

# Relationships and Assessment: Outcomes by Goals (Reporting Unit)



## ILO: Institutional Level Outcomes

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ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### Admissions & Records

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#### Outcome Statement - SLO or AUO or SSO: Increasing Ed Plans

The population of students who have enrolled at Mt. SAC without completing an Educational Plan has grown due to a recent enrollment growth decision. Fall 2014-15 enrollees who don't have an educational plan on file will have an electronic plan on file prior to the end of the 2014-15 school year.

### Aeronautics, Transportation Certificate: FAA Aircraft Dispatcher - E0408

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#### Program Outcome: FAA Aircraft Dispatcher Technical Competency

Students will comprehend the skills, techniques, and procedures used by an FAA aircraft dispatcher. Students will be able to explain the principles of the risk assessment process; analyze and determine Boeing 737 New Generation (NG) limitations and aircraft performance data; describe ETOPS and the minimum equipment required; identify trip records as well as Hazardous Materials (HAZMAT) documentation required by regulation; retrieve and interpret aviation weather charts, observations, and forecasts, and determine their applicability to a planned flight; determine the aircraft's ability to be dispatched on certain routes taking into account Operational Specifications (OPS SPECS), Code of Federal Regulations (FARs), Notice to Airmen (NOTAMS), weather, and other restrictions.

**Assessment Rotation Cycles:** 2016-17

### Aeronautics, Transportation Degree: AS - Commercial Flight - S0912

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#### Program Outcome: 1. Aviation Industry and Career Planning

Students will recognize and comprehend terms and vocabulary associated with piloting and air traffic control; early federal legislation that was influential in shaping the aviation industry; the function of government in regulating the aviation industry; airline economics and demand; and career planning skills and resources.

#### Program Outcome: 2. Aviation Safety and Human Factors

Students will recognize and comprehend physiology limitations humans experience in flight; comprehend the skills, techniques, and procedures of advanced crew resource management (ACRM), and applying ACRM principles in problem-solving scenarios; analyze aircraft accident case-studies and identify key factors leading to aircraft accidents.

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### **Aeronautics, Transportation Degree: AS - Commercial Flight - S0912**

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#### **Program Outcome: 3. Aviation Weather and Aeronautical Decision Making**

Students will identify and determine the characteristics of North American continental and worldwide weather systems; encode and decode hourly surface weather observations and pilot reports; encode and decode aviation weather forecasts and meteorological advisories; and summarize aviation weather conditions and forecasts using a variety of charts, observations, and forecasts with the goal of demonstrating good decision-making and problem-solving skills.

#### **Program Outcome: 4. Flight Operations and Flight Planning**

Students will comprehend the skills, techniques, and procedures for safely operating aircraft in primary, instrument, and commercial flight operations. Students will be able to explain the principles of flight and aerodynamics as they relate to airplanes, helicopters, and other high-performance aircraft; analyze aircraft performance data necessary for takeoff and landing and evaluate problem-solving scenarios for “go” and “no-go” decisions; analyze and apply weight and balance principles in problem-solving scenarios.

### **Alcohol and Drug Counseling Certificate: Alcohol Drug Counseling - T2101**

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#### **Program Outcome: Technical Competency**

Students completing certificate will be technically competent to safely practice as an entry-level alcohol & drug counselor.

#### **Program Outcome: Ethical competence**

Students completing the certificate will demonstrate an understanding of ethical & legal requirements for alcohol & drug counselors.

#### **Program Outcome: ADCert T2101**

Students will demonstrate the ability to apply theoretical and practical knowledge in the core competencies of alcohol & drug counselors.

#### **Program Outcome: Professional Development**

Students completing the certificate/associates degree program will demonstrate the ability to develop and achieve entry-level professional goals.

#### **Program Outcome: Skills Competency**

Students completing the certificate/associates degree program will demonstrate competency in basic counseling skills commensurate with an entry level practitioner in the addictions counseling field.

#### **Program Outcome: Behavioral Health**

Students completing the certificate/associates degree program will demonstrate the ability to assess, intervene, and refer clients with co-occurring mental health and substance abuse disorder to appropriate resources.

### **Alcohol and Drug Counseling Degree: AS - Alcohol/Drug Counseling - S2101**

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#### **Program Outcome: AD Associate's Degree Graduates**

Students will demonstrate the ability to apply theoretical and practical knowledge in the core competencies of alcohol & drug counselors

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Alcohol and Drug Counseling Degree: AS - Alcohol/Drug Counseling - S2101**

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#### **Program Outcome: Technical Competency**

Students completing certificate will be technically competent to safely practice as an entry-level alcohol & drug counselor.

#### **Program Outcome: AD AS S2101**

Students completing the certificate/associates degree program will demonstrate the ability to develop and achieve entry-level professional goals.

#### **Program Outcome: Ethical competence**

Students completing the certificate will demonstrate an understanding of ethical & legal requirements for alcohol & drug counselors.

#### **Program Outcome: Skills Competency**

Students completing the certificate/associates degree program will demonstrate competency in basic counseling skills commensurate with an entry level practitioner in the addictions counseling field.

#### **Program Outcome: Behavioral Health**

Students completing the certificate/associates degree program will demonstrate the ability to assess, intervene, and refer clients with co-occurring mental health and substance abuse disorder to appropriate resources.

#### **Program Outcome: Documentation and Treatment Plan Development**

Students completing the certificate/associates degree program will demonstrate the ability to prepare and develop professional treatment plans and other clinical documentation.

### **Architecture Certificate: Architectural Technology - Design Concentration Level II - T0205**

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#### **Program Outcome: Employment**

Certificate holders will be employed or actively seeking employment in the field or a related field

#### **Program Outcome: Technical Competence**

Certificate holders will be technically competent

#### **Program Outcome: Arch Cert Level 2-T0205**

Students will incorporate basic principles of layout and typography in architectural presentations

### **Architecture Certificate: Architectural Technology - Design Concentration Level III - T0206**

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#### **Program Outcome: Employment**

Certificate holders will be employed or actively seeking employment in the field or a related field

#### **Program Outcome: Technical competence**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Architecture Certificate: Architectural Technology - Design Concentration Level III - T0206**

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**Program Outcome: Technical competence**

Certificate holders will be technically competent

**Program Outcome: Arch Cert Level 3 T0206**

Students will present and evaluate the pros and cons of particular architectural design alternative solution.

### **Architecture Certificate: Architectural Technology - Level I - T0291**

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**Program Outcome: Employment**

Certificate holders will be employed or actively seeking employment in the field or a related field

**Program Outcome: Arch Cert Level 1 T0291**

Program completers will successfully execute orthographic and 3D drawing projections

### **Architecture Certificate: Architectural Technology - Technology Concentration Level II - T0203**

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**Program Outcome: Employment**

Certificate holders will be employed or actively seeking employment in the field or a related field

**Program Outcome: 3. Arch Cert Lev2T0203**

Program completers will successfully execute orthographic and 3D drawing projections

### **Architecture Certificate: Architectural Technology - Technology Concentration Level III - T0204**

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**Program Outcome: Employment**

Certificate holders will be employed or actively seeking employment in the field or a related field

**Program Outcome: ARch Cert Level 3 T0204**

Program completers will successfully execute orthographic and 3D drawing projections

### **Architecture Certificate: Construction Inspection - L0920**

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**Program Outcome: Technicially competent**

Students completing the certificate will be technically competent

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### **Architecture Certificate: Construction Inspection - L0920**

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#### **Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

### **Architecture Degree: AS - Architectural Tech - Design Concentration - S0207**

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#### **Program Outcome: Transfer**

Program completers will successfully transfer to a four year university in a related major

#### **Program Outcome: Employment**

Program completers will be employed or seeking employment in the field or in a related area

#### **Program Outcome: Arch AS SO207**

ARCH 29-b : Students will present and evaluate the pros and cons of particular architectural design alternative solution.

### **Architecture Degree: AS - Architectural Technology - Tech Concentration - S0201**

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#### **Program Outcome: Transfer**

Program completers will transfer to a 4 year university in a related major

#### **Program Outcome: Employment**

Program completers will be employed or seeking employment in the field or in a related field

#### **Program Outcome: Arch AS SO201**

Students will create design development and working drawing sets reflecting refined job skills in architectural CAD.

#### **Program Outcome: Technology Concentration S0201**

Sudents will be able to use common and architectural software for detailed 3-D computer-simulated models (both interior and exterior).

### **Arise**

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#### **Outcome Statement - SLO or AUO or SSO: Arise Guided Pathways (ASAP!)**

70% of new Arise students will complete 70% of their Guided Pathways (checklist of tasks within one year of program enrollment.)"

**Assessment Rotation Cycle:** 2016-17, 2017-18, 2018-19

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

## Aspire Program

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### Aspire Program

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#### Outcome Statement - SLO or AUO or SSO: Cultural and Social Awareness

Black History Luncheon – Students will increase their cultural and social awareness and networking opportunities.

## Bridge Program

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#### Outcome Statement - SLO or AUO or SSO: Summer Bridge

Summer Bridge participants will be able to identify how three support services will help the student be successful during the Summer Bridge Program.

#### Outcome Statement - SLO or AUO or SSO: Summer Bridge\_1

Summer Bridge participants will be able to identify how three support services will help the student be successful during the Summer Bridge Program.

#### Outcome Statement - SLO or AUO or SSO: Peer Advisors Impact

Learning community students will report a positive experience after receiving peer advisor's mentoring, advising, and role modeling.

## Career / Transfer Services

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#### Outcome Statement - SLO or AUO or SSO: Mock Interviews

While engaging in a mock interview with job developer, student will demonstrate appropriate interview skills, and appropriately answer eight of ten sample questions

## Certificate: Accounting - Computerized - L0503

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#### Program Outcome: BUSA 76 - SLO 1

I am able to solve managerial accounting problems with Excel software

## Certificate: Animal Science Fundamentals - E0360

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#### Program Outcome: Economic Importance of Animal Industries

Students completing their Certificate in Animal Science Fundamentals will be able to explain the historical and current economic importance of the livestock and pet animal industries.

## Certificate: Athletic Trainer Aide I - E0802

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### **Certificate: Athletic Trainer Aide I - E0802**

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**Program Outcome: 1. Roles & Responsibilities of a school ATC**

Identify daily tasks of operating an athletic training room, pre and post practice, and pre and post competition.

**Program Outcome: 2. Basic Sports medicine Terminology**

Create athletic injury documentation in hard copy format and on computerized injury tracking systems.

**Program Outcome: 3. Universal Precautions**

Recognize injuries and conditions to be treated that require protection of the health care provider, the patient and the health care facility.

**Program Outcome: 4. Athletic Injury Evaluation**

Apply the HOPS (History, Observation, Palpation, Special Tests) procedure during injury evaluation, under the supervision of a certified athletic trainer.

**Program Outcome: 5. Immediate Care of Athletic Injuries & Conditions**

Provide acute and sub acute care for athletic injuries and condition, including, but not limited to modalities, manual therapy and therapeutic exercise.

### **Certificate: Basic Skills - I5002**

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**Program Outcome: Reading Level Improvement**

Students will improve in their reading level.

**Program Outcome: Writing Proficiency**

Students will demonstrate writing proficiency in order to enter post-secondary courses and employment.

### **Certificate: Business: International - Level I - E0527**

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**Program Outcome: BUSM 51 - SLO 1**

I am able to identify how governments influence trade

### **Certificate: Business: International - Level II - L0597**

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**Program Outcome: BUSM 66 - SLO 1**

I am able to describe business planning for small business

### **Certificate: Business: Management - Level II - L0586**

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**Certificate: Business: Management - Level II - L0586**

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**Program Outcome: BUSM 60 - SLO 2**

I am able to analyze social perception

**Certificate: Business: Retail Management - Level I - E0500**

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**Program Outcome: BUSO 25 - SLO 1**

I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content

**Program Outcome: BUSO 25 - SLO 2**

I am able to use informative and sales letters to convey information and influence people favorably

**Program Outcome: BUSO 25 - SLO 3**

I am able to develop and deliver a 3-5 minute presentation on a business related topic

**Certificate: Business: Retail Management - Level III - T0521**

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**Program Outcome: BUSA 7 - SLO 1**

I am able to describe the basic accounting system and how it is used to serve business needs

**Program Outcome: BUSM 60 - SLO 1**

I am able to define organizational culture, socialization and mentoring

**Program Outcome: BUSO 26 - SLO 1**

I am able to apply communication skills in simulated business situations such as conferences and business groups

**Certificate: Business: Small Business Management - Level I - E0529**

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**Program Outcome: BUSM 66 - SLO 1**

I am able to describe business planning for small business

**Certificate: Consumer Relations - B0326**

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**Program Outcome: Meaningful Sel-Evaluation**

Students completing the Consumer Relations Certificate (B0326) program will demonstrate meaningful self-evaluation related to increasing their lifelong personal well-being.

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

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### **Certificate: Consumer Relations - B0326**

#### **Program Outcome: Determine Goals**

Students completing the Consumer Relations Certificate (B0326) program will be able to determine their short term, intermediate and long term goals.

#### **Program Outcome: Consumer Resources**

Students completing the Consumer Relations Certificate will be able to identify consumer related laws and government agencies.

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### **Certificate: English as a Second Language - 24054**

#### **Program Outcome: ESL Certificate**

Certificate completers will demonstrate advanced-level skill achievement (VESL 1) in English language proficiency.

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### **Certificate: English as a Second Language - Advanced - 30376**

#### **Program Outcome: ESL Certificate - Advanced**

Certificate completers will demonstrate advanced-level skill achievement in English language proficiency.

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### **Certificate: English as a Second Language - Beginning - 30375**

#### **Program Outcome: ESL Certificate - Beginning**

Certificate completers will demonstrate beginning-level skill achievement in English language proficiency.

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### **Certificate: English as a Second Language - Intermediate - 30374**

#### **Program Outcome: ESL Certificate - Intermediate**

Certificate completers will demonstrate intermediate-level skill achievement in English language proficiency.

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### **Certificate: Gallery Design, Operation and Art Profession - E1020**

#### **Program Outcome: Aesthetic Base**

Upon the successful completion of this program, students will have completed the foundation courses of the major which are the aesthetic base needed for transfer into bachelors programs or independent work as an artist.

#### **Program Outcome: Problem Solving**

Upon the successful completion of this program, students will be able to apply critical thinking skills to original work.

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Certificate: Gallery Design, Operation and Art Profession - E1020**

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#### **Program Outcome: Problem Solving**

#### **Program Outcome: Design Concepts**

Upon the successful completion of this program, students will be able to apply the elements and principles of design to original art work.

#### **Program Outcome: Visual Concepts in Communication**

Upon the successful completion of this program, students will be able to apply visual arts concepts that are basic to many forms and fields of art and design in visual, oral, and written communication.

#### **Program Outcome: Art Analysis and Critique**

Upon the successful completion of this program, students will be able to analyze historical, contemporary, peer, and personal visual artwork that range in modes of artistic expression.

#### **Program Outcome: Cultural and Historical Context**

Upon the successful completion of this program, students will be able to demonstrate in oral, written and studio work familiarity with the history of western art.

#### **Program Outcome: Technical Application**

Upon the successful completion of this program, students will be proficient in a variety of visual art techniques and tools using them to explore a range of subjects, media, styles and formats.

#### **Program Outcome: Professional Practices**

Upon the successful completion of this program, students will create independent original work in the area of their focus demonstrating basic professional practices.

### **Certificate: Graphic Design - Level II - T0321**

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#### **Program Outcome: Research**

research and interpret information necessary to develop an effective message(s) and strategy for a commercial art assignment.

#### **Program Outcome: Creativity & Ideation**

develop and communicate creative, visual solutions for a commercial art assignment.

#### **Program Outcome: Design**

design commercial art products that effectively utilize principles and elements of design.

#### **Program Outcome: Presentation**

present their commercial art products, explaining and defending their strategic choices, creative ideas and design decisions.

### **Certificate: Horse Ranch Management - Level I - E0361**

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ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Certificate: Horse Ranch Management - Level I - E0361**

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#### **Program Outcome: Professional Conduct**

Students completing the Horse Ranch Management certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Production/Business Plans**

Students will design a production/business plan for a horse-related activity

#### **Program Outcome: Animal Welfare**

Students completing a certificate in Horse Ranch Management will be able to address animal welfare requirements when designing and implementing an equine management system (Inactive)

### **Certificate: Horse Ranch Management - Level II - L0376**

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#### **Program Outcome: Professional Conduct**

Students completing the Horse Ranch Management certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Production/Business Plans**

Students will design a production/business plan for a horse-related activity

#### **Program Outcome: Animal Welfare**

Students completing a certificate in Horse Ranch Management will be able to address animal welfare requirements when designing and implementing an equine management system

### **Certificate: Horticulture Science - L0394**

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#### **Program Outcome: Binomial nomenclature**

Certificate completers will be able to explain the binomial method of plant nomenclature.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Interior Landscaping - L0106**

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#### **Program Outcome: Professional Conduct**

Students completing the Interior Landscaping certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Customer Relations**

Students completing the Interior Landscaping Certificate will be able to demonstrate competency in one on one customer relations.

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Certificate: Interior Landscaping - L0106**

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#### **Program Outcome: Customer Relations**

#### **Program Outcome: Professional Oral Presentation**

Students completing Interior Landscaping Certificate will be able to give a professional quality oral presentation

### **Certificate: Landscape and Park Maintenance - L0357**

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#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Landscape Construction - L0393**

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#### **Program Outcome: Contracts**

Students completing the certificate will be able to prepare and implement a Home Improvement Contract.

#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

### **Certificate: Landscape Design I - L0368**

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#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Landscape Design II - L0396**

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#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Professional Oral Presentation**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Certificate: Landscape Design II - L0396**

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#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

#### **Program Outcome: Soil analysis and recommendations**

Certificate completers will be able to evaluate the soil conditions at an existing site and make specific recommendations for the immediate and long-term correction of all problems

#### **Program Outcome: Soft Skills**

Students successfully completing this certificate will be able to make a professional landscape design presentation to a customer

### **Certificate: Landscape Equipment Technology - L0358**

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#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Landscape Irrigation - L0110**

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#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing this certificate will be able to give a professional quality oral presentation

### **Certificate: Livestock Production Management - E0363**

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#### **Program Outcome: production/business plan**

Students completing the livestock certificate will be able to design a comprehensive production/business plan for various livestock species

#### **Program Outcome: Animal Welfare**

Completers of this program will address animals welfare requirement when designing and implementing a livestock management system.

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

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### **Certificate: Nursery Management - L0107**

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### **Certificate: Nursery Management - L0107**

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#### **Program Outcome: Professional Conduct**

Students completing the certificate will be able to demonstrate professional conduct.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

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### **Certificate: Nutrition - E0353**

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#### **Program Outcome: Career Communication**

Students completing the Nutrition Certificate E0353 will be able to use acquired knowledge and skills to evaluate potential transfer and internship sites.

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### **Certificate: Park Management - T0186**

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#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

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### **Certificate: Pet Science - T0104**

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#### **Program Outcome: Animal Welfare**

Students completing a certificate in Pet Science will be able to address animal welfare requirements when designing and implementing an animal management system.

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### **Certificate: Photography - Level I - L0348**

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#### **Program Outcome: Produce Quality Imagery**

Upon the successful completion of this program, the student will use critical thinking skills and be able to analyze and assess photographic situations, solve technical problems, and overcome creative challenges as they arise in the production of high quality still and motion imagery for professional, editorial, commercial or fine art applications.

#### **Program Outcome: Visual Communication**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Certificate: Photography - Level I - L0348**

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#### **Program Outcome: Visual Communication**

Upon the successful completion of this program, the student will be able to design and construct still and motion imagery that can communicate ideas or narratives effectively for commercial, editorial, or fine art purposes.

#### **Program Outcome: Understand Business Practices**

Upon successful completion of this program the student will have the knowledge and skills pertinent to the operation of a freelance photography business and sound business practices in the trade.

#### **Program Outcome: Work as a Collaborator**

Upon the successful completion of this program, the student will be able to usefully participate in the collaborative environment of commercial art fields.

#### **Program Outcome: Discuss and Critique Imagery**

Upon the successful completion of this program, the student will be able to analyze, discuss, and critique the various technical, aesthetic, conceptual, historical and cultural aspects of a photograph.

### **Certificate: Public Works/Landscape - B0120**

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#### **Program Outcome: Professional Oral Presentation**

Students completing the Public Works/ Landscape Certificate will be able to give a professional quality oral presentation.

### **Certificate: Radio Broadcasting: Behind the Scenes - T0606**

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#### **Program Outcome: Entry-level skills**

Work in production, programming or a variety of other behind-the-scenes positions at a commercial radio station

#### **Program Outcome: Social Media**

Use social media during a live radio show to engage with the audience

### **Certificate: Real Estate Sales - E0342**

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#### **Program Outcome: Real Estate Sales**

Students completing the Real Estate Sales Certificate Program (three statutory classes per the Bureau of Real Estate) will have the requisite knowlege to pass the California Real Estate Sales Exam

#### **Program Outcome: State Exam Success Rate**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

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### **Certificate: Real Estate Sales - E0342**

#### **Program Outcome: State Exam Success Rate**

Mt. SAC real estate students will meet or exceed the state average for success or passage on the state licencing exam.

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### **Certificate: Sign Language/Interpreting - T0801**

#### **Program Outcome: Demand Control Schema Applied**

Interpreting students will successfully apply Demand Control Schema (DC-S) Theory to the field of Sign Language Interpreting.

#### **Program Outcome: Simultaneous Interpretation**

Given a English narrative successfully give a functional equivalent message in ASL in a simultaneous mode.

#### **Program Outcome: Language and Culture**

Students will identify the influence of culture on human expression

#### **Program Outcome: Visual Language**

Students will identify aspects of visual/manual expression as linguistically valid as parallel auditory/spoken expression

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### **Certificate: Sports Turf Management - L0112**

#### **Program Outcome: Sports Turf Assessment**

Certificate completers will be able to formulate and propose an all-inclusive management program for a sports turf area

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

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### **Certificate: Television Crew - L0354**

#### **Program Outcome: Entry-level skills**

RTV program students will feel that they have an increased possession of the skills required for entry-level work in the entertainment industry.

#### **Program Outcome: 3 Production Types**

Function in three types of production: Narrative (film-style), TV Studio, and live Remote Multicamera production in any role.

#### **Program Outcome: Creative Teamwork**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

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**Certificate: Television Crew - L0354**

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**Program Outcome: Creative Teamwork**

Use communication, artistic and technical skills to collaboratively create programs as part of a team in any role, from writer to editor.

**Program Outcome: Avid software skills**

Use Avid Media Composer to the level necessary for an editing internship.

**Program Outcome: ePortfolio**

Present an ePortfolio containing video and written work to prospective employers, universities and scholarship committees.

**Program Outcome: Visual Storytelling**

Apply aesthetic and technical skills in telling a story visually.

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**Certificate: Tree Care and Maintenance - L0111**

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**Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

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**Degree: AA - Liberal Arts Emphasis Business - A8981**

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**Program Outcome: BUSA 7 - SLO 1**

I am able to describe the basic accounting system and how it is used to serve business needs

**Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

**Program Outcome: BUSO 25 - SLO 1**

I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content

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**Degree: AA - Liberal Arts Emphasis Communication - A8982**

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**Program Outcome: Information Analysis**

Students will critically analyze information and arguments.

**Program Outcome: Research**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Degree: AA - Liberal Arts Emphasis Communication - A8982**

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#### **Program Outcome: Research**

Students will select and research an appropriate topic and thesis.

#### **Program Outcome: Organization**

Students will logically organize supporting materials into a well-crafted presentation.

#### **Program Outcome: Delivery and Confidence**

Students will demonstrate effective verbal and non-verbal delivery skills to present a message to a live audience in a confident manner.

#### **Program Outcome: Problem Solving**

Students will formulate communication solutions to problems in a range of contexts.

#### **Program Outcome: Diversity**

Students will create messages appropriate for diverse audiences and listener.

#### **Program Outcome: Personal Awareness**

Students will develop an improved understanding of themselves as communicators.

### **Degree: AA - Liberal Arts Emphasis Environmental Studies - A0411**

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#### **Program Outcome: Scientific analysis**

Demonstrate understanding of scientific inquiry and quantitative reasoning

**Assessment Rotation Cycles:** 2016-17

#### **Program Outcome: Environmental impact**

Analyze the impact of humans on the environment

#### **Program Outcome: Impact on social institutions**

Analyze the impact of human behavior and beliefs on social institutions

### **Degree: AA - Liberal Arts Emphasis Fine Arts - A8983**

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#### **Program Outcome: Foundation Course Completion**

Upon the successful completion of this program, students will have completed the foundation courses of the major which are the aesthetic base needed for transfer into bachelors programs or independent work as an artist.

#### **Program Outcome: Critical Analysis**

Upon the successful completion of this program, students will be able to apply critical thinking skills to original work.

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Degree: AA - Liberal Arts Emphasis Fine Arts - A8983**

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#### **Program Outcome: Critical Analysis**

#### **Program Outcome: Elements and Principles of Design**

Upon the successful completion of this program, students will be able to apply the elements and principles of design to original art work.

#### **Program Outcome: Visual Concepts**

Upon the successful completion of this program, students will be able to apply visual arts concepts that are basic to many forms and fields of art and design in visual, oral, and written communication

#### **Program Outcome: Art Analysis and Critique**

Upon the successful completion of this program, students will be able to analyze historical, contemporary, peer, and personal visual artwork that range in modes of artistic expression.

#### **Program Outcome: Cultural and Historical Context**

Upon the successful completion of this program, students will be able to demonstrate in oral, written and studio work familiarity with the history of western art.

#### **Program Outcome: Technical Application**

Upon the successful completion of this program, students will be proficient in a variety of visual art techniques and tools using them to explore a range of subjects, media, styles and formats.

#### **Program Outcome: Professional Practices**

Upon the successful completion of this program, students will create independent original work in the area of their focus demonstrating basic professional practices.

### **Degree: AA - Liberal Arts Emphasis Humanities - A8984**

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#### **Program Outcome: Cultural Context**

Upon completion of the program, students will be able to identify the influence and interrelationship of culture on human and artistic expression

**Assessment Rotation Cycles:** 2014-15, 2015-16, 2016-17

#### **Program Outcome: Cultural Diversity**

Upon successful completion of this program, the student will demonstrate an understanding of other cultures, including through the study of foreign language, the arts, and humanistic thought

#### **Program Outcome: Artistic Expression**

Upon completion of the program, students will be able to formally analyze modes of artistic expression (visual arts, music and literature).

#### **Program Outcome: Impact of Sociopolitical and Natural Environment**

Upon successful completion of this program, the student will demonstrate knowledge of philosophy and politics and the natural environment, including the relationship

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

**Degree: AA - Liberal Arts Emphasis Humanities - A8984**

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**Program Outcome: Impact of Sociopolitical and Natural Environment**

between social, political, and/or economic institutions and human behavior.

**Degree: AA - Liberal Arts Emphasis Kinesiology and Wellness - A8986**

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**Program Outcome: 1. Kinesiology Pedagogy**

Upon completion of the AA with KIN Emphasis, students will have an understanding of kinesiology, health promotion, and the mechanics of human bodily movement.

**Program Outcome: 2. Kinesiology Related Pedagogy**

Upon completion of the AA with KIN Emphasis, students will have an understanding of Anatomy, Nutrition as well as Behavior Development as it applies to Kinesiology.

**Program Outcome: 4. Career Preparation**

Upon completion of the AA with KIN Emphasis, students will be provided with an opportunity to prepare for transfer or a career in the field of human movement and wellness.

**Program Outcome: 5. Personal Wellbeing**

Upon completion of the AA with KIN Emphasis, students will be able to examine personal health-related behavioral patterns, select goals and formulate appropriate health and fitness strategies.

**Degree: AA - Liberal Arts Emphasis Language Arts - A8987**

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**Program Outcome: Language acquisition and usage**

Students will demonstrate language acquisition and usage through reading, writing, listening, signing or speaking within a diverse environment

**Assessment Rotation Cycles:** 2014-15, 2015-16, 2016-17

**Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988**

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**Program Outcome: Experimentation**

Design and conduct experiments using appropriate tools to answer scientific questions

**Program Outcome: Responsibility**

Identify and model the professional and ethical responsibilities of a scientist.

**Program Outcome: Communication**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988**

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#### **Program Outcome: Communication**

Communicate scientific principles and applications effectively, both verbally and in writing.

#### **Program Outcome: Impact**

Describe the impact of humans and our technology in an environmental and societal context.

#### **Program Outcome: Teamwork**

Work collaboratively to reach a common goal or solve a problem.

### **Degree: AA-T - Art History - A0330**

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#### **Program Outcome: Formal Analysis**

Students will demonstrate the ability to critically analyze visual objects as works of art.

**Assessment Rotation Cycles:** 2014-15, 2015-16, 2016-17

#### **Program Outcome: Modes of Artistic Expression**

Students completing a course in "Area C: Arts" will be able to analyze modes of artistic expression.

#### **Program Outcome: Contextual analysis**

Students will demonstrate the ability to critically analyze visual objects as artifacts of visual culture from a variety of perspectives, utilizing various modes of analysis.

### **Degree: AA-T - Communication Studies - A0325**

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#### **Program Outcome: Information Analysis**

Upon successful completion of the AAT in Communication Studies, students will critically analyze information and arguments.

#### **Program Outcome: Research**

Upon successful completion of the AAT in Communication Studies, students will select and research an appropriate topic and thesis.

#### **Program Outcome: Organization**

Upon successful completion of the AAT in Communication Studies, students will logically organize supporting materials into a well-crafted presentation.

#### **Program Outcome: Delivery and Confidence**

Upon successful completion of the AAT in Communication Studies, students will demonstrate effective verbal and non-verbal delivery skills to present a message to a live audience in a confident manner.

#### **Program Outcome: Problem Solving**

Upon successful completion of the AAT in Communication Studies, students will formulate communication solutions to problems in a range of contexts.

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### Degree: AA-T - Communication Studies - A0325

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#### Program Outcome: Problem Solving

#### Program Outcome: Diversity

Upon successful completion of the AAT in Communication Studies, students will create messages appropriate for diverse audiences and listener.

#### Program Outcome: Personal Awareness

Upon successful completion of the AAT in Communication Studies, students will develop an improved understanding of themselves as communicators.

### Degree: AA-T - English - A0332

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#### Program Outcome: Academic Essay

Students will be able to write an essay using appropriate academic format.

#### Program Outcome: Researched Analytical Papers

Students will be able to write researched analytical papers using proper documentation.

#### Program Outcome: Literary Analysis

Students will be able to analyze major themes in a range of literary genres.

#### Program Outcome: Compare Literary Elements

Students will be able to compare and contrast literary elements such as authorial approaches, narrative styles, character development, and thematic concerns.

### Degree: AA-T - Geography - A0356

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#### Program Outcome: Geographic Principles

Apply geographic principles to particular world regions.

#### Program Outcome: Human Environment Relationships

Analyze the fundamental relationship between humans and the environment.

#### Program Outcome: Spatial Variation

Evaluate the spatial variation in human and physical processes.

### Degree: AA-T - History - A0334

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#### Program Outcome: Institutions

Students will analyze the relationship between social, political, and/or economic institutions and human behavior from a historical perspective

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Degree: AA-T - History - A0334**

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#### **Program Outcome: Institutions**

**Assessment Rotation Cycles:** 2014-15, 2015-16, 2016-17

#### **Program Outcome: Change**

Students will identify and evaluate major agents of change/reform across time in the United States and other countries and continents.

#### **Program Outcome: Constitutional changes**

Students will differentiate among changes in American Constitutional government over time and discuss its impact.

#### **Program Outcome: Culture and diversity**

Students will identify the influence of culture on human expression and analyze cultural and gender diversity in humans.

### **Degree: AA-T - Music - A0347**

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#### **Program Outcome: Performance**

Students will demonstrate proficiency in the rehearsal, collaboration and performance of music across a wide range of compositional styles and in a variety of venues.

#### **Program Outcome: Analysis and Composition**

Students will demonstrate proficiency in the analysis and composition of tonal music.

#### **Program Outcome: Dictation and Sight Singing**

Students will demonstrate proficiency in the dictation and sight singing of tonal music

#### **Program Outcome: Keyboard Skills**

Students will demonstrate proficiency in sight reading, transposition and improvisation at the keyboard

#### **Program Outcome: History and Literature**

Students will comprehend and communicate in writing the cultural and historical contexts of music, as well as stylistic differences, in the Western classical traditions.

### **Degree: AA-T - Philosophy**

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#### **Program Outcome: Soundness of argument**

When given a philosophical question, students will be able to determine the soundness of an argument based on criteria for evaluating the argument.

#### **Program Outcome: Philosophical analysis**

Students will be able to use philosophical methods, assumptions, and principles to analyze ideas, positions and situations.

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

**Degree: AA-T - Political Science - A0345**

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**Degree: AA-T - Political Science - A0345**

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**Program Outcome: U.S. Government and Political Institutions**

Explain political institutions and processes of the United States government.

**Program Outcome: Research Methodology**

Identify research and statistical methods appropriate to Political Science.

**Program Outcome: Political Theory**

Compare and contrast major theoretical perspectives in Political Science.

**Program Outcome: International Relations**

Analyze the relationships between governments globally.

**Program Outcome: Comparative Politics**

Compare and contrast the institutions and processes of governments around the world.

**Program Outcome: Relationship between social, political, and/or economic institutions and human behavior.**

Students will analyze the relationship between social, political, and/or economic institutions and human behavior.

**Degree: AA-T - Psychology - A0324**

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**Program Outcome: Matriculating**

Upon successful completion of this program, the student will be able to matriculate to a Bachelor's program in psychology or a related discipline.

**Program Outcome: Describe research and statistics**

Upon successful completion of this program, the student will be able to describe research and statistical methods appropriate to psychology

**Program Outcome: Theoretical Perspectives**

Upon successful completion of this program, the student will be able to compare and contrast major theoretical perspectives in psychology.

**Program Outcome: Biology and behavior**

Upon successful completion of this program, the student will be able to synthesize relationships between biological and behavioral functions.

**Degree: AA-T - Sociology**

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**Program Outcome: Mastery of Theoretical Applications to Inequality and Change**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

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**Degree: AA-T - Sociology**

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**Program Outcome: Mastery of Theoretical Applications to Inequality and Change**

Students will be able to use sociological theories to evaluate the basic dimensions of social inequality and social change.

**Program Outcome: Mastery of the Sociological Perspective**

Students will be able to make theoretically-informed recommendations to address current social problems, and demonstrate the utility of the sociological perspective for their lives.

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**Degree: AA-T - Studio Arts - A0395**

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**Program Outcome: Aesthetic Base**

Upon the successful completion of this program, students will be prepared to transfer to the California State University system or other public and private colleges and universities to complete Bachelor of Arts or Bachelor of Fine Arts in Art, Studio Art, Fine Art, or Visual Art degrees.

**Program Outcome: Visual Arts Concepts in Communication**

Upon the successful completion of this program, students will be able to apply visual arts concepts that are basic to many forms and fields of art and design in visual, oral, and written communication.

**Program Outcome: Art Analysis and Critique**

Upon the successful completion of this program, students will be able to analyze historical, contemporary, peer, and personal visual artwork that range in modes of artistic expression.

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**Degree: AA-T - Theater Arts - A0346**

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**Program Outcome: Creating a Character**

Upon the successful completion of this program, the student will be able to use script analysis and performance techniques to create a character in a live theater performance.

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**Degree: AS - Administrative Assistant - S0514**

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**Program Outcome: Presentation Skills**

Students completing an Administrative Assistant Degree (S0514) will be able to create and present a visual slide presentation to include text, graphic objects, design theme, slide transition, and object animation.

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**Degree: AS - Agri-Technology - S0101**

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ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Degree: AS - Agri-Technology - S0101**

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#### **Program Outcome: Understanding of World Agriculture**

Students completing the Agri-Technology Degree will be able to demonstrate an understanding of the interdependence of world agriculture systems.

#### **Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

### **Degree: AS - Animation - S1006**

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#### **Program Outcome: Create 2D animation short films**

Upon successful completion of this program, students will be able to plan, produce, collaborate on, and create 2D art and animation assets for use in games and animation productions.

#### **Program Outcome: Create 3D animation short films**

Students will be able to plan, produce, collaborate on, and create 3D models of objects and environments that can be used in games, and animation productions.

#### **Program Outcome: Create Storyboards**

Upon successful completion of this program, students will be able to plan, develop, and collaborate on storyboards for short animation and game productions.

#### **Program Outcome: Create games**

Upon successful completion of this program, students will be able to design, collaborate on, work with external developers and produce board games, and digital games.

#### **Program Outcome: Creating a Portfolio**

Students will create a portfolio demonstrating a clear understanding of selecting and organizing their material to present their portfolio to animation and game studios.

### **Degree: AS - Business - Management - S0506**

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#### **Program Outcome: BUSM 61 - SLO 1**

I am able to apply management concepts and functions

### **Degree: AS - Equipment Technology - S0118**

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#### **Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

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**Degree: AS - Equipment Technology - S0118**

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

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**Degree: AS - Graphic Design- S0318**

**Program Outcome: Research**

research and interpret information necessary to develop an effective message(s) and strategy for a commercial art assignment.

**Program Outcome: Creativity & Ideation**

develop and communicate creative, visual solutions for a commercial art assignment.

**Program Outcome: Design**

design commercial art products that effectively utilize principles and elements of design.

**Program Outcome: Presentation**

present their commercial art products, explaining and defending their strategic choices, creative ideas and design decisions.

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**Degree: AS - Horse Ranch Management - S0102**

**Program Outcome: Production/Business Plans**

Students completing the Horse Ranch Management degree will be able to design a comprehensive production/business plan for various horse-related activities

**Program Outcome: Professional Conduct**

Students completing the Horse Ranch Management degree will demonstrate professional conduct in the industry

**Program Outcome: Entry-Level Job**

Students completing the Horse Ranch Management Degree will be able to obtain an entry-level position in the horse industry

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**Degree: AS - Human Resources Mgmt - S0530**

**Program Outcome: BUSO 25 - SLO 1**

I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content

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**Degree: AS - Integrated Pest Management - S0311**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Degree: AS - Integrated Pest Management - S0311**

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#### **Program Outcome: Technical Proficiency**

Students completing the degree will be technically proficient.

#### **Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

#### **Program Outcome: Integrated Pest Management Program**

Degree completers will be able to formulate and implement a complete Integrated Pest Management program for a specific site.

### **Degree: AS - Interior Design S1301**

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#### **Program Outcome: Craftsmanship**

Students will successfully demonstrate craftsmanship skills in the presentation of a space.

#### **Program Outcome: 4. Degree: AS - Interior Design Kitchen and Bath Specialization. S1302. Design.**

Students will successfully design a kitchen based NKBA standards.

### **Degree: AS - International Business - S0507**

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#### **Program Outcome: BUSM 51 - SLO 1**

I am able to identify how governments influence trade

#### **Program Outcome: BUSM 52 - SLO 1**

I am able to explain how a small business can prepare to conduct export operations

### **Degree: AS - Livestock Management - S0103**

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#### **Program Outcome: Production/Business plans**

Students the Livestock Management degree will be able to design a comprehensive production/business plan for various livestock species

#### **Program Outcome: transfer**

Completers of this degree can successfully transfer to the CSU and UC system.

#### **Program Outcome: Animal Welfare**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

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**Degree: AS - Lifestock Management - S0103**

**Program Outcome: Animal Welfare**

Completers of this program will address animals welfare requirements when designing and implementing a livestock management system.

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**Degree: AS - Ornamental Horticulture - S0119**

**Program Outcome: Technical Proficiency**

Students completing the degree will be technically proficient.

**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

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**Degree: AS - Paralegal/Legal Assistant - S0310**

**Program Outcome: Student confidence**

Students completing the Paralegal / Legal Assistant Degree (S0310) will have increased their confidence in basic paralegal skills.

**Program Outcome: Perform legal work**

Students completing the Paralegal / Legal Assistant Degree (S0310) will competently prepare basic legal documents such as motions and discovery, as they would be asked to do under the direction and supervision of a licensed attorney.

**Program Outcome: Certification: LexisAdvance**

Students completing the Paralegal / Legal Assistant Degree (S0310) will have earned LexisAdvance certification for paralegals.

**Program Outcome: Certification: Westlaw**

Students completing the Paralegal / Legal Assistant Degree (S0310) will have earned Westlaw certification for paralegals.

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**Degree: AS - Park and Sports Turf Management - S0116**

**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

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**Degree: AS - Park and Sports Turf Management - S0116**

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**Program Outcome: Sports Turf Assessment**

Degree completers will be able to formulate and propose an all-inclusive management program for a sports turf area

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**Degree: AS - Radio Broadcasting: On the Air - S0605**

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**Program Outcome: Performance**

Work as a DJ or newscaster on a commercial radio station.

**Program Outcome: Social Media**

Use social media during a live radio show to engage with the audience

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**Degree: AS - Real Estate - S0512**

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**Program Outcome: 1. PLO 1**

Real Estate Sales Students completing the Real Estate Sales Certificate Program (three statutory classes per the Bureau of Real Estate) will have the requisite knowledge to pass the California Real Estate Sales Exam.

**Program Outcome: 2. PLO 2**

State Exam Success Rate Mt. SAC real estate students will meet or exceed the state average for success or passage on the state licensing exam.

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**Degree: AS - Registered Veterinary Technology - S0105**

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**Program Outcome: AVMA Skills Performance**

Students completing the Associates of Science Degree in Registered Veterinary Technology will be able to successfully perform all of the skills on the AVMA Task List

**Assessment Rotation Cycles:** 2016-17

**Program Outcome: Entry Level Employment**

Students completing the Associates of Science Degree in Registered Veterinary Technology will be able to successfully obtain an entry level position as a veterinary technician.

**Assessment Rotation Cycles:** 2016-17

**Program Outcome: National Exam**

Students completing the Associates of Science Degree in Registered Veterinary Technology will be able to successfully pass the Veterinary Technician's National Exam (VTNE).

**Assessment Rotation Cycles:** 2016-17

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

**Degree: AS - Sign Language/Interpreting - S0801**

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**Degree: AS - Sign Language/Interpreting - S0801**

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**Program Outcome: Demand Control Schema Applied**

Interpreting students will successfully apply Demand Control Schema (DC-S) Theory to the field of Sign Language Interpreting

**Program Outcome: Simultaneous Interpretation**

Given a English narrative successfully give a functional equivalent message in ASL in a simultaneous mode.

**Program Outcome: Language and Culture**

Students will identify the influence of culture on human expression

**Program Outcome: Visual Language**

Students will identify aspects of visual/manual expression as linguistically valid as parallel auditory/spoken expression

**Degree: AS - Small Business Management - S0508**

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**Program Outcome: BUSM 66 - SLO 1**

I am able to describe business planning for small business

**Degree: AS - Television Production - S0602**

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**Program Outcome: Entry-level skills**

RTV program students will feel that they have an increased possession of the skills required for entry-level work in the entertainment industry.

**Program Outcome: 3 Production Types**

Function in three types of production: Narrative (film-style), TV Studio, and live Remote Multicamera production in any role.

**Program Outcome: Creative Teamwork**

Use communication, artistic and technical skills to collaboratively create programs as part of a team in any role, from writer to editor.

**Program Outcome: Avid software skills**

Use Avid Media Composer to the level necessary for an editing internship.

**Program Outcome: ePortfolio**

Present an ePortfolio containing video and written work to prospective employers, universities and scholarship committees.

**Program Outcome: Visual Storytelling**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

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**Degree: AS - Television Production - S0602**

**Program Outcome: Visual Storytelling**

Apply aesthetic and technical skills in telling a story visually.

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**Degree: AS-T - Mathematics - S0333**

**Program Outcome: Abstraction**

Translate real world phenomena and conceptual ideas into mathematical symbols and equations.

**Program Outcome: Modeling**

Model real world phenomenon using mathematical equations.

**Program Outcome: Analysis**

Develop techniques to analyze and interpret data.

**Program Outcome: Communication**

Use mathematical tools to effectively communicate outcomes of experiments and describe the nature of real world phenomenon and conceptual ideas.

**Program Outcome: Numeracy**

Develop ability to effectively use numbers and other abstract representations of real world phenomenon and conceptual ideas.

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**DSP&S**

**Outcome Statement - SLO or AUO or SSO: Stabilize services for DHH**

Services for students who are deaf and hard of hearing (DHH) will be of good quality, cost effective and organized.

**Outcome Statement - SLO or AUO or SSO: DHH Understanding of Critical Information**

Students who are Deaf will understand critical information by accessing it in a sign language format.

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**Electronics & Computer Technology Certificate: Electronics and Computer - Engineering Technology - T0906**

**Program Outcome: Quantitative analysis**

Quantitatively determine unknown electrical parameters from given or measured values and use these results to assess or troubleshoot faults in circuit and system operation.

**Program Outcome: Communication**

Communicate, both verbally and in writing, knowledge of electrical concepts and their application to the observed behaviors of circuits and systems.

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

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### **Electronics & Computer Technology Certificate: Electronics and Computer - Engineering Technology - T0906**

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#### **Program Outcome: High-level thought**

In advanced courses, connect concepts learned in introductory courses to more general principles applicable in the employment context.

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### **Electronics & Computer Technology Degree: AS - Electronics and Computer Engineering Technology - S0906**

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#### **Program Outcome: Quantitative analysis**

Quantitatively determine unknown electrical parameters from given or measured values and use these results to assess or troubleshoot faults in circuit and system operation.

#### **Program Outcome: Communication**

Communicate, both verbally and in writing, knowledge of electrical concepts and their application to the observed behaviors of circuits and systems.

#### **Program Outcome: High-level thought**

In advanced courses, connect concepts learned in introductory courses to more general principles applicable in the employment context.

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### **Emergency Medical Services Certificate: Emergency Medical Technician - EMT 90 - E0378**

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#### **Program Outcome: PLO 2**

Students completing certificate will be employable and seeking employment in the field or a related field

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### **Emergency Medical Services Certificate: Emergency Medical Technician - Paramedic (EMT-P) - T1281**

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#### **Program Outcome: PLO-1**

Upon completion of the paramedic program, students will demonstrate competence in the following areas: patient assessment skills, scene management, knowledge of the laws governing Paramedic scope of practice, knowledge of the functions of cells, tissues, organs and organ systems as they relate to paramedic practices and patient care, the ability to utilize appropriate communications skills and demeanor with patients, family members, and field/hospital staff as well as display assertiveness in emergency situations as evidenced by proper assessment and selection of interventions.

#### **Program Outcome: PLO-3**

Students completing certificate will be employable/seeking employment in the field of paramedicine or a related field

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### **Emergency Medical Services Degree: AS - Emergency Medical Services - S1210**

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ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

## **Emergency Medical Services Degree: AS - Emergency Medical Services - S1210**

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### **Program Outcome: PLO-1**

Upon completion of the paramedic program, students will demonstrate competence in the following areas: patient assessment skills, scene management, knowledge of the laws governing Paramedic scope of practice, knowledge of the functions of cells, tissues, organs and organ systems as they relate to paramedic practices and patient care, the ability to utilize appropriate communications skills and demeanor with patients, family members, and field/hospital staff as well as display assertiveness in emergency situations as evidenced by proper assessment and selection of interventions.

### **Program Outcome: PLO-3**

Students completing certificate will be employable/seeking employment in the field of paramedicine or a related field

## **EOPS / CARE / CalWORKS**

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### **Outcome Statement - SLO or AUO or SSO: EOPS New Student Orientations**

Students who attend the New Student Orientation will be able to identify at least three program requirements.

### **Outcome Statement - SLO or AUO or SSO: EOPS Counseling 2 Class**

Students will be able to identify at least 2 study skills strategies important to success after completing Counseling 2 class.

### **Outcome Statement - SLO or AUO or SSO: EOPS Self Management Strategies**

Students will be able to identify at least 2 Self- Management strategies learned from Counseling 2 class.

## **Fire Technology Certificate: Fire Technology - L2105**

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### **Program Outcome: 1. Fire Department Organization and communication**

Define fire department organization, culture, and methods of communication of entry level fire department personnel.

### **Program Outcome: 2. Occupational health and safety**

Analyze and assess firefighter hazards, and demonstrate safe practices by using minimum standard safety procedures.

### **Program Outcome: 3. Analysis of fire prevention techniques**

Demonstrate knowledge of fire preventions efforts and a resulting reduction of life and property loss.

### **Program Outcome: 4. Apply the selection and use of basic tools and equipment**

Knowledge of strategy and tactics required for the proper selection and safe use of firefighting methods, techniques, tools and equipment.

### **Program Outcome: 5. Fire chemistry and behavior**

Identify fire chemistry and behavior for the purpose of predicting fire dynamics and flame spread characteristics.

### **Program Outcome: 6. Fire protection systems and alarms**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Fire Technology Certificate: Fire Technology - L2105**

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#### **Program Outcome: 6. Fire protection systems and alarms**

Identify components of built-in and portable fire protections systems and alarm and notification devises.

#### **Program Outcome: 7. Building Construction relating to firefighter safety**

Demonstrate knowledge of the 5 basic types of construction. Identify the components and hazards related to each type.

#### **Program Outcome: 8. Leadership and Management concepts**

Knowledge of Leadership and Management concepts as they relate to emergency and non-emergency situations.

### **Health Services**

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#### **Outcome Statement - SLO or AUO or SSO: Mental Health Services - Patient Health Questionnaire**

Students with Depressive symptoms requesting mental health services will show improvement their Patient Health Questionnaire-9 (PHQ-9)

#### **Outcome Statement - SLO or AUO or SSO: Health Education /Outreach - healthy Lifestyle**

Health Education /Outreach: Students attending Health Center educational workshops will demonstrate an understanding of healthy lifestyle practices and demonstrate changes in behavior. Example: "Relationship Status: Dating, Hooking-Up, and Everything In-Between."

### **Industrial Design Engineering Certificate: Industrial Design Engineering - Level I- L0327**

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#### **Program Outcome: IDE Level 1 Cert L0327**

Students will accurately produce specified 3D physical prototype objects using hand and power tools.

### **Industrial Design Engineering Certificate: Industrial Design Engineering - Level II- L0329**

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#### **Program Outcome: IDE level II Cert L0329**

Program completers will be able to create concept sketches and presentations

### **Industrial Design Engineering Certificate: Industrial Design Engineering - Level III- T0328**

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#### **Program Outcome: Manufacturing Costing & Market Research**

Perform sourcing and costing research to optimize design constraints; marketing and demographic research to determine product viability and justification.

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

## **Industrial Design Engineering Certificate: Industrial Design Engineering - Level III- T0328**

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### **Program Outcome: Manufacturing Costing & Market Research**

## **International Student Program**

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### **Outcome Statement - SLO or AUO or SSO: Report Knowledge**

International Student Program will report knowledge of how well student and academic support services are benefiting them.

### **Outcome Statement - SLO or AUO or SSO: Increase Satisfaction**

International Student Program Orientation will increase participation and satisfaction as reported in a survey

### **Outcome Statement - SLO or AUO or SSO: Increase Communication Skills**

International Students who attended a workshop will increase their communication skills (verbal) with their faculty so that they feel comfortable asking questions, participating in class room discussion and meeting one on one with their professors

## **Library**

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### **Outcome Statement - SLO or AUO: Workshop: Finding Articles**

Students will locate two periodical articles relevant to a given topic using Academic Search Premier (ASP) upon completing the Finding and Evaluating Articles workshop.

**Assessment Rotation Cycle:** 2015-16

### **Outcome Statement - SLO or AUO: Workshop: Finding and Evaluating Books**

Students will locate and evaluate books for academic research using the Mt. SAC Library Catalog upon completing the Finding and Evaluating Books workshop.

**Assessment Rotation Cycle:** 2016-17

### **Outcome Statement - SLO or AUO: Workshop: Researching Careers**

Students will find career related information using Mt. SAC library resources, the California Labor Market Information Overview and the Occupational Outlook Handbook upon completing the Researching Career Choices Workshop.

**Assessment Rotation Cycle:** 2018-19

### **Outcome Statement - SLO or AUO: Workshop: Evaluating Websites**

Students will evaluate websites for college-level academic research based on articulated criteria upon completing the Evaluating Websites workshop.

**Assessment Rotation Cycle:** 2019-20

### **Outcome Statement - SLO or AUO: Workshop: Developing Topics**

Students will develop focused research questions (or statements) for college-level research assignments using reliable background information upon completing the Developing Research Topics workshop.

**Assessment Rotation Cycle:** 2018-19

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

## Library

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### **Outcome Statement - SLO or AUO: Student Success - Workshops**

Determine correlation between workshop attendance and retention, persistence, or grade point average

**Assessment Rotation Cycle:** 2015-16

### **Outcome Statement - SLO or AUO: Student Success - Textbooks**

Determine correlation between textbook availability and retention, persistence, and grade point average

## Manufacturing Technology Certificate: Machine Operator - E0956

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### **Program Outcome: Technically competent**

Students completing the certificate will be technically competent.

### **Program Outcome: Skills Demonstartion**

Demonstrate ability perform basic mill and lathe setup and operation and machine a simple industry representative component from a 2D print

## Manufacturing Technology Certificate: Manufacturing Technology - T0918

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### **Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

## Manufacturing Technology Certificate: MasterCAM - E0927

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### **Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

## Manufacturing Technology Degree: AS - Manufacturing Technology - S0918

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### **Program Outcome: Employment**

Program completers will be employed or seeking employment in their area or a related area

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

## **Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279**

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## **Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279**

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### **Program Outcome: Activities of Daily Living**

Students completing the certificate program will demonstrate the ability to provide client care, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

### **Program Outcome: Nursing Competence**

Students completing the certificate program will demonstrate nursing skills, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

### **Program Outcome: Behavioral Management**

Students completing the certificate program will demonstrate the ability to successfully intervene at all levels of client escalation/de-escalation, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

### **Program Outcome: Individual and Group Therapeutic Processes**

Students completing the certificate program will demonstrate the ability to support client efforts to achieve and maintain optimal mental health, within scope of practice, to successfully practice as an entry-level licensed psychiatric technician.

### **Program Outcome: Medication Management**

Students completing the certificate program will demonstrate the ability to safely administer medications, with scope of practice, to safely practice as an entry-level licensed psychiatric technician.

### **Program Outcome: Treatment Plan Development**

Students completing the certificate program will demonstrate the ability to participate in all areas of treatment plan development, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

## **Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208**

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### **Program Outcome: Activities of Daily Living**

Students completing the associate degree program will demonstrate the ability to provide client care, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

### **Program Outcome: Nursing Competence**

Students completing the associate degree program will demonstrate nursing skills, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

### **Program Outcome: Behavioral Management**

Students completing the associate degree program will demonstrate the ability to successfully intervene at all levels of client escalation/de-escalation, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208**

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#### **Program Outcome: Individual and Group Therapeutic Processes**

Students completing the associate degree program will demonstrate the ability to support client efforts to achieve and maintain optimal mental health, within scope of practice, to successfully practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Medication Management**

Students completing the associate degree program will demonstrate the ability to safely administer medications, with scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Treatment Plan Development**

Students completing the associate degree program will demonstrate the ability to participate in all areas of treatment plan development, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Professional Development**

Students completing the associate degree program will demonstrate the ability to develop and achieve entry-level professional goals.

### **Nursing Degree: AS - Licensed Vocational Nurse to RN - S1201**

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#### **Program Outcome: Role Transition**

Course completer will successfully complete the Role Transition course to be accepted into the Nursing Program in the second semester.

### **Nursing Degree: AS - Nursing - S1203**

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#### **Program Outcome: Employer satisfaction**

Employers will be satisfied with the educational preparation of the Mt. SAC Nursing graduates

#### **Program Outcome: Comprehensive Predictor Exam**

Nursing Program completers will score above the national average on the comprehensive predictor exam

#### **Program Outcome: NCLEX Exam**

Program graduates taking the NCLEX exam for the 1st time will cumulatively score above the national average

#### **Program Outcome: Program completers**

Nursing program completers will deliver safe and competent patient care as newly licensed registered nurses

### **Nursing Degree: AS - Psychiatric Technician to RN - S1209**

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#### **Program Outcome: Role Transition**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Nursing Degree: AS - Psychiatric Technician to RN - S1209**

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#### **Program Outcome: Role Transition**

Course completer will successfully complete the Role Transition course to be accepted into the Nursing Program in the second semester.

### **Nutrition & Food**

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#### **Outcome Statement - SLO or AUO: Self-Evaluation of Personal Wellbeing**

Students who complete NF 10, 25, 25H, and 28 courses will demonstrate meaningful self-evaluation related to increasing their lifelong personal wellbeing.

#### **Outcome Statement - SLO or AUO: Career Communication**

Provide on-going communication to inform students about earning a Dietetics degree, transferring to a four-year institution, and trends in dietetic careers.

### **Radiologic Technology Degree: AS - Radiologic Technology - S1206**

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#### **Program Outcome: Written Communication Skills**

Student/Graduate will demonstrate effective written communication skills

**Assessment Rotation Cycles:** 2016-17

#### **Program Outcome: Oral Communication Skills**

Student/Graduate will demonstrate effective oral communication skills

**Assessment Rotation Cycles:** 2016-17

#### **Program Outcome: Patient-Centered, Clinically Effective Care**

Student/Graduate will provide patient-centered, clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity or culture

**Assessment Rotation Cycles:** 2016-17

#### **Program Outcome: Professional Work Ethics**

Student/Graduate will demonstrate professional work ethics

**Assessment Rotation Cycles:** 2016-17

#### **Program Outcome: Competent Entry Level Technologist**

Student/Graduate will be well prepared to function as a competent entry-level radiologic technologist

**Assessment Rotation Cycles:** 2016-17

### **Respiratory Therapy Degree: AS - Respiratory Therapy - S1205**

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#### **Program Outcome: CRT and RRT Exam**

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

### **Respiratory Therapy Respiratory Therapy Degree: AS - Respiratory Therapy - S1205**

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#### **Program Outcome: CRT and RRT Exam**

Graduates will achieve the CRT and RRT credential

#### **Program Outcome: Program completors**

The student will demonstrate, in the laboratory and clinical setting, the correct procedures for basic Respiratory Therapy treatment modalities.

#### **Program Outcome: Program completors - 2**

The student will demonstrate, in the laboratory and clinical setting, the correct procedures for advanced Respiratory Therapy procedures to include manual and mechanical ventilation.

### **Student Life**

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#### **Outcome Statement - SLO or AUO or SSO: Club Advisors Role and Policies**

All club advisors will understand their role and how to uphold college policies and procedures as a result of Student Life office efforts, including the Advisor Handbook, and Advisor Orientation.

#### **Outcome Statement - SLO or AUO or SSO: Representation Fee sponsored events**

At least 80% of students who participate in Representation Fee sponsored events will understand of how to conduct advocacy/ policy formation.

### **Welding Certificate: Welder - Gas Tungsten Arc Welding - T0932**

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#### **Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

#### **Program Outcome: Technically competent**

Students completing the certificate will be technically competent

### **Welding Certificate: Welder - Licensed - L0930**

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#### **Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

#### **Program Outcome: Technically competent**

Students completing the certificate will be technically competent

ILO - ILO # 1. Students effectively communicate with and respond to various audiences in written, spoken or signed, and artistic forms.

**Welding Certificate: Welder - Licensed - L0930**

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**Program Outcome: Technically competent**

**Welding Degree: AS - Welding - S0919**

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**Program Outcome: Structural Steel Exam**

Program completers will be prepared to pass the Los Angeles City Structural Steel Exam

**Program Outcome: Employment**

Program completers will be employed or seeking employment in their area or a related area

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

## ACES Program

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### Outcome Statement - SLO or AUO or SSO: ACES

Students will increase their transfer applications to UC and Private schools as a result of visits to such schools

## Admissions & Records

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### Outcome Statement - SLO or AUO or SSO: Increasing Ed Plans

The population of students who have enrolled at Mt. SAC without completing an Educational Plan has grown due to a recent enrollment growth decision. Fall 2014-15 enrollees who don't have an educational plan on file will have an electronic plan on file prior to the end of the 2014-15 school year.

## Aeronautics, Transportation Certificate: FAA Aircraft Dispatcher - E0408

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### Program Outcome: FAA Aircraft Dispatcher Technical Competency

Students will comprehend the skills, techniques, and procedures used by an FAA aircraft dispatcher. Students will be able to explain the principles of the risk assessment process; analyze and determine Boeing 737 New Generation (NG) limitations and aircraft performance data; describe ETOPS and the minimum equipment required; identify trip records as well as Hazardous Materials (HAZMAT) documentation required by regulation; retrieve and interpret aviation weather charts, observations, and forecasts, and determine their applicability to a planned flight; determine the aircraft's ability to be dispatched on certain routes taking into account Operational Specifications (OPS SPECS), Code of Federal Regulations (FARs), Notice to Airmen (NOTAMS), weather, and other restrictions.

**Assessment Rotation Cycles:** 2016-17

## Aeronautics, Transportation Degree: AS - Commercial Flight - S0912

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### Program Outcome: 1. Aviation Industry and Career Planning

Students will recognize and comprehend terms and vocabulary associated with piloting and air traffic control; early federal legislation that was influential in shaping the aviation industry; the function of government in regulating the aviation industry; airline economics and demand; and career planning skills and resources.

### Program Outcome: 2. Aviation Safety and Human Factors

Students will recognize and comprehend physiology limitations humans experience in flight; comprehend the skills, techniques, and procedures of advanced crew resource management (ACRM), and applying ACRM principles in problem-solving scenarios; analyze aircraft accident case-studies and identify key factors leading to aircraft accidents.

### Program Outcome: 3. Aviation Weather and Aeronautical Decision Making

Students will identify and determine the characteristics of North American continental and worldwide weather systems; encode and decode hourly surface weather observations and pilot reports; encode and decode aviation weather forecasts and meteorological advisories; and summarize aviation weather conditions and forecasts using

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Aeronautics, Transportation Degree: AS - Commercial Flight - S0912**

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#### **Program Outcome: 3. Aviation Weather and Aeronautical Decision Making**

a variety of charts, observations, and forecasts with the goal of demonstrating good decision-making and problem-solving skills.

#### **Program Outcome: 4. Flight Operations and Flight Planning**

Students will comprehend the skills, techniques, and procedures for safely operating aircraft in primary, instrument, and commercial flight operations. Students will be able to explain the principles of flight and aerodynamics as they relate to airplanes, helicopters, and other high-performance aircraft; analyze aircraft performance data necessary for takeoff and landing and evaluate problem-solving scenarios for “go” and “no-go” decisions; analyze and apply weight and balance principles in problem-solving scenarios.

### **Alcohol and Drug Counseling Certificate: Alcohol Drug Counseling - T2101**

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#### **Program Outcome: Technical Competency**

Students completing certificate will be technically competent to safely practice as an entry-level alcohol & drug counselor.

#### **Program Outcome: Ethical competence**

Students completing the certificate will demonstrate an understanding of ethical & legal requirements for alcohol & drug counselors.

#### **Program Outcome: ADCert T2101**

Students will demonstrate the ability to apply theoretical and practical knowledge in the core competencies of alcohol & drug counselors.

#### **Program Outcome: Professional Development**

Students completing the certificate/associates degree program will demonstrate the ability to develop and achieve entry-level professional goals.

#### **Program Outcome: Skills Competency**

Students completing the certificate/associates degree program will demonstrate competency in basic counseling skills commensurate with an entry level practitioner in the addictions counseling field.

#### **Program Outcome: Behavioral Health**

Students completing the certificate/associates degree program will demonstrate the ability to assess, intervene, and refer clients with co-occurring mental health and substance abuse disorder to appropriate resources.

### **Alcohol and Drug Counseling Degree: AS - Alcohol/Drug Counseling - S2101**

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#### **Program Outcome: AD Associate's Degree Graduates**

Students will demonstrate the ability to apply theoretical and practical knowledge in the core competencies of alcohol & drug counselors

#### **Program Outcome: Technical Competency**

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Alcohol and Drug Counseling Degree: AS - Alcohol/Drug Counseling - S2101**

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#### **Program Outcome: Technical Competency**

Students completing certificate will be technically competent to safely practice as an entry-level alcohol & drug counselor.

#### **Program Outcome: AD AS S2101**

Students completing the certificate/associates degree program will demonstrate the ability to develop and achieve entry-level professional goals.

#### **Program Outcome: Ethical competence**

Students completing the certificate will demonstrate an understanding of ethical & legal requirements for alcohol & drug counselors.

#### **Program Outcome: Skills Competency**

Students completing the certificate/associates degree program will demonstrate competency in basic counseling skills commensurate with an entry level practitioner in the addictions counseling field.

#### **Program Outcome: Behavioral Health**

Students completing the certificate/associates degree program will demonstrate the ability to assess, intervene, and refer clients with co-occurring mental health and substance abuse disorder to appropriate resources.

#### **Program Outcome: Documentation and Treatment Plan Development**

Students completing the certificate/associates degree program will demonstrate the ability to prepare and develop professional treatment plans and other clinical documentation.

### **Architecture Certificate: Architectural Technology - Design Concentration Level II - T0205**

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#### **Program Outcome: Technical Competence**

Certificate holders will be technically competent

#### **Program Outcome: Arch Cert Level 2-T0205**

Students will incorporate basic principles of layout and typography in architectural presentations

### **Architecture Certificate: Architectural Technology - Design Concentration Level III - T0206**

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#### **Program Outcome: Technical competence**

Certificate holders will be technically competent

#### **Program Outcome: Arch Cert Level 3 TO206**

Students will present and evaluate the pros and cons of particular architectural design alternative solution.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Architecture Certificate: Architectural Technology - Level I - T0291**

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### **Architecture Certificate: Architectural Technology - Level I - T0291**

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#### **Program Outcome: Technical Competence**

Certificate holders will be technically competent

#### **Program Outcome: Arch Cert Level 1 T0291**

Program completers will successfully execute orthographic and 3D drawing projections

### **Architecture Certificate: Architectural Technology - Technology Concentration Level II - T0203**

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#### **Program Outcome: Technical Competence**

Certificate holders will be technically competent

#### **Program Outcome: 3. Arch Cert Lev2T0203**

Program completers will successfully execute orthographic and 3D drawing projections

### **Architecture Certificate: Architectural Technology - Technology Concentration Level III - T0204**

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#### **Program Outcome: Technical competence**

Certificate holders will be technically competent

#### **Program Outcome: ARch Cert Level 3 T0204**

Program completers will successfully execute orthographic and 3D drawing projections

### **Architecture Certificate: Construction Inspection - L0920**

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#### **Program Outcome: Technicially competent**

Students completing the certificate will be technically competent

#### **Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Architecture Degree: AS - Architectural Tech - Design Concentration - S0207**

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### **Architecture Degree: AS - Architectural Tech - Design Concentration - S0207**

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#### **Program Outcome: Employment**

Program completers will be employed or seeking employment in the field or in a related area

#### **Program Outcome: Arch AS S0207**

ARCH 29-b : Students will present and evaluate the pros and cons of particular architectural design alternative solution.

### **Architecture Degree: AS - Architectural Technology - Tech Concentration - S0201**

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#### **Program Outcome: Transfer**

Program completers will transfer to a 4 year university in a related major

#### **Program Outcome: Employment**

Program completers will be employed or seeking employment in the field or in a related field

#### **Program Outcome: Arch AS S0201**

Students will create design development and working drawing sets reflecting refined job skills in architectural CAD.

#### **Program Outcome: Technology Concentration S0201**

Students will be able to use common and architectural software for detailed 3-D computer-simulated models (both interior and exterior).

### **Arise**

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#### **Outcome Statement - SLO or AUO or SSO: Importance of Ed Plan**

75% of Arise students who complete a survey will be able to identify one reason why the educational plan is important.

### **Bridge Program**

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#### **Outcome Statement - SLO or AUO or SSO: Summer Bridge**

Summer Bridge participants will be able to identify how three support services will help the student be successful during the Summer Bridge Program.

#### **Outcome Statement - SLO or AUO or SSO: Summer Bridge\_1**

Summer Bridge participants will be able to identify how three support services will help the student be successful during the Summer Bridge Program.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

## Bridge Program

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### Outcome Statement - SLO or AUO or SSO: Summer Bridge\_1

### Outcome Statement - SLO or AUO or SSO: Peer Advisors Impact

Learning community students will report a positive experience after receiving peer advisor's mentoring, advising, and role modeling.

## Career / Transfer Services

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### Outcome Statement - SLO or AUO or SSO: Transfer 101 Workshop SLO

Upon attending a Transfer 101 CSU or UC workshop, students will be able to identify the minimum admissions requirements for a CSU or UC.

### Outcome Statement - SLO or AUO or SSO: Mock Interviews

While engaging in a mock interview with job developer, student will demonstrate appropriate interview skills, and appropriately answer eight of ten sample questions

## Certificate: Accounting - Computerized - L0503

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### Program Outcome: BUSA 75 - SLO 2

I am able to process collections from customers and update accounts receivable.

### Program Outcome: BUSA 75- SLO 3

I am able to prepare financial statements

### Program Outcome: BUSA 76 - SLO 1

I am able to solve managerial accounting problems with Excel software

## Certificate: Accounting - Payroll - E0505

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### Program Outcome: BUSA 70 - SLO 1

I am able to identify payroll records required by the employer in preparation for filing tax forms for Social Security, federal and state income tax, state disability benefits, and federal and state unemployment

### Program Outcome: BUSM 70 - SLO 2

I am able to calculate wages and withholding amounts in payroll problems

### Program Outcome: BUSM 70 - SLO 3

I am able to assemble payroll record keeping requirements for employers under current state and federal laws

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

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### **Certificate: Accounting - Payroll - E0505**

#### **Program Outcome: BUSM 70 - SLO 3**

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### **Certificate: Animal Science Fundamentals - E0360**

#### **Program Outcome: Economic Importance of Animal Industries**

Students completing their Certificate in Animal Science Fundamentals will be able to explain the historical and current economic importance of the livestock and pet animal industries.

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### **Certificate: Athletic Trainer Aide I - E0802**

#### **Program Outcome: 1. Roles & Responsibilities of a school ATC**

Identify daily tasks of operating an athletic training room, pre and post practice, and pre and post competition.

#### **Program Outcome: 2. Basic Sports medicine Terminology**

Create athletic injury documentation in hard copy format and on computerized injury tracking systems.

#### **Program Outcome: 3. Universal Precautions**

Recognize injuries and conditions to be treated that require protection of the health care provider, the patient and the health care facility.

#### **Program Outcome: 4. Athletic Injury Evaluation**

Apply the HOPS (History, Observation, Palpation, Special Tests) procedure during injury evaluation, under the supervision of a certified athletic trainer.

#### **Program Outcome: 5. Immediate Care of Athletic Injuries & Conditions**

Provide acute and sub acute care for athletic injuries and condition, including, but not limited to modalities, manual therapy and therapeutic exercise.

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### **Certificate: Basic Skills - I5002**

#### **Program Outcome: Math competency**

Students will be proficient in computation, algebra, and geometry.

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### **Certificate: Business: International - Level I - E0527**

#### **Program Outcome: BUSM 51 - SLO 1**

I am able to identify how governments influence trade

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

**Certificate: Business: International - Level I - E0527**

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**Program Outcome: BUSM 51 - SLO 1**

**Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

**Certificate: Business: International - Level II - L0597**

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**Program Outcome: BUSM 61 - SLO 1**

I am able to apply management concepts and functions

**Certificate: Business: International - Level III - L0528**

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**Program Outcome: BUSM 52 - SLO 1**

I am able to explain how a small business can prepare to conduct export operations

**Certificate: Business: Management - Level I - E0525**

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**Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

**Program Outcome: BUSM 61 - SLO 1**

I am able to apply management concepts and functions

**Program Outcome: BUSS 36 - SLO 1**

I have developed a working knowledge of marketing terminology

**Certificate: Business: Management - Level II - L0586**

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**Program Outcome: BUSM 60 - SLO 1**

I am able to define organizational culture, socialization and mentoring

**Program Outcome: BUSM 60 - SLO 2**

I am able to analyze social perception

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

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**Certificate: Business: Management - Level II - L0586**

**Program Outcome: BUSM 62 - SLO 1**

I am able to explain theory and practical application of Equal Employment Opportunity current employment laws

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**Certificate: Business: Management - Level III - T0526**

**Program Outcome: BUSA 7 - SLO 1**

I am able to describe the basic accounting system and how it is used to serve business needs

**Program Outcome: BUSM 10 - SLO 1**

I am able to define and outline the key principles of continuous quality management

**Program Outcome: BUSM 51 - SLO 1**

I am able to identify how governments influence trade

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**Certificate: Business: Retail Management - Level I - E0500**

**Program Outcome: BUSO 25 - SLO 1**

I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content

**Program Outcome: BUSO 25 - SLO 2**

I am able to use informative and sales letters to convey information and influence people favorably

**Program Outcome: BUSO 25 - SLO 3**

I am able to develop and deliver a 3-5 minute presentation on a business related topic

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**Certificate: Business: Retail Management - Level II - L0591**

**Program Outcome: BUSM 61 - SLO 1**

I am able to apply management concepts and functions

**Program Outcome: BUSM 62 - SLO 1**

I am able to explain theory and practical application of Equal Employment Opportunity current employment laws

**Program Outcome: BUSS 36 - SLO 1**

I have developed a working knowledge of marketing terminology

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

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**Certificate: Business: Retail Management - Level II - L0591**

**Program Outcome: BUSS 36 - SLO 1**

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**Certificate: Business: Retail Management - Level III - T0521**

**Program Outcome: BUSA 7 - SLO 1**

I am able to describe the basic accounting system and how it is used to serve business needs

**Program Outcome: BUSM 60 - SLO 1**

I am able to define organizational culture, socialization and mentoring

**Program Outcome: BUSO 26 - SLO 1**

I am able to apply communication skills in simulated business situations such as conferences and business groups

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**Certificate: Business: Small Business Management - Level I - E0529**

**Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

**Program Outcome: BUSM 66 - SLO 1**

I am able to describe business planning for small business

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**Certificate: Business: Small Business Management - Level II - L0588**

**Program Outcome: BUSM 60 - SLO 1**

I am able to define organizational culture, socialization and mentoring

**Program Outcome: BUSM 61 - SLO 1**

I am able to apply management concepts and functions

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**Certificate: Business: Small Business Management - Level III - T0590**

**Program Outcome: BUSA 7 - SLO 1**

I am able to describe the basic accounting system and how it is used to serve business needs

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

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### **Certificate: Business: Small Business Management - Level III - T0590**

#### **Program Outcome: BUSM 10 - SLO 2**

I am able to contrast quality management theory and previous management thought

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### **Certificate: Consumer Relations - B0326**

#### **Program Outcome: Meaningful Sel-Evaluation**

Students completing the Consumer Relations Certificate (B0326) program will demonstrate meaningful self-evaluation related to increasing their lifelong personal well-being.

#### **Program Outcome: Determine Goals**

Students completing the Consumer Relations Certificate (B0326) program will be able to determine their short term, intermediate and long term goals.

#### **Program Outcome: Consumer Resources**

Students completing the Consumer Relations Certificate will be able to identify consumer related laws and government agencies.

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### **Certificate: English as a Second Language - 24054**

#### **Program Outcome: ESL Certificate**

Certificate completers will demonstrate advanced-level skill achievement (VESL 1) in English language proficiency.

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### **Certificate: English as a Second Language - Advanced - 30376**

#### **Program Outcome: ESL Certificate - Advanced**

Certificate completers will demonstrate advanced-level skill achievement in English language proficiency.

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### **Certificate: English as a Second Language - Beginning - 30375**

#### **Program Outcome: ESL Certificate - Beginning**

Certificate completers will demonstrate beginning-level skill achievement in English language proficiency.

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### **Certificate: English as a Second Language - Intermediate - 30374**

#### **Program Outcome: ESL Certificate - Intermediate**

Certificate completers will demonstrate intermediate-level skill achievement in English language proficiency.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Certificate: English as a Second Language - Intermediate - 30374**

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#### **Program Outcome: ESL Certificate - Intermediate**

### **Certificate: Gallery Design, Operation and Art Profession - E1020**

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#### **Program Outcome: Aesthetic Base**

Upon the successful completion of this program, students will have completed the foundation courses of the major which are the aesthetic base needed for transfer into bachelors programs or independent work as an artist.

#### **Program Outcome: Problem Solving**

Upon the successful completion of this program, students will be able to apply critical thinking skills to original work.

#### **Program Outcome: Design Concepts**

Upon the successful completion of this program, students will be able to apply the elements and principles of design to original art work.

#### **Program Outcome: Visual Concepts in Communication**

Upon the successful completion of this program, students will be able to apply visual arts concepts that are basic to many forms and fields of art and design in visual, oral, and written communication.

#### **Program Outcome: Art Analysis and Critique**

Upon the successful completion of this program, students will be able to analyze historical, contemporary, peer, and personal visual artwork that range in modes of artistic expression.

#### **Program Outcome: Cultural and Historical Context**

Upon the successful completion of this program, students will be able to demonstrate in oral, written and studio work familiarity with the history of western art.

#### **Program Outcome: Technical Application**

Upon the successful completion of this program, students will be proficient in a variety of visual art techniques and tools using them to explore a range of subjects, media, styles and formats.

#### **Program Outcome: Professional Practices**

Upon the successful completion of this program, students will create independent original work in the area of their focus demonstrating basic professional practices.

### **Certificate: Graphic Design - Level II - T0321**

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#### **Program Outcome: Research**

research and interpret information necessary to develop an effective message(s) and strategy for a commercial art assignment.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Certificate: Graphic Design - Level II - T0321**

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#### **Program Outcome: Creativity & Ideation**

develop and communicate creative, visual solutions for a commercial art assignment.

#### **Program Outcome: Design**

design commercial art products that effectively utilize principles and elements of design.

#### **Program Outcome: Production**

select and use appropriate, industry standard tools and technology to produce commercial art products.

#### **Program Outcome: Presentation**

present their commercial art products, explaining and defending their strategic choices, creative ideas and design decisions.

### **Certificate: Horse Ranch Management - Level I - E0361**

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#### **Program Outcome: Production/Business Plans**

Students will design a production/business plan for a horse-related activity

#### **Program Outcome: Animal Welfare**

Students completing a certificate in Horse Ranch Management will be able to address animal welfare requirements when designing and implementing an equine management system (Inactive)

### **Certificate: Horse Ranch Management - Level II - L0376**

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#### **Program Outcome: Professional Conduct**

Students completing the Horse Ranch Management certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Production/Business Plans**

Students will design a production/business plan for a horse-related activity

#### **Program Outcome: Animal Welfare**

Students completing a certificate in Horse Ranch Management will be able to address animal welfare requirements when designing and implementing an equine management system

### **Certificate: Horticulture Science - L0394**

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ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Certificate: Horticulture Science - L0394**

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#### **Program Outcome: Soil analysis and recommendations**

Certificate completers will be able to evaluate the soil conditions at an existing site and make specific recommendations for the immediate and long-term correction of all problems

### **Certificate: Interior Landscaping - L0106**

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#### **Program Outcome: Customer Relations**

Students completing the Interior Landscaping Certificate will be able to demonstrate competency in one on one customer relations.

### **Certificate: Landscape and Park Maintenance - L0357**

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#### **Program Outcome: Integrated Pest Management Program**

Certificate completers will be able to formulate and implement a complete Integrated Pest Management program for a specific site

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Landscape Construction - L0393**

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#### **Program Outcome: Contracts**

Students completing the certificate will be able to prepare and implement a Home Improvement Contract.

#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Operating Fundamentals**

Students completing this certificate will be able to demonstrate fundamentals of operating tractors and equipment covered in class

#### **Program Outcome: Landscape Construction Tools**

Students completing this certificate will be able to identify and correctly use the proper tool needed for landscape projects.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Certificate: Landscape Design I - L0368**

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### **Certificate: Landscape Design I - L0368**

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#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Landscape Construction Tools**

Students completing this certificate will be able to identify and correctly use the proper tool needed for landscape projects.

#### **Program Outcome: Binomial nomenclature**

Certificate completers will be able to explain the binomial method of plant nomenclature.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

#### **Program Outcome: Soil analysis and recommendations**

Certificate completers will be able to evaluate the soil conditions at an existing site and make specific recommendations for the immediate and long-term correction of all problems

### **Certificate: Landscape Design II - L0396**

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#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Landscape Construction Tools**

Students completing this certificate will be able to identify and correctly use the proper tool needed for landscape projects.

#### **Program Outcome: Binomial nomenclature**

Certificate completers will be able to explain the binomial method of plant nomenclature.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

#### **Program Outcome: Soil analysis and recommendations**

Certificate completers will be able to evaluate the soil conditions at an existing site and make specific recommendations for the immediate and long-term correction of all problems

#### **Program Outcome: Soft Skills**

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Certificate: Landscape Design II - L0396**

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#### **Program Outcome: Soft Skills**

Students successfully completing this certificate will be able to make a professional landscape design presentation to a customer

#### **Program Outcome: Technical Proficiency**

Students completing this certificate will be technically proficient at computer aided design (cad)

### **Certificate: Landscape Equipment Technology - L0358**

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#### **Program Outcome: Small Engine Overhaul**

Students completing the certificate will learn engine disassembly, evaluation of components, and reassembly of small air-cooled gasoline engine

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Landscape Irrigation - L0110**

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#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing this certificate will be able to give a professional quality oral presentation

### **Certificate: Livestock Production Management - E0363**

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#### **Program Outcome: Technical proficiency**

Certified Students of the Agriculture Program will be technically proficient.

#### **Program Outcome: production/business plan**

Students completing the livestock certificate will be able to design a comprehensive production/business plan for various livestock species

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Certificate: Livestock Production Management - E0363**

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**Program Outcome: production/business plan**

**Program Outcome: Animal Welfare**

Completers of this program will address animals welfare requirement when designing and implementing a livestock management system.

### **Certificate: Marketing Management - L0510**

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**Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

**Program Outcome: BUSS 35 - SLO 1**

I am able to list the characteristics of a successful salesperson

**Program Outcome: BUSS 36 - SLO 1**

I have developed a working knowledge of marketing terminology

### **Certificate: Nursery Management - L0107**

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**Program Outcome: Professional Conduct**

Students completing the certificate will be able to demonstrate professional conduct.

**Program Outcome: Technical Proficiency**

Students completing the certificate will be technically proficient.

**Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Nutrition - E0353**

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**Program Outcome: Self Evaluation**

Students completing the Nutrition Certificate will be able to demonstrate meaningful self-evaluation of their current food choices related to increasing their lifelong personal wellbeing.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Certificate: Nutrition - E0353**

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#### **Program Outcome: Self Evaluation**

#### **Program Outcome: Practical Skills**

Students completing the Nutrition Certificate will demonstrate proficiency in practical skills, such as using kitchen equipment properly and demonstrating proficiency in appropriate technology.

### **Certificate: Park Management - T0186**

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#### **Program Outcome: Technical Proficiency**

Students completing the certificate will be technically proficient

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Pet Science - T0104**

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#### **Program Outcome: Animal Welfare**

Students completing a certificate in Pet Science will be able to address animal welfare requirements when designing and implementing an animal management system.

### **Certificate: Photography - Level I - L0348**

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#### **Program Outcome: Produce Quality Imagery**

Upon the successful completion of this program, the student will use critical thinking skills and be able to analyze and assess photographic situations, solve technical problems, and overcome creative challenges as they arise in the production of high quality still and motion imagery for professional, editorial, commercial or fine art applications.

#### **Program Outcome: Visual Communication**

Upon the successful completion of this program, the student will be able to design and construct still and motion imagery that can communicate ideas or narratives effectively for commercial, editorial, or fine art purposes.

#### **Program Outcome: Understand Business Practices**

Upon successful completion of this program the student will have the knowledge and skills pertinent to the operation of a freelance photography business and sound

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Certificate: Photography - Level I - L0348**

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#### **Program Outcome: Understand Business Practices**

business practices in the trade.

#### **Program Outcome: Work as a Collaborator**

Upon the successful completion of this program, the student will be able to usefully participate in the collaborative environment of commercial art fields.

#### **Program Outcome: Discuss and Critique Imagery**

Upon the successful completion of this program, the student will be able to analyze, discuss, and critique the various technical, aesthetic, conceptual, historical and cultural aspects of a photograph.

### **Certificate: Public Works/Landscape - B0120**

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#### **Program Outcome: Professional Oral Presentation**

Students completing the Public Works/ Landscape Certificate will be able to give a professional quality oral presentation.

### **Certificate: Radio Broadcasting: Behind the Scenes - T0606**

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#### **Program Outcome: Producer**

Develop and implement ideas for a radio show

#### **Program Outcome: Programming**

Develop a format for a radio station

### **Certificate: Real Estate Sales - E0342**

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#### **Program Outcome: Real Estate Sales**

Students completing the Real Estate Sales Certificate Program (three statutory classes per the Bureau of Real Estate) will have the requisite knowledge to pass the California Real Estate Sales Exam

#### **Program Outcome: State Exam Success Rate**

Mt. SAC real estate students will meet or exceed the state average for success or passage on the state licensing exam.

### **Certificate: Secondary Education - Q7001**

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ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Certificate: Secondary Education - Q7001**

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#### **Program Outcome: Final exams**

Students will pass final exams (cumulative) in high school courses.

### **Certificate: Sign Language/Interpreting - T0801**

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#### **Program Outcome: Language and Culture**

Students will identify the influence of culture on human expression

#### **Program Outcome: Visual Language**

Students will identify aspects of visual/manual expression as linguistically valid as parallel auditory/spoken expression

### **Certificate: Sports Turf Management - L0112**

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#### **Program Outcome: Sports Turf Assessment**

Certificate completers will be able to formulate and propose an all-inclusive management program for a sports turf area

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Television Crew - L0354**

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#### **Program Outcome: Entry-level skills**

RTV program students will feel that they have an increased possession of the skills required for entry-level work in the entertainment industry.

#### **Program Outcome: 3 Production Types**

Function in three types of production: Narrative (film-style), TV Studio, and live Remote Multicamera production in any role.

#### **Program Outcome: Creative Teamwork**

Use communication, artistic and technical skills to collaboratively create programs as part of a team in any role, from writer to editor.

#### **Program Outcome: Avid software skills**

Use Avid Media Composer to the level necessary for an editing internship.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Certificate: Television Crew - L0354**

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#### **Program Outcome: Avid software skills**

#### **Program Outcome: ePortfolio**

Present an ePortfolio containing video and written work to prospective employers, universities and scholarship committees.

#### **Program Outcome: Visual Storytelling**

Apply aesthetic and technical skills in telling a story visually.

### **Certificate: Tree Care and Maintenance - L0111**

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#### **Program Outcome: Identify Landscape trees and shrubs**

Certificate completers will be able to identify common landscape trees and woody shrubs

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Chemistry**

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#### **Outcome Statement - SLO or AUO: Chemistry Course Assessments**

Complete SLO and GEO assessments and analysis and implement curriculum improvement

### **Counseling**

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#### **Outcome Statement - SLO or AUO or SSO: Orientation**

As a result of participating in counselor facilitated orientation, 75% of the students assessed will feel confident about starting their first semester at Mt. SAC.

### **Degree: AA - Liberal Arts Emphasis Business - A8981**

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#### **Program Outcome: BUSA 7 - SLO 1**

I am able to describe the basic accounting system and how it is used to serve business needs

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Degree: AA - Liberal Arts Emphasis Business - A8981**

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#### **Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

#### **Program Outcome: BUSO 25 - SLO 1**

I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content

### **Degree: AA - Liberal Arts Emphasis Communication - A8982**

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#### **Program Outcome: Information Analysis**

Students will critically analyze information and arguments.

#### **Program Outcome: Research**

Students will select and research an appropriate topic and thesis.

#### **Program Outcome: Organization**

Students will logically organize supporting materials into a well-crafted presentation.

#### **Program Outcome: Delivery and Confidence**

Students will demonstrate effective verbal and non-verbal delivery skills to present a message to a live audience in a confident manner.

#### **Program Outcome: Problem Solving**

Students will formulate communication solutions to problems in a range of contexts.

#### **Program Outcome: Diversity**

Students will create messages appropriate for diverse audiences and listener.

#### **Program Outcome: Personal Awareness**

Students will develop an improved understanding of themselves as communicators.

### **Degree: AA - Liberal Arts Emphasis Environmental Studies - A0411**

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#### **Program Outcome: Scientific analysis**

Demonstrate understanding of scientific inquiry and quantitative reasoning

**Assessment Rotation Cycles:** 2016-17

#### **Program Outcome: Environmental impact**

Analyze the impact of humans on the environment

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

**Degree: AA - Liberal Arts Emphasis Environmental Studies - A0411**

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**Program Outcome: Environmental impact**

**Program Outcome: Impact on social institutions**

Analyze the impact of human behavior and beliefs on social institutions

**Degree: AA - Liberal Arts Emphasis Fine Arts - A8983**

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**Program Outcome: Foundation Course Completion**

Upon the successful completion of this program, students will have completed the foundation courses of the major which are the aesthetic base needed for transfer into bachelors programs or independent work as an artist.

**Program Outcome: Critical Analysis**

Upon the successful completion of this program, students will be able to apply critical thinking skills to original work.

**Program Outcome: Elements and Principles of Design**

Upon the successful completion of this program, students will be able to apply the elements and principles of design to original art work.

**Program Outcome: Visual Concepts**

Upon the successful completion of this program, students will be able to apply visual arts concepts that are basic to many forms and fields of art and design in visual, oral, and written communication

**Program Outcome: Art Analysis and Critique**

Upon the successful completion of this program, students will be able to analyze historical, contemporary, peer, and personal visual artwork that range in modes of artistic expression.

**Program Outcome: Cultural and Historical Context**

Upon the successful completion of this program, students will be able to demonstrate in oral, written and studio work familiarity with the history of western art.

**Program Outcome: Technical Application**

Upon the successful completion of this program, students will be proficient in a variety of visual art techniques and tools using them to explore a range of subjects, media, styles and formats.

**Program Outcome: Professional Practices**

Upon the successful completion of this program, students will create independent original work in the area of their focus demonstrating basic professional practices.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

**Degree: AA - Liberal Arts Emphasis Humanities - A8984**

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**Degree: AA - Liberal Arts Emphasis Humanities - A8984**

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**Program Outcome: Cultural Context**

Upon completion of the program, students will be able to identify the influence and interrelationship of culture on human and artistic expression

**Assessment Rotation Cycles:** 2014-15, 2015-16, 2016-17

**Program Outcome: Cultural Diversity**

Upon successful completion of this program, the student will demonstrate an understanding of other cultures, including through the study of foreign language, the arts, and humanistic thought

**Program Outcome: Artistic Expression**

Upon completion of the program, students will be able to formally analyze modes of artistic expression (visual arts, music and literature).

**Program Outcome: Impact of Sociopolitical and Natural Environment**

Upon successful completion of this program, the student will demonstrate knowledge of philosophy and politics and the natural environment, including the relationship between social, political, and/or economic institutions and human behavior.

**Degree: AA - Liberal Arts Emphasis Kinesiology and Wellness - A8986**

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**Program Outcome: 1. Kinesiology Pedagogy**

Upon completion of the AA with KIN Emphasis, students will have an understanding of kinesiology, health promotion, and the mechanics of human bodily movement.

**Program Outcome: 2. Kinesiology Related Pedagogy**

Upon completion of the AA with KIN Emphasis, students will have an understanding of Anatomy, Nutrition as well as Behavior Development as it applies to Kinesiology.

**Program Outcome: 3. Movement Skills**

Upon completion of the AA with KIN Emphasis, students will be able to demonstrate competence in several activities.

**Program Outcome: 4. Career Preparation**

Upon completion of the AA with KIN Emphasis, students will be provided with an opportunity to prepare for transfer or a career in the field of human movement and wellness.

**Program Outcome: 5. Personal Wellbeing**

Upon completion of the AA with KIN Emphasis, students will be able to examine personal health-related behavioral patterns, select goals and formulate appropriate health and fitness strategies.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

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**Degree: AA - Liberal Arts Emphasis Kinesiology and Wellness - A8986**

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**Program Outcome: 5. Personal Wellbeing**

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**Degree: AA - Liberal Arts Emphasis Language Arts - A8987**

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**Program Outcome: Language acquisition and usage**

Students will demonstrate language acquisition and usage through reading, writing, listening, signing or speaking within a diverse environment

**Assessment Rotation Cycles:** 2014-15, 2015-16, 2016-17

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**Degree: AA - Liberal Arts Emphasis Math - A8989**

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**Program Outcome: Critical Thinking**

A student earning this degree will be able to demonstrate critical thinking skills in solving an application problem in the math and computer science courses that the student takes.

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**Degree: AA - Liberal Arts Emphasis Music A8990**

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**Program Outcome: Figured Bass Realization, Diatonic**

Students will be able to realize a diatonic figured bass and analyze its figures for harmony (using Roman numerals). This figured bass may include figures for diatonic triads in any inversion and figures for the dominant seventh chord in any inversion.

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**Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988**

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**Program Outcome: Modeling**

Analyze and model chemical, physical or biological systems using scientific and/or mathematical methods.

**Program Outcome: Experimentation**

Design and conduct experiments using appropriate tools to answer scientific questions

**Program Outcome: Critical Thinking**

Critically read, interpret, and analyze a range of complex text and data to make connections and draw meaningful conclusions.

**Program Outcome: Communication**

Communicate scientific principles and applications effectively, both verbally and in writing.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

**Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988**

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**Program Outcome: Impact**

Describe the impact of humans and our technology in an environmental and societal context.

**Program Outcome: Life-Long Learning**

Pursue further study or life-long learning in the sciences

**Program Outcome: Teamwork**

Work collaboratively to reach a common goal or solve a problem.

**Degree: AA - Liberal Arts Emphasis Social and Behavioral Sciences - A8991**

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**Program Outcome: GEO Area D Social, Political, and Economic Institutions**

Students will analyze the relationship between social, political, and/or economic institutions and human behavior.

**Program Outcome: Apply statistics**

Upon successful completion of this program, the student will be able to recognize and apply appropriate statistics to various topics within the social and behavioral sciences.

**Program Outcome: Diversity**

Upon successful completion of this program, the student will be able to analyze cultural and gender diversity in humans.

**Program Outcome: Development**

Upon successful completion of this program, the student will be able to explain the development of the person within society.

**Program Outcome: Biology and behavior**

Upon successful completion of this program, the student will be able to explain how biology relates to behavior or society.

**Program Outcome: Historical and Political Implications**

Upon successful completion of this program, the student will be able to discuss historical and political implications on society.

**Degree: AA-T - Art History - A0330**

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**Program Outcome: Formal Analysis**

Students will demonstrate the ability to critically analyze visual objects as works of art.

**Assessment Rotation Cycles:** 2014-15, 2015-16, 2016-17

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Degree: AA-T - Art History - A0330**

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#### **Program Outcome: Modes of Artistic Expression**

Students completing a course in "Area C: Arts" will be able to analyze modes of artistic expression.

#### **Program Outcome: Contextual analysis**

Students will demonstrate the ability to critically analyze visual objects as artifacts of visual culture from a variety of perspectives, utilizing various modes of analysis.

### **Degree: AA-T - Communication Studies - A0325**

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#### **Program Outcome: Information Analysis**

Upon successful completion of the AAT in Communication Studies, students will critically analyze information and arguments.

#### **Program Outcome: Research**

Upon successful completion of the AAT in Communication Studies, students will select and research an appropriate topic and thesis.

#### **Program Outcome: Organization**

Upon successful completion of the AAT in Communication Studies, students will logically organize supporting materials into a well-crafted presentation.

#### **Program Outcome: Delivery and Confidence**

Upon successful completion of the AAT in Communication Studies, students will demonstrate effective verbal and non-verbal delivery skills to present a message to a live audience in a confident manner.

#### **Program Outcome: Problem Solving**

Upon successful completion of the AAT in Communication Studies, students will formulate communication solutions to problems in a range of contexts.

#### **Program Outcome: Diversity**

Upon successful completion of the AAT in Communication Studies, students will create messages appropriate for diverse audiences and listener.

#### **Program Outcome: Personal Awareness**

Upon successful completion of the AAT in Communication Studies, students will develop an improved understanding of themselves as communicators.

### **Degree: AA-T - English - A0332**

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#### **Program Outcome: Academic Essay**

Students will be able to write an essay using appropriate academic format.

#### **Program Outcome: Researched Analytical Papers**

Students will be able to write researched analytical papers using proper documentation.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Degree: AA-T - English - A0332**

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#### **Program Outcome: Researched Analytical Papers**

#### **Program Outcome: Literary Analysis**

Students will be able to analyze major themes in a range of literary genres.

#### **Program Outcome: Compare Literary Elements**

Students will be able to compare and contrast literary elements such as authorial approaches, narrative styles, character development, and thematic concerns.

#### **Program Outcome: Recognize Cultural Influences**

Students will be able to recognize cultural influences on literature.

### **Degree: AA-T - Geography - A0356**

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#### **Program Outcome: Geographic Principles**

Apply geographic principles to particular world regions.

#### **Program Outcome: Human Environment Relationships**

Analyze the fundamental relationship between humans and the environment.

#### **Program Outcome: Spatial Variation**

Evaluate the spatial variation in human and physical processes.

### **Degree: AA-T - History - A0334**

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#### **Program Outcome: Institutions**

Students will analyze the relationship between social, political, and/or economic institutions and human behavior from a historical perspective

**Assessment Rotation Cycles:** 2014-15, 2015-16, 2016-17

#### **Program Outcome: Change**

Students will identify and evaluate major agents of change/reform across time in the United States and other countries and continents.

#### **Program Outcome: Constitutional changes**

Students will differentiate among changes in American Constitutional government over time and discuss its impact.

#### **Program Outcome: Culture and diversity**

Students will identify the influence of culture on human expression and analyze cultural and gender diversity in humans.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

**Degree: AA-T - Journalism - A0400**

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**Degree: AA-T - Journalism - A0400**

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**Program Outcome: Mass media**

Students will critically and ethically evaluate and apply functions of the mass media.

**Assessment Rotation Cycles:** 2016-17

**Program Outcome: Content creation and analysis**

Students will create and/or analyze content in diverse settings.

**Assessment Rotation Cycles:** 2016-17

**Degree: AA-T - Music - A0347**

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**Program Outcome: Analysis and Composition**

Students will demonstrate proficiency in the analysis and composition of tonal music.

**Program Outcome: History and Literature**

Students will comprehend and communicate in writing the cultural and historical contexts of music, as well as stylistic differences, in the Western classical traditions.

**Degree: AA-T - Philosophy**

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**Program Outcome: Soundness of argument**

When given a philosophical question, students will be able to determine the soundness of an argument based on criteria for evaluating the argument.

**Program Outcome: Philosophical analysis**

Students will be able to use philosophical methods, assumptions, and principles to analyze ideas, positions and situations.

**Degree: AA-T - Political Science - A0345**

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**Program Outcome: U.S. Government and Political Institutions**

Explain political institutions and processes of the United States government.

**Program Outcome: Research Methodology**

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Degree: AA-T - Political Science - A0345**

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#### **Program Outcome: Research Methodology**

Identify research and statistical methods appropriate to Political Science.

#### **Program Outcome: Political Theory**

Compare and contrast major theoretical perspectives in Political Science.

#### **Program Outcome: International Relations**

Analyze the relationships between governments globally.

#### **Program Outcome: Comparative Politics**

Compare and contrast the institutions and processes of governments around the world.

#### **Program Outcome: Relationship between social, political, and/or economic institutions and human behavior.**

Students will analyze the relationship between social, political, and/or economic institutions and human behavior.

### **Degree: AA-T - Psychology - A0324**

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#### **Program Outcome: Matriculating**

Upon successful completion of this program, the student will be able to matriculate to a Bachelor's program in psychology or a related discipline.

#### **Program Outcome: Describe research and statistics**

Upon successful completion of this program, the student will be able to describe research and statistical methods appropriate to psychology

#### **Program Outcome: Theoretical Perspectives**

Upon successful completion of this program, the student will be able to compare and contrast major theoretical perspectives in psychology.

#### **Program Outcome: Biology and behavior**

Upon successful completion of this program, the student will be able to synthesize relationships between biological and behavioral functions.

### **Degree: AA-T - Sociology**

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#### **Program Outcome: Mastery of Theoretical Applications to Inequality and Change**

Students will be able to use sociological theories to evaluate the basic dimensions of social inequality and social change.

#### **Program Outcome: Mastery of the Sociological Perspective**

Students will be able to make theoretically-informed recommendations to address current social problems, and demonstrate the utility of the sociological perspective for their lives.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Degree: AA-T - Sociology**

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#### **Program Outcome: Mastery of the Sociological Perspective**

### **Degree: AA-T - Studio Arts - A0395**

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#### **Program Outcome: Aesthetic Base**

Upon the successful completion of this program, students will be prepared to transfer to the California State University system or other public and private colleges and universities to complete Bachelor of Arts or Bachelor of Fine Arts in Art, Studio Art, Fine Art, or Visual Art degrees.

#### **Program Outcome: Visual Arts Concepts in Communication**

Upon the successful completion of this program, students will be able to apply visual arts concepts that are basic to many forms and fields of art and design in visual, oral, and written communication.

#### **Program Outcome: Art Analysis and Critique**

Upon the successful completion of this program, students will be able to analyze historical, contemporary, peer, and personal visual artwork that range in modes of artistic expression.

### **Degree: AA-T - Theater Arts - A0346**

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#### **Program Outcome: Creating a Character**

Upon the successful completion of this program, the student will be able to use script analysis and performance techniques to create a character in a live theater performance.

#### **Program Outcome: Critiquing a Theater Production**

Upon the successful completion of this program, the student will be able to analyze and critique the various aspects of a theater production (acting, directing and design) without making value judgments.

#### **Program Outcome: Performing as a Theater Technician**

Upon the successful completion of this program, the student will be able to perform various tasks associated with the creation and implementation of the technical elements (lights, sound, lighting, costumes, and makeup) of a live theater production.

#### **Program Outcome: Cultural and Historical Context**

Upon successful completion of this program the student will be able to analyze and critique elements of the production in their historical and cultural context.

### **Degree: AS - Administrative Assistant - S0514**

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ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Degree: AS - Administrative Assistant - S0514**

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#### **Program Outcome: Presentation Skills**

Students completing an Administrative Assistant Degree (S0514) will be able to create and present a visual slide presentation to include text, graphic objects, design theme, slide transition, and object animation.

#### **Program Outcome: Word Processing skills**

Students completing an Administrative Assistant Degree (S0514) will be able to create a document in which text, paragraphs, and layout are formatted effectively and efficiently using word processing software (Word).

### **Degree: AS - Agri-Technology - S0101**

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#### **Program Outcome: Understanding of World Agriculture**

Students completing the Agri-Technology Degree will be able to demonstrate an understanding of the interdependence of world agriculture systems.

#### **Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

### **Degree: AS - Animation - S1006**

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#### **Program Outcome: Create 2D animation short films**

Upon successful completion of this program, students will be able to plan, produce, collaborate on, and create 2D art and animation assets for use in games and animation productions.

#### **Program Outcome: Create 3D animation short films**

Students will be able to plan, produce, collaborate on, and create 3D models of objects and environments that can be used in games, and animation productions.

#### **Program Outcome: Create Storyboards**

Upon successful completion of this program, students will be able to plan, develop, and collaborate on storyboards for short animation and game productions.

#### **Program Outcome: Create games**

Upon successful completion of this program, students will be able to design, collaborate on, work with external developers and produce board games, and digital games.

### **Degree: AS - Business - Management - S0506**

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ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Degree: AS - Business - Management - S0506**

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#### **Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

#### **Program Outcome: BUSM 51 - SLO 1**

I am able to identify how governments influence trade

#### **Program Outcome: BUSM 61 - SLO 1**

I am able to apply management concepts and functions

### **Degree: AS - Equipment Technology - S0118**

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#### **Program Outcome: Operating Fundamentals**

Students completing the Equipment Technology Degree will be able to demonstrate fundamentals of operating tractors and equipment covered in class

#### **Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

#### **Program Outcome: Small engine overhaul**

Students completing the degree will be proficient in engine disassembly, evaluation of components, and reassembly of small air-cooled gasoline engine

### **Degree: AS - Graphic Design- S0318**

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#### **Program Outcome: Research**

research and interpret information necessary to develop an effective message(s) and strategy for a commercial art assignment.

#### **Program Outcome: Creativity & Ideation**

develop and communicate creative, visual solutions for a commercial art assignment.

#### **Program Outcome: Design**

design commercial art products that effectively utilize principles and elements of design.

#### **Program Outcome: Production**

select and use appropriate, industry standard tools and technology to produce commercial art products.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

**Degree: AS - Graphic Design- S0318**

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**Program Outcome: Presentation**

present their commercial art products, explaining and defending their strategic choices, creative ideas and design decisions.

**Degree: AS - Horse Ranch Management - S0102**

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**Program Outcome: Production/Business Plans**

Students completing the Horse Ranch Management degree will be able to design a comprehensive production/business plan for various horse-related activities

**Program Outcome: Entry-Level Job**

Students completing the Horse Ranch Management Degree will be able to obtain an entry-level position in the horse industry

**Degree: AS - Human Resources Mgmt - S0530**

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**Program Outcome: BUSM 61 - SLO 1**

I am able to apply management concepts and functions

**Program Outcome: BUSM 62 - SLO 1**

I am able to explain theory and practical application of Equal Employment Opportunity current employment laws

**Program Outcome: BUSO 25 - SLO 1**

I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content

**Degree: AS - Integrated Pest Management - S0311**

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**Program Outcome: Technical Proficiency**

Students completing the degree will be technically proficient.

**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

**Program Outcome: Integrated Pest Management Program**

Degree completers will be able to formulate and implement a complete Integrated Pest Management program for a specific site.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

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**Degree: AS - Integrated Pest Management - S0311**

**Program Outcome: Integrated Pest Management Program**

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**Degree: AS - Interior Design S1301**

**Program Outcome: Design**

Students will successfully design a space based on a concept.

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**Degree: AS - International Business - S0507**

**Program Outcome: BUSM 51 - SLO 1**

I am able to identify how governments influence trade

**Program Outcome: BUSM 52 - SLO 1**

I am able to explain how a small business can prepare to conduct export operations

**Program Outcome: BUSM 66 - SLO 1**

I am able to describe business planning for small business

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**Degree: AS - Livestock Management - S0103**

**Program Outcome: Production/Business plans**

Students the Livestock Management degree will be able to design a comprehensive production/business plan for various livestock species

**Program Outcome: transfer**

Completers of this degree can successfully transfer to the CSU and UC system.

**Program Outcome: Animal Welfare**

Completers of this program will address animals welfare requirements when designing and implementing a livestock management system.

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**Degree: AS - Marketing Management - S0510**

**Program Outcome: BUSS 36 - SLO 1**

I have developed a working knowledge of marketing terminology

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

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**Degree: AS - Marketing Management - S0510**

**Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

**Program Outcome: BUSS 35 - SLO 1**

I am able to list the characteristics of a successful salesperson.

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**Degree: AS - Ornamental Horticulture - S0119**

**Program Outcome: Technical Proficiency**

Students completing the degree will be technically proficient.

**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

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**Degree: AS - Paralegal/Legal Assistant - S0310**

**Program Outcome: Student confidence**

Students completing the Paralegal / Legal Assistant Degree (S0310) will have increased their confidence in basic paralegal skills.

**Program Outcome: Perform legal work**

Students completing the Paralegal / Legal Assistant Degree (S0310) will competently prepare basic legal documents such as motions and discovery, as they would be asked to do under the direction and supervision of a licensed attorney.

**Program Outcome: Certification: LexisAdvance**

Students completing the Paralegal / Legal Assistant Degree (S0310) will have earned LexisAdvance certification for paralegals.

**Program Outcome: Certification: Westlaw**

Students completing the Paralegal / Legal Assistant Degree (S0310) will have earned Westlaw certification for paralegals.

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**Degree: AS - Park and Sports Turf Management - S0116**

**Program Outcome: Professional Conduct**

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Degree: AS - Park and Sports Turf Management - S0116**

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#### **Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

#### **Program Outcome: Sports Turf Assessment**

Degree completers will be able to formulate and propose an all-inclusive management program for a sports turf area

#### **Program Outcome: Pruning Techniques**

Students completing this degree will be able to demonstrate proper pruning skills for pruning woody trees and shrubs.

### **Degree: AS - Radio Broadcasting: On the Air - S0605**

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#### **Program Outcome: Remotes**

Plan, set-up and perform a radio station remote as an on-air personality

### **Degree: AS - Real Estate - S0512**

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#### **Program Outcome: 1. PLO 1**

Real Estate Sales Students completing the Real Estate Sales Certificate Program (three statutory classes per the Bureau of Real Estate) will have the requisite knowledge to pass the California Real Estate Sales Exam.

#### **Program Outcome: 2. PLO 2**

State Exam Success Rate Mt. SAC real estate students will meet or exceed the state average for success or passage on the state licensing exam.

### **Degree: AS - Registered Veterinary Technology - S0105**

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#### **Program Outcome: AVMA Skills Performance**

Students completing the Associates of Science Degree in Registered Veterinary Technology will be able to successfully perform all of the skills on the AVMA Task List

**Assessment Rotation Cycles:** 2016-17

#### **Program Outcome: Entry Level Employment**

Students completing the Associates of Science Degree in Registered Veterinary Technology will be able to successfully obtain an entry level position as a veterinary technician.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Degree: AS - Registered Veterinary Technology - S0105**

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#### **Program Outcome: Entry Level Employment**

**Assessment Rotation Cycles:** 2016-17

#### **Program Outcome: National Exam**

Students completing the Associates of Science Degree in Registered Veterinary Technology will be able to successfully pass the Veterinary Technician's National Exam (VTNE).

**Assessment Rotation Cycles:** 2016-17

### **Degree: AS - Sign Language/Interpreting - S0801**

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#### **Program Outcome: Language and Culture**

Students will identify the influence of culture on human expression

#### **Program Outcome: Visual Language**

Students will identify aspects of visual/manual expression as linguistically valid as parallel auditory/spoken expression

### **Degree: AS - Small Business Management - S0508**

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#### **Program Outcome: BUSM 10 - SLO 1**

I am able to define and outline the key principles of continuous quality management

#### **Program Outcome: BUSM 66 - SLO 1**

I am able to describe business planning for small business

#### **Program Outcome: BUSS 36 - SLO 1**

I have developed a working knowledge of marketing terminology

### **Degree: AS - Television Production - S0602**

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#### **Program Outcome: Entry-level skills**

RTV program students will feel that they have an increased possession of the skills required for entry-level work in the entertainment industry.

#### **Program Outcome: 3 Production Types**

Function in three types of production: Narrative (film-style), TV Studio, and live Remote Multicamera production in any role.

#### **Program Outcome: Creative Teamwork**

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Degree: AS - Television Production - S0602**

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#### **Program Outcome: Creative Teamwork**

Use communication, artistic and technical skills to collaboratively create programs as part of a team in any role, from writer to editor.

#### **Program Outcome: Avid software skills**

Use Avid Media Composer to the level necessary for an editing internship.

#### **Program Outcome: ePortfolio**

Present an ePortfolio containing video and written work to prospective employers, universities and scholarship committees.

#### **Program Outcome: Visual Storytelling**

Apply aesthetic and technical skills in telling a story visually.

### **Degree: AS-T - Mathematics - S0333**

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#### **Program Outcome: Abstraction**

Translate real world phenomena and conceptual ideas into mathematical symbols and equations.

#### **Program Outcome: Modeling**

Model real world phenomenon using mathematical equations.

#### **Program Outcome: Analysis**

Develop techniques to analyze and interpret data.

### **DSP&S**

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#### **Outcome Statement - SLO or AUO or SSO: Identified Barriers**

(SLO) Students with disabilities will demonstrate increased knowledge of identified barriers or obstacles to transfer to guide decision-making re: future resources, activities, strategies as a result of DSPS intervention.

### **Electronics & Computer Technology Certificate: Electronics and Computer - Engineering Technology - T0906**

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#### **Program Outcome: Breadth of Study**

Apply knowledge of electronic principles to the areas of communications, industrial electronics, and microcontrollers.

#### **Program Outcome: Use of test equipment**

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Electronics & Computer Technology Certificate: Electronics and Computer - Engineering Technology - T0906**

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#### **Program Outcome: Use of test equipment**

Demonstrate proper use of electronic test equipment and associate measurement results with circuit behaviors in the laboratory.

#### **Program Outcome: Quantitative analysis**

Quantitatively determine unknown electrical parameters from given or measured values and use these results to assess or troubleshoot faults in circuit and system operation.

#### **Program Outcome: Communication**

Communicate, both verbally and in writing, knowledge of electrical concepts and their application to the observed behaviors of circuits and systems.

#### **Program Outcome: High-level thought**

In advanced courses, connect concepts learned in introductory courses to more general principles applicable in the employment context.

### **Electronics & Computer Technology Degree: AS - Electronics and Computer Engineering Technology - S0906**

---

#### **Program Outcome: Breadth of Study**

Apply knowledge of electronic principles to the areas of communications, industrial electronics, and microcontrollers.

#### **Program Outcome: Use of test equipment**

Demonstrate proper use of electronic test equipment and associate measurement results with circuit behaviors in the laboratory.

#### **Program Outcome: Quantitative analysis**

Quantitatively determine unknown electrical parameters from given or measured values and use these results to assess or troubleshoot faults in circuit and system operation.

#### **Program Outcome: Communication**

Communicate, both verbally and in writing, knowledge of electrical concepts and their application to the observed behaviors of circuits and systems.

#### **Program Outcome: High-level thought**

In advanced courses, connect concepts learned in introductory courses to more general principles applicable in the employment context.

### **Emergency Medical Services Certificate: Emergency Medical Technician - EMT 90 - E0378**

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#### **Program Outcome: PLO 1**

Students completing the certificate will demonstrate competence in the assessment, diagnosis and treatment of both medical and trauma patients in accordance with the EMT level Scope of Practice.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

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### **Emergency Medical Services Certificate: Emergency Medical Technician - EMT 90 - E0378**

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#### **Program Outcome: PLO 3**

Students will demonstrate EMT basic skills competency at a certification level

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### **Emergency Medical Services Certificate: Emergency Medical Technician - Paramedic (EMT-P) - T1281**

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#### **Program Outcome: PLO-1**

Upon completion of the paramedic program, students will demonstrate competence in the following areas: patient assessment skills, scene management, knowledge of the laws governing Paramedic scope of practice, knowledge of the functions of cells, tissues, organs and organ systems as they relate to paramedic practices and patient care, the ability to utilize appropriate communications skills and demeanor with patients, family members, and field/hospital staff as well as display assertiveness in emergency situations as evidenced by proper assessment and selection of interventions.

#### **Program Outcome: PLO-2**

Upon completion of the paramedic program, students will demonstrate competence in the assessment and treatment of the following: Cardiovascular emergencies, Neurological emergencies, Respiratory emergencies, Abdominal emergencies, Diabetic emergencies, Endocrine/renal emergencies, Behavioral emergencies, Traumatic emergencies, Environmental emergencies, Obstetrical emergencies and Pediatric emergencies.

#### **Program Outcome: PLO-3**

Students completing certificate will be employable/seeking employment in the field of paramedicine or a related field

#### **Program Outcome: EMT-P T1281**

All students completing Clinical Internship will have demonstrated skills competency to State & National standards

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### **Emergency Medical Services Degree: AS - Emergency Medical Services - S1210**

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#### **Program Outcome: PLO-1**

Upon completion of the paramedic program, students will demonstrate competence in the following areas: patient assessment skills, scene management, knowledge of the laws governing Paramedic scope of practice, knowledge of the functions of cells, tissues, organs and organ systems as they relate to paramedic practices and patient care, the ability to utilize appropriate communications skills and demeanor with patients, family members, and field/hospital staff as well as display assertiveness in emergency situations as evidenced by proper assessment and selection of interventions.

#### **Program Outcome: PLO-2**

Upon completion of the paramedic program, students will demonstrate competence in the assessment and treatment of the following: Cardiovascular emergencies, Neurological emergencies, Respiratory emergencies, Abdominal emergencies, Diabetic emergencies, Endocrine/renal emergencies, Behavioral emergencies, Traumatic emergencies, Environmental emergencies, Obstetrical emergencies and Pediatric emergencies.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Emergency Medical Services Degree: AS - Emergency Medical Services - S1210**

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#### **Program Outcome: PLO-3**

Students completing certificate will be employable/seeking employment in the field of paramedicine or a related field

#### **Program Outcome: EMT-P T1281**

All students completing Clinical Internship will have demonstrated skills competency to State & National standards

### **Financial Aid**

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#### **Outcome Statement - SLO or AUO or SSO: Financial Literacy - Cost of Education**

After attending a Financial Literacy Event/Workshop, students will know the costs of education amongst the different segments of higher education.

#### **Outcome Statement - SLO or AUO or SSO: Financial Literacy - Build Individual Wealth**

After participating in the Fall Semester Financial Literacy Awareness Week workshops, students will know the tools/strategies needed to build individual wealth such as savings and good credit.

### **Fire Technology Certificate: Fire Technology - L2105**

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#### **Program Outcome: 1. Fire Department Organization and communication**

Define fire department organization, culture, and methods of communication of entry level fire department personnel.

#### **Program Outcome: 2. Occupational health and safety**

Analyze and assess firefighter hazards, and demonstrate safe practices by using minimum standard safety procedures.

#### **Program Outcome: 3. Analysis of fire prevention techniques**

Demonstrate knowledge of fire preventions efforts and a resulting reduction of life and property loss.

#### **Program Outcome: 4. Apply the selection and use of basic tools and equipment**

Knowledge of strategy and tactics required for the proper selection and safe use of firefighting methods, techniques, tools and equipment.

#### **Program Outcome: 5. Fire chemistry and behavior**

Identify fire chemistry and behavior for the purpose of predicting fire dynamics and flame spread characteristics.

#### **Program Outcome: 6. Fire protection systems and alarms**

Identify components of built-in and portable fire protections systems and alarm and notification devices.

#### **Program Outcome: 7. Building Construction relating to firefighter safety**

Demonstrate knowledge of the 5 basic types of construction. Identify the components and hazards related to each type.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Fire Technology Certificate: Fire Technology - L2105**

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**Program Outcome: 7. Building Construction relating to firefighter safety**

**Program Outcome: 8. Leadership and Management concepts**

Knowledge of Leadership and Management concepts as they relate to emergency and non-emergency situations.

### **Health Services**

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**Outcome Statement - SLO or AUO or SSO: Post-Positive TB Education**

# 2 Medical/RNs: Students with positive TB tests reactions will receive post-positive TB education, resulting in the ability to verbalize understanding of results and importance of further

**Outcome Statement - SLO or AUO or SSO: RN Provided Education**

Medical/RNs: Improve medical outcomes of injured students with RN-provided educations and intervention

### **Industrial Design Engineering Certificate: Industrial Design Engineering - Level I- L0327**

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**Program Outcome: IDE Level 1 Cert L0327**

Students will accurately produce specified 3D physical prototype objects using hand and power tools.

### **Industrial Design Engineering Certificate: Industrial Design Engineering - Level II- L0329**

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**Program Outcome: IDE level II Cert L0329**

Program completers will be able to create concept sketches and presentations

### **Industrial Design Engineering Certificate: Industrial Design Engineering - Level III- T0328**

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**Program Outcome: Manufacturing Costing & Market Research**

Perform sourcing and costing research to optimize design constraints; marketing and demographic research to determine product viability and justification.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

## Library

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## Library

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### **Outcome Statement - SLO or AUO: Workshop: Finding Articles**

Students will locate two periodical articles relevant to a given topic using Academic Search Premier (ASP) upon completing the Finding and Evaluating Articles workshop.

**Assessment Rotation Cycle:** 2015-16

### **Outcome Statement - SLO or AUO: Workshop: Finding and Evaluating Books**

Students will locate and evaluate books for academic research using the Mt. SAC Library Catalog upon completing the Finding and Evaluating Books workshop.

**Assessment Rotation Cycle:** 2016-17

### **Outcome Statement - SLO or AUO: Workshop: Researching Careers**

Students will find career related information using Mt. SAC library resources, the California Labor Market Information Overview and the Occupational Outlook Handbook upon completing the Researching Career Choices Workshop.

**Assessment Rotation Cycle:** 2018-19

### **Outcome Statement - SLO or AUO: Workshop: Evaluating Websites**

Students will evaluate websites for college-level academic research based on articulated criteria upon completing the Evaluating Websites workshop.

**Assessment Rotation Cycle:** 2019-20

### **Outcome Statement - SLO or AUO: Workshop: Developing Topics**

Students will develop focused research questions (or statements) for college-level research assignments using reliable background information upon completing the Developing Research Topics workshop.

**Assessment Rotation Cycle:** 2018-19

### **Outcome Statement - SLO or AUO: Student Success - Workshops**

Determine correlation between workshop attendance and retention, persistence, or grade point average

**Assessment Rotation Cycle:** 2015-16

### **Outcome Statement - SLO or AUO: Student Success - Textbooks**

Determine correlation between textbook availability and retention, persistence, and grade point average

## **Manufacturing Technology Certificate: Machine Operator - E0956**

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### **Program Outcome: Technically competent**

Students completing the certificate will be technically competent.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Manufacturing Technology Certificate: Machine Operator - E0956**

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#### **Program Outcome: Skills Demonstration**

Demonstrate ability perform basic mill and lathe setup and operation and machine a simple industry representative component from a 2D print

### **Manufacturing Technology Certificate: Manufacturing Technology - T0918**

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#### **Program Outcome: Technically competent**

Students completing the certificate will be technically competent

#### **Program Outcome: Skills Demonstration II**

Demonstrate ability to create a CAD model, 2D print or fabricate a part from a 2D print using manual or CNC methods

### **Manufacturing Technology Certificate: MasterCAM - E0927**

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#### **Program Outcome: Technically competent**

Students completing the certificate will be technically competent

#### **Program Outcome: Skills Demonstration: CAM**

Demonstrate ability to create a toolpath for an industry representative part from a 2D print using CAM software

### **Manufacturing Technology Degree: AS - Manufacturing Technology - S0918**

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#### **Program Outcome: Technical competence**

Program completers will be technically competent

#### **Program Outcome: Skills Demonstration**

Demonstrate ability to create a CAD model, 2D print or fabricate a part from a 2D print using manual or CNC methods

### **Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279**

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#### **Program Outcome: Activities of Daily Living**

Students completing the certificate program will demonstrate the ability to provide client care, within scope of practice, to safely practice as an entry-level licensed

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279**

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#### **Program Outcome: Activities of Daily Living**

psychiatric technician.

#### **Program Outcome: Nursing Competence**

Students completing the certificate program will demonstrate nursing skills, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Behavioral Management**

Students completing the certificate program will demonstrate the ability to successfully intervene at all levels of client escalation/de-escalation, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Individual and Group Therapeutic Processes**

Students completing the certificate program will demonstrate the ability to support client efforts to achieve and maintain optimal mental health, within scope of practice, to successfully practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Medication Management**

Students completing the certificate program will demonstrate the ability to safely administer medications, with scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Treatment Plan Development**

Students completing the certificate program will demonstrate the ability to participate in all areas of treatment plan development, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

### **Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208**

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#### **Program Outcome: Activities of Daily Living**

Students completing the associate degree program will demonstrate the ability to provide client care, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Nursing Competence**

Students completing the associate degree program will demonstrate nursing skills, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Behavioral Management**

Students completing the associate degree program will demonstrate the ability to successfully intervene at all levels of client escalation/de-escalation, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Individual and Group Therapeutic Processes**

Students completing the associate degree program will demonstrate the ability to support client efforts to achieve and maintain optimal mental health, within scope of practice, to successfully practice as an entry-level licensed psychiatric technician.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208**

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#### **Program Outcome: Individual and Group Therapeutic Processes**

#### **Program Outcome: Medication Management**

Students completing the associate degree program will demonstrate the ability to safely administer medications, with scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Treatment Plan Development**

Students completing the associate degree program will demonstrate the ability to participate in all areas of treatment plan development, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Professional Development**

Students completing the associate degree program will demonstrate the ability to develop and achieve entry-level professional goals.

### **Nursing Degree: AS - Licensed Vocational Nurse to RN - S1201**

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#### **Program Outcome: Role Transition**

Course completer will successfully complete the Role Transition course to be accepted into the Nursing Program in the second semester.

### **Nursing Degree: AS - Nursing - S1203**

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#### **Program Outcome: Employer satisfaction**

Employers will be satisfied with the educational preparation of the Mt. SAC Nursing graduates

#### **Program Outcome: Comprehensive Predictor Exam**

Nursing Program completers will score above the national average on the comprehensive predictor exam

#### **Program Outcome: NCLEX Exam**

Program graduates taking the NCLEX exam for the 1st time will cumulatively score above the national average

#### **Program Outcome: Program completers**

Nursing program completers will deliver safe and competent patient care as newly licensed registered nurses

### **Nursing Degree: AS - Psychiatric Technician to RN - S1209**

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#### **Program Outcome: Role Transition**

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

### **Nursing Degree: AS - Psychiatric Technician to RN - S1209**

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#### **Program Outcome: Role Transition**

Course completer will successfully complete the Role Transition course to be accepted into the Nursing Program in the second semester.

### **Nutrition & Food**

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#### **Outcome Statement - SLO or AUO: Self-Evaluation of Personal Wellbeing**

Students who complete NF 10, 25, 25H, and 28 courses will demonstrate meaningful self-evaluation related to increasing their lifelong personal wellbeing.

#### **Outcome Statement - SLO or AUO: Demonstrate Mastery**

NF students will demonstrate mastery of key course concepts.

#### **Outcome Statement - SLO or AUO: Career Communication**

Provide on-going communication to inform students about earning a Dietetics degree, transferring to a four-year institution, and trends in dietetic careers.

#### **Outcome Statement - SLO or AUO: Interdisciplinary Courses**

06-07 Develop courses across the curriculum for Child Development, Physical Education (SA Complete)

10-11 Initiate Learning Community with Counseling for NF 25/Coun 7 link

### **Radiologic Technology Degree: AS - Radiologic Technology - S1206**

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#### **Program Outcome: Positioning Skills**

Student/Graduate will apply accurate positioning skills

**Assessment Rotation Cycles:** 2016-17

#### **Program Outcome: Technical Factors**

Student/Graduate will select optimal technical factors

**Assessment Rotation Cycles:** 2016-17

#### **Program Outcome: Radiation Protection**

Student/Graduate will utilize appropriate radiation protection

**Assessment Rotation Cycles:** 2016-17

#### **Program Outcome: Adapt Standard Procedure**

Student/Graduate will adapt standard procedures as needed

**Assessment Rotation Cycles:** 2016-17

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

## **Radiologic Technology Degree: AS - Radiologic Technology - S1206**

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### **Program Outcome: Determine Diagnostic Quality**

Student/Graduate will critique images to determine diagnostic quality

**Assessment Rotation Cycles:** 2016-17

### **Program Outcome: Determine Corrective Measures**

Student/Graduate will determine corrective measures for non-diagnostic images

**Assessment Rotation Cycles:** 2016-17

### **Program Outcome: Patient-Centered, Clinically Effective Care**

Student/Graduate will provide patient-centered, clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity or culture

**Assessment Rotation Cycles:** 2016-17

### **Program Outcome: Professional Work Ethics**

Student/Graduate will demonstrate professional work ethics

**Assessment Rotation Cycles:** 2016-17

### **Program Outcome: Competent Entry Level Technologist**

Student/Graduate will be well prepared to function as a competent entry-level radiologic technologist

**Assessment Rotation Cycles:** 2016-17

## **Respiratory Therapy Degree: AS - Respiratory Therapy - S1205**

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### **Program Outcome: CRT and RRT Exam**

Graduates will achieve the CRT and RRT credential

### **Program Outcome: Program completors**

The student will demonstrate, in the laboratory and clinical setting, the correct procedures for basic Respiratory Therapy treatment modalities.

### **Program Outcome: Program completors - 2**

The student will demonstrate, in the laboratory and clinical setting, the correct procedures for advanced Respiratory Therapy procedures to include manual and mechanical ventilation.

## **Student Life**

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### **Outcome Statement - SLO or AUO or SSO: LEAD**

80% of students who earn a LEAD certificate will increase their leadership knowledge.

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

## Student Life

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### Outcome Statement - SLO or AUO or SSO: LEAD

### Outcome Statement - SLO or AUO or SSO: Club Advisors Role and Policies

All club advisors will understand their role and how to uphold college policies and procedures as a result of Student Life office efforts, including the Advisor Handbook, and Advisor Orientation.

### Outcome Statement - SLO or AUO or SSO: Representation Fee sponsored events

At least 80% of students who participate in Representation Fee sponsored events will understand of how to conduct advocacy/ policy formation.

## Upward Bound Program

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### Outcome Statement - SLO or AUO or SSO: State of CA Four Systems of Higher Ed

Students will demonstrate knowledge of the State of CA Four Systems of higher education and utilize this information to inform their decisions regarding their college application process

### Outcome Statement - SLO or AUO or SSO: Campus Visits

Campus Visits – Student exposure to university culture and admissions requirements help them choose their preferred transfer school(s).

## Welding Certificate: Welder - Gas Tungsten Arc Welding - T0932

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### Program Outcome: Technically competent

Students completing the certificate will be technically competent

### Program Outcome: WELD Cert T0932

Program completers will solve problems as related to preparing materials prior to welding.

## Welding Certificate: Welder - Licensed - L0930

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### Program Outcome: Technically competent

Students completing the certificate will be technically competent

### Program Outcome: WELD Certificate L0930

Students will be able to identify print views, lines and dimensioning methods

ILO - ILO # 2. Students apply creative, computational, and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.

**Welding Degree: AS - Welding - S0919**

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**Welding Degree: AS - Welding - S0919**

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**Program Outcome: Structural Steel Exam**

Program completers will be prepared to pass the Los Angeles City Structural Steel Exam

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

## Admissions & Records

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### Outcome Statement - SLO or AUO or SSO: Increasing Ed Plans

The population of students who have enrolled at Mt. SAC without completing an Educational Plan has grown due to a recent enrollment growth decision. Fall 2014-15 enrollees who don't have an educational plan on file will have an electronic plan on file prior to the end of the 2014-15 school year.

## Aeronautics, Transportation Certificate: FAA Aircraft Dispatcher - E0408

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### Program Outcome: FAA Aircraft Dispatcher Technical Competency

Students will comprehend the skills, techniques, and procedures used by an FAA aircraft dispatcher. Students will be able to explain the principles of the risk assessment process; analyze and determine Boeing 737 New Generation (NG) limitations and aircraft performance data; describe ETOPS and the minimum equipment required; identify trip records as well as Hazardous Materials (HAZMAT) documentation required by regulation; retrieve and interpret aviation weather charts, observations, and forecasts, and determine their applicability to a planned flight; determine the aircraft's ability to be dispatched on certain routes taking into account Operational Specifications (OPS SPECS), Code of Federal Regulations (FARs), Notice to Airmen (NOTAMS), weather, and other restrictions.

**Assessment Rotation Cycles:** 2016-17

## Aeronautics, Transportation Degree: AS - Commercial Flight - S0912

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### Program Outcome: 1. Aviation Industry and Career Planning

Students will recognize and comprehend terms and vocabulary associated with piloting and air traffic control; early federal legislation that was influential in shaping the aviation industry; the function of government in regulating the aviation industry; airline economics and demand; and career planning skills and resources.

### Program Outcome: 2. Aviation Safety and Human Factors

Students will recognize and comprehend physiology limitations humans experience in flight; comprehend the skills, techniques, and procedures of advanced crew resource management (ACRM), and applying ACRM principles in problem-solving scenarios; analyze aircraft accident case-studies and identify key factors leading to aircraft accidents.

### Program Outcome: 3. Aviation Weather and Aeronautical Decision Making

Students will identify and determine the characteristics of North American continental and worldwide weather systems; encode and decode hourly surface weather observations and pilot reports; encode and decode aviation weather forecasts and meteorological advisories; and summarize aviation weather conditions and forecasts using a variety of charts, observations, and forecasts with the goal of demonstrating good decision-making and problem-solving skills.

### Program Outcome: 4. Flight Operations and Flight Planning

Students will comprehend the skills, techniques, and procedures for safely operating aircraft in primary, instrument, and commercial flight operations. Students will be able to explain the principles of flight and aerodynamics as they relate to airplanes, helicopters, and other high-performance aircraft; analyze aircraft performance data necessary for takeoff and landing and evaluate problem-solving scenarios for "go" and "no-go" decisions; analyze and apply weight and balance principles in problem-solving scenarios.

## Alcohol and Drug Counseling Certificate: Alcohol Drug Counseling - T2101

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ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Alcohol and Drug Counseling Certificate: Alcohol Drug Counseling - T2101**

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#### **Program Outcome: ADCert T2101**

Students will demonstrate the ability to apply theoretical and practical knowledge in the core competencies of alcohol & drug counselors.

#### **Program Outcome: Professional Development**

Students completing the certificate/associates degree program will demonstrate the ability to develop and achieve entry-level professional goals.

### **Alcohol and Drug Counseling Degree: AS - Alcohol/Drug Counseling - S2101**

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#### **Program Outcome: AD AS S2101**

Students completing the certificate/associates degree program will demonstrate the ability to develop and achieve entry-level professional goals.

#### **Program Outcome: Ethical competence**

Students completing the certificate will demonstrate an understanding of ethical & legal requirements for alcohol & drug counselors.

### **Architecture Certificate: Architectural Technology - Design Concentration Level II - T0205**

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#### **Program Outcome: Technical Competence**

Certificate holders will be technically competent

#### **Program Outcome: Arch Cert Level 2-T0205**

Students will incorporate basic principles of layout and typography in architectural presentations

### **Architecture Certificate: Architectural Technology - Design Concentration Level III - T0206**

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#### **Program Outcome: Technical competence**

Certificate holders will be technically competent

#### **Program Outcome: Arch Cert Level 3 T0206**

Students will present and evaluate the pros and cons of particular architectural design alternative solution.

### **Architecture Certificate: Architectural Technology - Level I - T0291**

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#### **Program Outcome: Technical Competence**

Certificate holders will be technically competent

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Architecture Certificate: Architectural Technology - Level I - T0291**

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#### **Program Outcome: Arch Cert Level 1 T0291**

Program completers will successfully execute orthographic and 3D drawing projections

### **Architecture Certificate: Architectural Technology - Technology Concentration Level II - T0203**

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#### **Program Outcome: Employment**

Certificate holders will be employed or actively seeking employment in the field or a related field

#### **Program Outcome: Technical Competence**

Certificate holders will be technically competent

#### **Program Outcome: 3. Arch Cert Lev2T0203**

Program completers will successfully execute orthographic and 3D drawing projections

### **Architecture Certificate: Architectural Technology - Technology Concentration Level III - T0204**

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#### **Program Outcome: Employment**

Certificate holders will be employed or actively seeking employment in the field or a related field

#### **Program Outcome: Technical competence**

Certificate holders will be technically competent

#### **Program Outcome: ARch Cert Level 3 T0204**

Program completers will successfully execute orthographic and 3D drawing projections

### **Architecture Certificate: Construction Inspection - L0920**

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#### **Program Outcome: Technicially competent**

Students completing the certificate will be technically competent

#### **Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

### **Architecture Degree: AS - Architectural Tech - Design Concentration - S0207**

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ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Architecture Degree: AS - Architectural Tech - Design Concentration - S0207**

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#### **Program Outcome: Employment**

Program completers will be employed or seeking employment in the field or in a related area

#### **Program Outcome: Arch AS S0207**

ARCH 29-b : Students will present and evaluate the pros and cons of particular architectural design alternative solution.

### **Architecture Degree: AS - Architectural Technology - Tech Concentration - S0201**

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#### **Program Outcome: Transfer**

Program completers will transfer to a 4 year university in a related major

#### **Program Outcome: Employment**

Program completers will be employed or seeking employment in the field or in a related field

#### **Program Outcome: Arch AS S0201**

Students will create design development and working drawing sets reflecting refined job skills in architectural CAD.

#### **Program Outcome: Technology Concentration S0201**

Students will be able to use common and architectural software for detailed 3-D computer-simulated models (both interior and exterior).

### **Arise**

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#### **Outcome Statement - SLO or AUO or SSO: Arise Guided Pathways (ASAP!)**

70% of new Arise students will complete 70% of their Guided Pathways (checklist of tasks within one year of program enrollment.)"

**Assessment Rotation Cycle:** 2016-17, 2017-18, 2018-19

### **Career / Transfer Services**

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#### **Outcome Statement - SLO or AUO or SSO: Resume Upload and Research**

Students will learn to upload resumes and research job leads on Mountie Career Source

### **Certificate: Accounting - Computerized - L0503**

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#### **Program Outcome: BUSA 75 - SLO 2**

I am able to process collections from customers and update accounts receivable.

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Certificate: Accounting - Computerized - L0503**

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**Program Outcome: BUSA 75 - SLO 2**

**Program Outcome: BUSA 75- SLO 3**

I am able to prepare financial statements

**Program Outcome: BUSA 76 - SLO 1**

I am able to solve managerial accounting problems with Excel software

### **Certificate: Accounting - Payroll - E0505**

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**Program Outcome: BUSA 70 - SLO 1**

I am able to identify payroll records required by the employer in preparation for filing tax forms for Social Security, federal and state income tax, state disability benefits, and federal and state unemployment

**Program Outcome: BUSM 70 - SLO 2**

I am able to calculate wages and withholding amounts in payroll problems

**Program Outcome: BUSM 70 - SLO 3**

I am able to assemble payroll record keeping requirements for employers under current state and federal laws

### **Certificate: Animal Science Fundamentals - E0360**

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**Program Outcome: Economic Importance of Animal Industries**

Students completing their Certificate in Animal Science Fundamentals will be able to explain the historical and current economic importance of the livestock and pet animal industries.

### **Certificate: Athletic Trainer Aide I - E0802**

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**Program Outcome: 1. Roles & Responsibilities of a school ATC**

Identify daily tasks of operating an athletic training room, pre and post practice, and pre and post competition.

**Program Outcome: 2. Basic Sports medicine Terminology**

Create athletic injury documentation in hard copy format and on computerized injury tracking systems.

### **Certificate: Business: International - Level I - E0527**

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ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

**Certificate: Business: International - Level I - E0527**

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**Program Outcome: BUSS 36 - SLO 1**

I have developed a working knowledge of marketing terminology

**Certificate: Business: International - Level II - L0597**

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**Program Outcome: BUSM 66 - SLO 2**

I am able to discuss the legal forms of business ownership

**Certificate: Business: International - Level III - L0528**

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**Program Outcome: BUSM 52 - SLO 2**

I am able to define key international trade documentation requirements

**Certificate: Business: Management - Level I - E0525**

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**Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

**Program Outcome: BUSM 61 - SLO 1**

I am able to apply management concepts and functions

**Program Outcome: BUSS 36 - SLO 1**

I have developed a working knowledge of marketing terminology

**Certificate: Business: Management - Level II - L0586**

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**Program Outcome: BUSM 60 - SLO 1**

I am able to define organizational culture, socialization and mentoring

**Program Outcome: BUSM 60 - SLO 2**

I am able to analyze social perception

**Program Outcome: BUSM 62 - SLO 1**

I am able to explain theory and practical application of Equal Employment Opportunity current employment laws

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

**Certificate: Business: Management - Level III - T0526**

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**Certificate: Business: Management - Level III - T0526**

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**Program Outcome: BUSA 7 - SLO 1**

I am able to describe the basic accounting system and how it is used to serve business needs

**Program Outcome: BUSM 10 - SLO 1**

I am able to define and outline the key principles of continuous quality management

**Program Outcome: BUSM 51 - SLO 1**

I am able to identify how governments influence trade

**Certificate: Business: Retail Management - Level I - E0500**

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**Program Outcome: BUSO 25 - SLO 1**

I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content

**Program Outcome: BUSO 25 - SLO 2**

I am able to use informative and sales letters to convey information and influence people favorably

**Program Outcome: BUSO 25 - SLO 3**

I am able to develop and deliver a 3-5 minute presentation on a business related topic

**Certificate: Business: Retail Management - Level II - L0591**

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**Program Outcome: BUSM 61 - SLO 1**

I am able to apply management concepts and functions

**Program Outcome: BUSM 62 - SLO 1**

I am able to explain theory and practical application of Equal Employment Opportunity current employment laws

**Program Outcome: BUSS 36 - SLO 1**

I have developed a working knowledge of marketing terminology

**Certificate: Business: Retail Management - Level III - T0521**

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**Program Outcome: BUSA 7 - SLO 1**

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

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**Certificate: Business: Retail Management - Level III - T0521**

**Program Outcome: BUSA 7 - SLO 1**

I am able to describe the basic accounting system and how it is used to serve business needs

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**Certificate: Business: Small Business Management - Level I - E0529**

**Program Outcome: BUSS 36 - SLO 1**

I have developed a working knowledge of marketing terminology

**Program Outcome: BUSM 66 - SLO 1**

I am able to describe business planning for small business

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**Certificate: Business: Small Business Management - Level II - L0588**

**Program Outcome: BUSM 62 - SLO 1**

I am able to explain theory and practical application of Equal Employment Opportunity current employment laws

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**Certificate: Business: Small Business Management - Level III - T0590**

**Program Outcome: BUSM 10 - SLO 1**

I am able to define and outline the key principles of continuous quality management

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**Certificate: Consumer Relations - B0326**

**Program Outcome: Consumer Resources**

Students completing the Consumer Relations Certificate will be able to identify consumer related laws and government agencies.

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**Certificate: English as a Second Language - 24054**

**Program Outcome: ESL Certificate**

Certificate completers will demonstrate advanced-level skill achievement (VESL 1) in English language proficiency.

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**Certificate: English as a Second Language - Advanced - 30376**

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Certificate: English as a Second Language - Advanced - 30376**

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#### **Program Outcome: ESL Certificate - Advanced**

Certificate completers will demonstrate advanced-level skill achievement in English language proficiency.

### **Certificate: English as a Second Language - Intermediate - 30374**

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#### **Program Outcome: ESL Certificate - Intermediate**

Certificate completers will demonstrate intermediate-level skill achievement in English language proficiency.

### **Certificate: Gallery Design, Operation and Art Profession - E1020**

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#### **Program Outcome: Aesthetic Base**

Upon the successful completion of this program, students will have completed the foundation courses of the major which are the aesthetic base needed for transfer into bachelors programs or independent work as an artist.

#### **Program Outcome: Problem Solving**

Upon the successful completion of this program, students will be able to apply critical thinking skills to original work.

#### **Program Outcome: Design Concepts**

Upon the successful completion of this program, students will be able to apply the elements and principles of design to original art work.

#### **Program Outcome: Visual Concepts in Communication**

Upon the successful completion of this program, students will be able to apply visual arts concepts that are basic to many forms and fields of art and design in visual, oral, and written communication.

#### **Program Outcome: Art Analysis and Critique**

Upon the successful completion of this program, students will be able to analyze historical, contemporary, peer, and personal visual artwork that range in modes of artistic expression.

#### **Program Outcome: Cultural and Historical Context**

Upon the successful completion of this program, students will be able to demonstrate in oral, written and studio work familiarity with the history of western art.

#### **Program Outcome: Technical Application**

Upon the successful completion of this program, students will be proficient in a variety of visual art techniques and tools using them to explore a range of subjects, media, styles and formats.

#### **Program Outcome: Professional Practices**

Upon the successful completion of this program, students will create independent original work in the area of their focus demonstrating basic professional practices.

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Certificate: Graphic Design - Level II - T0321**

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### **Certificate: Graphic Design - Level II - T0321**

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#### **Program Outcome: Production**

select and use appropriate, industry standard tools and technology to produce commercial art products.

#### **Program Outcome: Presentation**

present their commercial art products, explaining and defending their strategic choices, creative ideas and design decisions.

### **Certificate: Horse Ranch Management - Level I - E0361**

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#### **Program Outcome: Professional Conduct**

Students completing the Horse Ranch Management certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Production/Business Plans**

Students will design a production/business plan for a horse-related activity

### **Certificate: Horse Ranch Management - Level II - L0376**

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#### **Program Outcome: Professional Conduct**

Students completing the Horse Ranch Management certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Production/Business Plans**

Students will design a production/business plan for a horse-related activity

#### **Program Outcome: Animal Welfare**

Students completing a certificate in Horse Ranch Management will be able to address animal welfare requirements when designing and implementing an equine management system

### **Certificate: Horticulture Science - L0394**

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#### **Program Outcome: Soil analysis and recommendations**

Certificate completers will be able to evaluate the soil conditions at an existing site and make specific recommendations for the immediate and long-term correction of all problems

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Certificate: Horticulture Science - L0394**

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#### **Program Outcome: Professional Oral Presentation**

### **Certificate: Interior Landscaping - L0106**

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#### **Program Outcome: Customer Relations**

Students completing the Interior Landscaping Certificate will be able to demonstrate competency in one on one customer relations.

#### **Program Outcome: Professional Oral Presentation**

Students completing Interior Landscaping Certificate will be able to give a professional quality oral presentation

### **Certificate: Landscape and Park Maintenance - L0357**

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#### **Program Outcome: Integrated Pest Management Program**

Certificate completers will be able to formulate and implement a complete Integrated Pest Management program for a specific site

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Landscape Construction - L0393**

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#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Operating Fundamentals**

Students completing this certificate will be able to demonstrate fundamentals of operating tractors and equipment covered in class

#### **Program Outcome: Landscape Construction Tools**

Students completing this certificate will be able to identify and correctly use the proper tool needed for landscape projects.

### **Certificate: Landscape Design I - L0368**

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#### **Program Outcome: Functional Design**

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Certificate: Landscape Design I - L0368**

---

#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Landscape Construction Tools**

Students completing this certificate will be able to identify and correctly use the proper tool needed for landscape projects.

#### **Program Outcome: Binomial nomenclature**

Certificate completers will be able to explain the binomial method of plant nomenclature.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

#### **Program Outcome: Soil analysis and recommendations**

Certificate completers will be able to evaluate the soil conditions at an existing site and make specific recommendations for the immediate and long-term correction of all problems

### **Certificate: Landscape Design II - L0396**

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#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Landscape Construction Tools**

Students completing this certificate will be able to identify and correctly use the proper tool needed for landscape projects.

#### **Program Outcome: Binomial nomenclature**

Certificate completers will be able to explain the binomial method of plant nomenclature.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

#### **Program Outcome: Soil analysis and recommendations**

Certificate completers will be able to evaluate the soil conditions at an existing site and make specific recommendations for the immediate and long-term correction of all problems

#### **Program Outcome: Soft Skills**

Students successfully completing this certificate will be able to make a professional landscape design presentation to a customer

#### **Program Outcome: Technical Proficiency**

Students completing this certificate will be technically proficient at computer aided design (cad)

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Certificate: Landscape Design II - L0396**

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#### **Program Outcome: Technical Proficiency**

### **Certificate: Landscape Equipment Technology - L0358**

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#### **Program Outcome: Small Engine Overhaul**

Students completing the certificate will learn engine disassembly, evaluation of components, and reassembly of small air-cooled gasoline engine

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Landscape Irrigation - L0110**

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#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing this certificate will be able to give a professional quality oral presentation

### **Certificate: Livestock Production Management - E0363**

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#### **Program Outcome: Technical proficiency**

Certified Students of the Agriculture Program will be technically proficient.

#### **Program Outcome: production/business plan**

Students completing the livestock certificate will be able to design a comprehensive production/business plan for various livestock species

#### **Program Outcome: Animal Welfare**

Completers of this program will address animals welfare requirement when designing and implementing a livestock management system.

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Certificate: Nursery Management - L0107**

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### **Certificate: Nursery Management - L0107**

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#### **Program Outcome: Professional Conduct**

Students completing the certificate will be able to demonstrate professional conduct.

#### **Program Outcome: Technical Proficiency**

Students completing the certificate will be technically proficient.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Nutrition - E0353**

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#### **Program Outcome: Practical Skills**

Students completing the Nutrition Certificate will demonstrate proficiency in practical skills, such as using kitchen equipment properly and demonstrating proficiency in appropriate technology.

#### **Program Outcome: Career Communication**

Students completing the Nutrition Certificate E0353 will be able to use acquired knowledge and skills to evaluate potential transfer and internship sites.

### **Certificate: Park Management - T0186**

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#### **Program Outcome: Technical Proficiency**

Students completing the certificate will be technically proficient

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Pet Science - T0104**

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#### **Program Outcome: Common species and breeds**

Pet Science certificate completers should be able to identify the common species & breeds of livestock

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Certificate: Pet Science - T0104**

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#### **Program Outcome: Identify common breeds of small animals**

Students completing this program should be able to identify common breeds of small animals

#### **Program Outcome: Animal Welfare**

Students completing a certificate in Pet Science will be able to address animal welfare requirements when designing and implementing an animal management system.

### **Certificate: Photography - Level I - L0348**

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#### **Program Outcome: Produce Quality Imagery**

Upon the successful completion of this program, the student will use critical thinking skills and be able to analyze and assess photographic situations, solve technical problems, and overcome creative challenges as they arise in the production of high quality still and motion imagery for professional, editorial, commercial or fine art applications.

#### **Program Outcome: Visual Communication**

Upon the successful completion of this program, the student will be able to design and construct still and motion imagery that can communicate ideas or narratives effectively for commercial, editorial, or fine art purposes.

#### **Program Outcome: Understand Business Practices**

Upon successful completion of this program the student will have the knowledge and skills pertinent to the operation of a freelance photography business and sound business practices in the trade.

#### **Program Outcome: Work as a Collaborator**

Upon the successful completion of this program, the student will be able to usefully participate in the collaborative environment of commercial art fields.

#### **Program Outcome: Discuss and Critique Imagery**

Upon the successful completion of this program, the student will be able to analyze, discuss, and critique the various technical, aesthetic, conceptual, historical and cultural aspects of a photograph.

### **Certificate: Public Works/Landscape - B0120**

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#### **Program Outcome: Professional Oral Presentation**

Students completing the Public Works/ Landscape Certificate will be able to give a professional quality oral presentation.

### **Certificate: Radio Broadcasting: Behind the Scenes - T0606**

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#### **Program Outcome: Recording**

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Certificate: Radio Broadcasting: Behind the Scenes - T0606**

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#### **Program Outcome: Recording**

Use studio equipment to record and edit a pre-recorded piece

#### **Program Outcome: Technical**

Operate the studio equipment required to produce a live broadcast

#### **Program Outcome: Social Media**

Use social media during a live radio show to engage with the audience

#### **Program Outcome: Producer**

Develop and implement ideas for a radio show

#### **Program Outcome: Programming**

Develop a format for a radio station

### **Certificate: Real Estate Sales - E0342**

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#### **Program Outcome: Real Estate Sales**

Students completing the Real Estate Sales Certificate Program (three statutory classes per the Bureau of Real Estate) will have the requisite knowledge to pass the California Real Estate Sales Exam

#### **Program Outcome: State Exam Success Rate**

Mt. SAC real estate students will meet or exceed the state average for success or passage on the state licensing exam.

### **Certificate: Secondary Education - Q7001**

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#### **Program Outcome: HS diplomas earned**

There will be an increase in the number of diplomas earned by Adult HS Diploma students.

### **Certificate: Sign Language/Interpreting - T0801**

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#### **Program Outcome: Demand Control Schema Applied**

Interpreting students will successfully apply Demand Control Schema (DC-S) Theory to the field of Sign Language Interpreting.

#### **Program Outcome: Simultaneous Interpretation**

Given a English narrative successfully give a functional equivalent message in ASL in a simultaneous mode.

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Certificate: Sports Turf Management - L0112**

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### **Certificate: Sports Turf Management - L0112**

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#### **Program Outcome: Sports Turf Assessment**

Certificate completers will be able to formulate and propose an all-inclusive management program for a sports turf area

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Television Crew - L0354**

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#### **Program Outcome: Entry-level skills**

RTV program students will feel that they have an increased possession of the skills required for entry-level work in the entertainment industry.

#### **Program Outcome: 3 Production Types**

Function in three types of production: Narrative (film-style), TV Studio, and live Remote Multicamera production in any role.

#### **Program Outcome: Creative Teamwork**

Use communication, artistic and technical skills to collaboratively create programs as part of a team in any role, from writer to editor.

#### **Program Outcome: Avid software skills**

Use Avid Media Composer to the level necessary for an editing internship.

#### **Program Outcome: ePortfolio**

Present an ePortfolio containing video and written work to prospective employers, universities and scholarship committees.

#### **Program Outcome: Visual Storytelling**

Apply aesthetic and technical skills in telling a story visually.

### **Certificate: Tree Care and Maintenance - L0111**

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#### **Program Outcome: Identify Landscape trees and shrubs**

Certificate completers will be able to identify common landscape trees and woody shrubs

#### **Program Outcome: Professional Conduct**

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Certificate: Tree Care and Maintenance - L0111**

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#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Chemistry**

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#### **Outcome Statement - SLO or AUO: Chemistry Course Assessments**

Complete SLO and GEO assessments and analysis and implement curriculum improvement

### **Counseling**

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#### **Outcome Statement - SLO or AUO or SSO: On-Line Counseling**

Student level of satisfaction of on-line counseling services will increase by 10% from a 75% satisfaction level as reported in On-line Counseling Satisfaction Survey.

#### **Outcome Statement - SLO or AUO or SSO: Front Counter**

As a result of front counter interaction, 75% of assessed students will feel they had a positive experience.

### **Degree: AA - Liberal Arts Emphasis Business - A8981**

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#### **Program Outcome: BUSA 7 - SLO 1**

I am able to describe the basic accounting system and how it is used to serve business needs

#### **Program Outcome: BUSO 25 - SLO 1**

I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content

### **Degree: AA - Liberal Arts Emphasis Communication - A8982**

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#### **Program Outcome: Information Analysis**

Students will critically analyze information and arguments.

#### **Program Outcome: Research**

Students will select and research an appropriate topic and thesis.

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Degree: AA - Liberal Arts Emphasis Communication - A8982**

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#### **Program Outcome: Organization**

Students will logically organize supporting materials into a well-crafted presentation.

#### **Program Outcome: Delivery and Confidence**

Students will demonstrate effective verbal and non-verbal delivery skills to present a message to a live audience in a confident manner.

#### **Program Outcome: Problem Solving**

Students will formulate communication solutions to problems in a range of contexts.

#### **Program Outcome: Diversity**

Students will create messages appropriate for diverse audiences and listener.

#### **Program Outcome: Personal Awareness**

Students will develop an improved understanding of themselves as communicators.

### **Degree: AA - Liberal Arts Emphasis Environmental Studies - A0411**

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#### **Program Outcome: Scientific analysis**

Demonstrate understanding of scientific inquiry and quantitative reasoning

**Assessment Rotation Cycles:** 2016-17

### **Degree: AA - Liberal Arts Emphasis Fine Arts - A8983**

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#### **Program Outcome: Foundation Course Completion**

Upon the successful completion of this program, students will have completed the foundation courses of the major which are the aesthetic base needed for transfer into bachelors programs or independent work as an artist.

#### **Program Outcome: Critical Analysis**

Upon the successful completion of this program, students will be able to apply critical thinking skills to original work.

#### **Program Outcome: Elements and Principles of Design**

Upon the successful completion of this program, students will be able to apply the elements and principles of design to original art work.

#### **Program Outcome: Visual Concepts**

Upon the successful completion of this program, students will be able to apply visual arts concepts that are basic to many forms and fields of art and design in visual, oral, and written communication

#### **Program Outcome: Art Analysis and Critique**

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Degree: AA - Liberal Arts Emphasis Fine Arts - A8983**

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#### **Program Outcome: Art Analysis and Critique**

Upon the successful completion of this program, students will be able to analyze historical, contemporary, peer, and personal visual artwork that range in modes of artistic expression.

#### **Program Outcome: Cultural and Historical Context**

Upon the successful completion of this program, students will be able to demonstrate in oral, written and studio work familiarity with the history of western art.

#### **Program Outcome: Technical Application**

Upon the successful completion of this program, students will be proficient in a variety of visual art techniques and tools using them to explore a range of subjects, media, styles and formats.

#### **Program Outcome: Professional Practices**

Upon the successful completion of this program, students will create independent original work in the area of their focus demonstrating basic professional practices.

### **Degree: AA - Liberal Arts Emphasis Kinesiology and Wellness - A8986**

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#### **Program Outcome: 1. Kinesiology Pedagogy**

Upon completion of the AA with KIN Emphasis, students will have an understanding of kinesiology, health promotion, and the mechanics of human bodily movement.

#### **Program Outcome: 2. Kinesiology Related Pedagogy**

Upon completion of the AA with KIN Emphasis, students will have an understanding of Anatomy, Nutrition as well as Behavior Development as it applies to Kinesiology.

#### **Program Outcome: 4. Career Preparation**

Upon completion of the AA with KIN Emphasis, students will be provided with an opportunity to prepare for transfer or a career in the field of human movement and wellness.

### **Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988**

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#### **Program Outcome: Modeling**

Analyze and model chemical, physical or biological systems using scientific and/or mathematical methods.

#### **Program Outcome: Experimentation**

Design and conduct experiments using appropriate tools to answer scientific questions

#### **Program Outcome: Critical Thinking**

Critically read, interpret, and analyze a range of complex text and data to make connections and draw meaningful conclusions.

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988**

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#### **Program Outcome: Communication**

Communicate scientific principles and applications effectively, both verbally and in writing.

#### **Program Outcome: Impact**

Describe the impact of humans and our technology in an environmental and societal context.

#### **Program Outcome: Life-Long Learning**

Pursue further study or life-long learning in the sciences

### **Degree: AA-T - Art History - A0330**

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#### **Program Outcome: Formal Analysis**

Students will demonstrate the ability to critically analyze visual objects as works of art.

**Assessment Rotation Cycles:** 2014-15, 2015-16, 2016-17

#### **Program Outcome: Modes of Artistic Expression**

Students completing a course in "Area C: Arts" will be able to analyze modes of artistic expression.

#### **Program Outcome: Contextual analysis**

Students will demonstrate the ability to critically analyze visual objects as artifacts of visual culture from a variety of perspectives, utilizing various modes of analysis.

#### **Program Outcome: Culture**

Student completing an assignment will be able to identify the influence of culture on human expression

### **Degree: AA-T - Communication Studies - A0325**

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#### **Program Outcome: Information Analysis**

Upon successful completion of the AAT in Communication Studies, students will critically analyze information and arguments.

#### **Program Outcome: Research**

Upon successful completion of the AAT in Communication Studies, students will select and research an appropriate topic and thesis.

#### **Program Outcome: Organization**

Upon successful completion of the AAT in Communication Studies, students will logically organize supporting materials into a well-crafted presentation.

#### **Program Outcome: Delivery and Confidence**

Upon successful completion of the AAT in Communication Studies, students will demonstrate effective verbal and non-verbal delivery skills to present a message to a live audience in a confident manner.

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Degree: AA-T - Communication Studies - A0325**

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#### **Program Outcome: Delivery and Confidence**

#### **Program Outcome: Problem Solving**

Upon successful completion of the AAT in Communication Studies, students will formulate communication solutions to problems in a range of contexts.

#### **Program Outcome: Diversity**

Upon successful completion of the AAT in Communication Studies, students will create messages appropriate for diverse audiences and listener.

#### **Program Outcome: Personal Awareness**

Upon successful completion of the AAT in Communication Studies, students will develop an improved understanding of themselves as communicators.

### **Degree: AA-T - English - A0332**

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#### **Program Outcome: Academic Essay**

Students will be able to write an essay using appropriate academic format.

#### **Program Outcome: Researched Analytical Papers**

Students will be able to write researched analytical papers using proper documentation.

#### **Program Outcome: Literary Analysis**

Students will be able to analyze major themes in a range of literary genres.

#### **Program Outcome: Compare Literary Elements**

Students will be able to compare and contrast literary elements such as authorial approaches, narrative styles, character development, and thematic concerns.

#### **Program Outcome: Recognize Cultural Influences**

Students will be able to recognize cultural influences on literature.

### **Degree: AA-T - Geography - A0356**

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#### **Program Outcome: Geographic Principles**

Apply geographic principles to particular world regions.

#### **Program Outcome: Human Environment Relationships**

Analyze the fundamental relationship between humans and the environment.

#### **Program Outcome: Spatial Variation**

Evaluate the spatial variation in human and physical processes.

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

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**Degree: AA-T - Geography - A0356**

**Program Outcome: Spatial Variation**

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**Degree: AA-T - Music - A0347**

**Program Outcome: History and Literature**

Students will comprehend and communicate in writing the cultural and historical contexts of music, as well as stylistic differences, in the Western classical traditions.

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**Degree: AA-T - Philosophy**

**Program Outcome: Soundness of argument**

When given a philosophical question, students will be able to determine the soundness of an argument based on criteria for evaluating the argument.

**Program Outcome: Philosophical analysis**

Students will be able to use philosophical methods, assumptions, and principles to analyze ideas, positions and situations.

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**Degree: AA-T - Political Science - A0345**

**Program Outcome: U.S. Government and Political Institutions**

Explain political institutions and processes of the United States government.

**Program Outcome: Research Methodology**

Identify research and statistical methods appropriate to Political Science.

**Program Outcome: Political Theory**

Compare and contrast major theoretical perspectives in Political Science.

**Program Outcome: International Relations**

Analyze the relationships between governments globally.

**Program Outcome: Comparative Politics**

Compare and contrast the institutions and processes of governments around the world.

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**Degree: AA-T - Psychology - A0324**

**Program Outcome: Matriculating**

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Degree: AA-T - Psychology - A0324**

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#### **Program Outcome: Matriculating**

Upon successful completion of this program, the student will be able to matriculate to a Bachelor's program in psychology or a related discipline.

#### **Program Outcome: Describe research and statistics**

Upon successful completion of this program, the student will be able to describe research and statistical methods appropriate to psychology

#### **Program Outcome: Theoretical Perspectives**

Upon successful completion of this program, the student will be able to compare and contrast major theoretical perspectives in psychology.

### **Degree: AA-T - Sociology**

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#### **Program Outcome: Mastery of Social Forces**

Students will be able to assess how social forces shape, guide and influence individual and group behavior.

### **Degree: AA-T - Studio Arts - A0395**

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#### **Program Outcome: Aesthetic Base**

Upon the successful completion of this program, students will be prepared to transfer to the California State University system or other public and private colleges and universities to complete Bachelor of Arts or Bachelor of Fine Arts in Art, Studio Art, Fine Art, or Visual Art degrees.

#### **Program Outcome: Visual Arts Concepts in Communication**

Upon the successful completion of this program, students will be able to apply visual arts concepts that are basic to many forms and fields of art and design in visual, oral, and written communication.

#### **Program Outcome: Art Analysis and Critique**

Upon the successful completion of this program, students will be able to analyze historical, contemporary, peer, and personal visual artwork that range in modes of artistic expression.

### **Degree: AA-T - Theater Arts - A0346**

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#### **Program Outcome: Performing as a Theater Technician**

Upon the successful completion of this program, the student will be able to perform various tasks associated with the creation and implementation of the technical elements (lights, sound, lighting, costumes, and makeup) of a live theater production.

#### **Program Outcome: Working as a Collaborator**

Upon the successful completion of this program, the student will understand the interactions of the various theater disciplines and be able to usefully participate in the

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

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**Degree: AA-T - Theater Arts - A0346**

**Program Outcome: Working as a Collaborator**

collaborative environment of theater.

**Program Outcome: Cultural and Historical Context**

Upon successful completion of this program the student will be able to analyze and critique elements of the production in their historical and cultural context.

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**Degree: AS - Administrative Assistant - S0514**

**Program Outcome: Presentation Skills**

Students completing an Administrative Assistant Degree (S0514) will be able to create and present a visual slide presentation to include text, graphic objects, design theme, slide transition, and object animation.

**Program Outcome: Word Processing skills**

Students completing an Administrative Assistant Degree (S0514) will be able to create a document in which text, paragraphs, and layout are formatted effectively and efficiently using word processing software (Word).

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**Degree: AS - Agri-Technology - S0101**

**Program Outcome: Understanding of World Agriculture**

Students completing the Agri-Technology Degree will be able to demonstrate an understanding of the interdependence of world agriculture systems.

**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

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**Degree: AS - Animation - S1006**

**Program Outcome: Create 2D animation short films**

Upon successful completion of this program, students will be able to plan, produce, collaborate on, and create 2D art and animation assets for use in games and animation productions.

**Program Outcome: Create 3D animation short films**

Students will be able to plan, produce, collaborate on, and create 3D models of objects and environments that can be used in games, and animation productions.

**Program Outcome: Create games**

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Degree: AS - Animation - S1006**

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#### **Program Outcome: Create games**

Upon successful completion of this program, students will be able to design, collaborate on, work with external developers and produce board games, and digital games.

#### **Program Outcome: Creating a Portfolio**

Students will create a portfolio demonstrating a clear understanding of selecting and organizing their material to present their portfolio to animation and game studios.

### **Degree: AS - Equipment Technology - S0118**

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#### **Program Outcome: Operating Fundamentals**

Students completing the Equipment Technology Degree will be able to demonstrate fundamentals of operating tractors and equipment covered in class

#### **Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

#### **Program Outcome: Small engine overhaul**

Students completing the degree will be proficient in engine disassembly, evaluation of components, and reassembly of small air-cooled gasoline engine

### **Degree: AS - Graphic Design- S0318**

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#### **Program Outcome: Production**

select and use appropriate, industry standard tools and technology to produce commercial art products.

#### **Program Outcome: Presentation**

present their commercial art products, explaining and defending their strategic choices, creative ideas and design decisions.

### **Degree: AS - Horse Ranch Management - S0102**

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#### **Program Outcome: Production/Business Plans**

Students completing the Horse Ranch Management degree will be able to design a comprehensive production/business plan for various horse-related activities

#### **Program Outcome: Professional Conduct**

Students completing the Horse Ranch Management degree will demonstrate professional conduct in the industry

#### **Program Outcome: Entry-Level Job**

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

**Degree: AS - Horse Ranch Management - S0102**

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**Program Outcome: Entry-Level Job**

Students completing the Horse Ranch Management Degree will be able to obtain an entry-level position in the horse industry

**Degree: AS - Human Resources Mgmt - S0530**

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**Program Outcome: BUSM 61 - SLO 1**

I am able to apply management concepts and functions

**Program Outcome: BUSM 62 - SLO 1**

I am able to explain theory and practical application of Equal Employment Opportunity current employment laws

**Program Outcome: BUSO 25 - SLO 1**

I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content

**Degree: AS - Integrated Pest Management - S0311**

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**Program Outcome: Technical Proficiency**

Students completing the degree will be technically proficient.

**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

**Program Outcome: Integrated Pest Management Program**

Degree completers will be able to formulate and implement a complete Integrated Pest Management program for a specific site.

**Degree: AS - International Business - S0507**

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**Program Outcome: BUSM 51 - SLO 1**

I am able to identify how governments influence trade

**Program Outcome: BUSM 52 - SLO 1**

I am able to explain how a small business can prepare to conduct export operations

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

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**Degree: AS - Livestock Management - S0103**

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**Degree: AS - Livestock Management - S0103**

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**Program Outcome: Production/Business plans**

Students the Livestock Management degree will be able to design a comprehensive production/business plan for various livestock species

**Program Outcome: transfer**

Completers of this degree can successfully transfer to the CSU and UC system.

**Program Outcome: Animal Welfare**

Completers of this program will address animals welfare requirements when designing and implementing a livestock management system.

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**Degree: AS - Ornamental Horticulture - S0119**

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**Program Outcome: Technical Proficiency**

Students completing the degree will be technically proficient.

**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

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**Degree: AS - Paralegal/Legal Assistant - S0310**

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**Program Outcome: Student confidence**

Students completing the Paralegal / Legal Assistant Degree (S0310) will have increased their confidence in basic paralegal skills.

**Program Outcome: Perform legal work**

Students completing the Paralegal / Legal Assistant Degree (S0310) will competently prepare basic legal documents such as motions and discovery, as they would be asked to do under the direction and supervision of a licensed attorney.

**Program Outcome: Certification: LexisAdvance**

Students completing the Paralegal / Legal Assistant Degree (S0310) will have earned LexisAdvance certification for paralegals.

**Program Outcome: Certification: Westlaw**

Students completing the Paralegal / Legal Assistant Degree (S0310) will have earned Westlaw certification for paralegals.

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

**Degree: AS - Park and Sports Turf Management - S0116**

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**Degree: AS - Park and Sports Turf Management - S0116**

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**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

**Program Outcome: Sports Turf Assessment**

Degree completers will be able to formulate and propose an all-inclusive management program for a sports turf area

**Program Outcome: Pruning Techniques**

Students completing this degree will be able to demonstrate proper pruning skills for pruning woody trees and shrubs.

**Degree: AS - Radio Broadcasting: On the Air - S0605**

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**Program Outcome: Recording**

Use the studio equipment to record and edit a pre-recorded piece

**Program Outcome: Technical**

Operate the studio equipment required for a live radio broadcast

**Degree: AS - Real Estate - S0512**

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**Program Outcome: 1. PLO 1**

Real Estate Sales Students completing the Real Estate Sales Certificate Program (three statutory classes per the Bureau of Real Estate) will have the requisite knowledge to pass the California Real Estate Sales Exam.

**Program Outcome: 2. PLO 2**

State Exam Success Rate Mt. SAC real estate students will meet or exceed the state average for success or passage on the state licensing exam.

**Degree: AS - Registered Veterinary Technology - S0105**

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**Program Outcome: AVMA Skills Performance**

Students completing the Associates of Science Degree in Registered Veterinary Technology will be able to successfully perform all of the skills on the AVMA Task List

**Assessment Rotation Cycles:** 2016-17

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Degree: AS - Registered Veterinary Technology - S0105**

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#### **Program Outcome: AVMA Skills Performance**

#### **Program Outcome: Entry Level Employment**

Students completing the Associates of Science Degree in Registered Veterinary Technology will be able to successfully obtain an entry level position as a veterinary technician.

**Assessment Rotation Cycles:** 2016-17

#### **Program Outcome: National Exam**

Students completing the Associates of Science Degree in Registered Veterinary Technology will be able to successfully pass the Veterinary Technician's National Exam (VTNE).

**Assessment Rotation Cycles:** 2016-17

### **Degree: AS - Sign Language/Interpreting - S0801**

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#### **Program Outcome: Demand Control Schema Applied**

Interpreting students will successfully apply Demand Control Schema (DC-S) Theory to the field of Sign Language Interpreting

#### **Program Outcome: Simultaneous Interpretation**

Given a English narrative successfully give a functional equivalent message in ASL in a simultaneous mode.

### **Degree: AS - Small Business Management - S0508**

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#### **Program Outcome: BUSM 10 - SLO 1**

I am able to define and outline the key principles of continuous quality management

#### **Program Outcome: BUSM 66 - SLO 1**

I am able to describe business planning for small business

### **Degree: AS - Television Production - S0602**

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#### **Program Outcome: Entry-level skills**

RTV program students will feel that they have an increased possession of the skills required for entry-level work in the entertainment industry.

#### **Program Outcome: 3 Production Types**

Function in three types of production: Narrative (film-style), TV Studio, and live Remote Multicamera production in any role.

#### **Program Outcome: Creative Teamwork**

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Degree: AS - Television Production - S0602**

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#### **Program Outcome: Creative Teamwork**

Use communication, artistic and technical skills to collaboratively create programs as part of a team in any role, from writer to editor.

#### **Program Outcome: Avid software skills**

Use Avid Media Composer to the level necessary for an editing internship.

#### **Program Outcome: ePortfolio**

Present an ePortfolio containing video and written work to prospective employers, universities and scholarship committees.

#### **Program Outcome: Visual Storytelling**

Apply aesthetic and technical skills in telling a story visually.

### **Degree: AS-T - Mathematics - S0333**

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#### **Program Outcome: Symbolic manipulation**

Use mathematical tools to manipulate, simplify, and transform mathematical expressions.

#### **Program Outcome: Modeling**

Model real world phenomenon using mathematical equations.

#### **Program Outcome: Analysis**

Develop techniques to analyze and interpret data.

#### **Program Outcome: Communication**

Use mathematical tools to effectively communicate outcomes of experiments and describe the nature of real world phenomenon and conceptual ideas.

#### **Program Outcome: Numeracy**

Develop ability to effectively use numbers and other abstract representations of real world phenomenon and conceptual ideas.

### **DSP&S**

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#### **Outcome Statement - SLO or AUO or SSO: DHH Understanding of Critical Information**

Students who are Deaf will understand critical information by accessing it in a sign language format.

#### **Outcome Statement - SLO or AUO or SSO: Identified Barriers**

(SLO) Students with disabilities will demonstrate increased knowledge of identified barriers or obstacles to transfer to guide decision-making re: future resources, activities, strategies as a result of DSPS intervention.

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

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### **Emergency Medical Services Certificate: Emergency Medical Technician - EMT 90 - E0378**

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### **Emergency Medical Services Certificate: Emergency Medical Technician - EMT 90 - E0378**

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#### **Program Outcome: PLO 1**

Students completing the certificate will demonstrate competence in the assessment, diagnosis and treatment of both medical and trauma patients in accordance with the EMT level Scope of Practice.

#### **Program Outcome: PLO 2**

Students completing certificate will be employable and seeking employment in the field or a related field

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### **Emergency Medical Services Certificate: Emergency Medical Technician - Paramedic (EMT-P) - T1281**

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#### **Program Outcome: PLO-2**

Upon completion of the paramedic program, students will demonstrate competence in the assessment and treatment of the following: Cardiovascular emergencies, Neurological emergencies, Respiratory emergencies, Abdominal emergencies, Diabetic emergencies, Endocrine/renal emergencies, Behavioral emergencies, Traumatic emergencies, Environmental emergencies, Obstetrical emergencies and Pediatric emergencies.

#### **Program Outcome: PLO-3**

Students completing certificate will be employable/seeking employment in the field of paramedicine or a related field

#### **Program Outcome: EMT-P T1281**

All students completing Clinical Internship will have demonstrated skills competency to State & National standards

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### **Emergency Medical Services Degree: AS - Emergency Medical Services - S1210**

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#### **Program Outcome: PLO-2**

Upon completion of the paramedic program, students will demonstrate competence in the assessment and treatment of the following: Cardiovascular emergencies, Neurological emergencies, Respiratory emergencies, Abdominal emergencies, Diabetic emergencies, Endocrine/renal emergencies, Behavioral emergencies, Traumatic emergencies, Environmental emergencies, Obstetrical emergencies and Pediatric emergencies.

#### **Program Outcome: PLO-3**

Students completing certificate will be employable/seeking employment in the field of paramedicine or a related field

#### **Program Outcome: EMT-P T1281**

All students completing Clinical Internship will have demonstrated skills competency to State & National standards

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

## **EOPS / CARE / CalWORKs**

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## **EOPS / CARE / CalWORKs**

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### **Outcome Statement - SLO or AUO or SSO: CalWORKs confidence in requirements, dates, deadlines and course selection**

CalWORKs students participating with CalWORKs counselors will have a high level of confidence concerning the CalWORKs requirements, dates, deadlines and course selection for the next semester.

### **Outcome Statement - SLO or AUO or SSO: CalWORKs graduate/ transfer requirements**

CalWORKs students participating with CalWORKs counselors will become better familiar with their individual graduate/ transfer requirements.

### **Outcome Statement - SLO or AUO or SSO: CalWORKs resume & interview skills**

Upon attending the biannual CalWORKs Work Preparedness Mini-Conference, students will be able to identify the key components of an effective resume, improve interview skills, and develop stronger soft skills related to job success.

## **Fire Technology Certificate: Fire Technology - L2105**

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### **Program Outcome: 1. Fire Department Organization and communication**

Define fire department organization, culture, and methods of communication of entry level fire department personnel.

### **Program Outcome: 3. Analysis of fire prevention techniques**

Demonstrate knowledge of fire preventions efforts and a resulting reduction of life and property loss.

## **Health Services**

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### **Outcome Statement - SLO or AUO or SSO: Health Education /Outreach - healthy Lifestyle**

Health Education /Outreach: Students attending Health Center educational workshops will demonstrate an understanding of healthy lifestyle practices and demonstrate changes in behavior. Example: "Relationship Status: Dating, Hooking-Up, and Everything In-Between."

## **Industrial Design Engineering Certificate: Industrial Design Engineering - Level I- L0327**

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### **Program Outcome: IDE Level 1 Cert L0327**

Students will accurately produce specified 3D physical prototype objects using hand and power tools.

## **Industrial Design Engineering Certificate: Industrial Design Engineering - Level II- L0329**

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ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Industrial Design Engineering Certificate: Industrial Design Engineering - Level II- L0329**

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#### **Program Outcome: IDE level II Cert L0329**

Program completers will be able to create concept sketches and presentations

### **Industrial Design Engineering Certificate: Industrial Design Engineering - Level III- T0328**

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#### **Program Outcome: Manufacturing Costing & Market Research**

Perform sourcing and costing research to optimize design constraints; marketing and demographic research to determine product viability and justification.

### **International Student Program**

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#### **Outcome Statement - SLO or AUO or SSO: Increase Communication Skills**

International Students who attended a workshop will increase their communication skills (verbal) with their faculty so that they feel comfortable asking questions, participating in class room discussion and meeting one on one with their professors

### **Library**

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#### **Outcome Statement - SLO or AUO: Workshop: Finding Articles**

Students will locate two periodical articles relevant to a given topic using Academic Search Premier (ASP) upon completing the Finding and Evaluating Articles workshop.

**Assessment Rotation Cycle:** 2015-16

#### **Outcome Statement - SLO or AUO: Workshop: Finding and Evaluating Books**

Students will locate and evaluate books for academic research using the Mt. SAC Library Catalog upon completing the Finding and Evaluating Books workshop.

**Assessment Rotation Cycle:** 2016-17

#### **Outcome Statement - SLO or AUO: Workshop: Researching Careers**

Students will find career related information using Mt. SAC library resources, the California Labor Market Information Overview and the Occupational Outlook Handbook upon completing the Researching Career Choices Workshop.

**Assessment Rotation Cycle:** 2018-19

#### **Outcome Statement - SLO or AUO: Workshop: Evaluating Websites**

Students will evaluate websites for college-level academic research based on articulated criteria upon completing the Evaluating Websites workshop.

**Assessment Rotation Cycle:** 2019-20

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

## Library

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### **Outcome Statement - SLO or AUO: Workshop: Developing Topics**

Students will develop focused research questions (or statements) for college-level research assignments using reliable background information upon completing the Developing Research Topics workshop.

**Assessment Rotation Cycle:** 2018-19

### **Outcome Statement - SLO or AUO: Student Success - Workshops**

Determine correlation between workshop attendance and retention, persistence, or grade point average

**Assessment Rotation Cycle:** 2015-16

### **Outcome Statement - SLO or AUO: Student Success - Textbooks**

Determine correlation between textbook availability and retention, persistence, and grade point average

### **Outcome Statement - SLO or AUO: Extended library hours during finals**

Extended library hours during finals will provide study space and resources for student as they prepare for finals

**Assessment Rotation Cycle:** 2015-16

## Manufacturing Technology Certificate: Machine Operator - E0956

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### **Program Outcome: Technically competent**

Students completing the certificate will be technically competent.

### **Program Outcome: Skills Demonstration**

Demonstrate ability perform basic mill and lathe setup and operation and machine a simple industry representative component from a 2D print

## Manufacturing Technology Certificate: Manufacturing Technology - T0918

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### **Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

### **Program Outcome: Technically competent**

Students completing the certificate will be technically competent

### **Program Outcome: Skills Demonstration II**

Demonstrate ability to create a CAD model, 2D print or fabricate a part from a 2D print using manual or CNC methods

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

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### **Manufacturing Technology Certificate: Manufacturing Technology - T0918**

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#### **Program Outcome: Skills Demonstration II**

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### **Manufacturing Technology Certificate: MasterCAM - E0927**

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#### **Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

#### **Program Outcome: Technically competent**

Students completing the certificate will be technically competent

#### **Program Outcome: Skills Demonstration: CAM**

Demonstrate ability to create a toolpath for an industry representative part from a 2D print using CAM software

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### **Manufacturing Technology Degree: AS - Manufacturing Technology - S0918**

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#### **Program Outcome: Technical competence**

Program completers will be technically competent

#### **Program Outcome: Employment**

Program completers will be employed or seeking employment in their area or a related area

#### **Program Outcome: Skills Demonstration**

Demonstrate ability to create a CAD model, 2D print or fabricate a part from a 2D print using manual or CNC methods

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### **Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279**

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#### **Program Outcome: Medication Management**

Students completing the certificate program will demonstrate the ability to safely administer medications, with scope of practice, to safely practice as an entry-level licensed psychiatric technician.

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### **Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208**

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#### **Program Outcome: Medication Management**

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208**

---

#### **Program Outcome: Medication Management**

Students completing the associate degree program will demonstrate the ability to safely administer medications, with scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Professional Development**

Students completing the associate degree program will demonstrate the ability to develop and achieve entry-level professional goals.

### **Nursing Degree: AS - Licensed Vocational Nurse to RN - S1201**

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#### **Program Outcome: Role Transition**

Course completer will successfully complete the Role Transition course to be accepted into the Nursing Program in the second semester.

### **Nursing Degree: AS - Nursing - S1203**

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#### **Program Outcome: Employer satisfaction**

Employers will be satisfied with the educational preparation of the Mt. SAC Nursing graduates

#### **Program Outcome: Comprehensive Predictor Exam**

Nursing Program completers will score above the national average on the comprehensive predictor exam

#### **Program Outcome: NCLEX Exam**

Program graduates taking the NCLEX exam for the 1st time will cumulatively score above the national average

#### **Program Outcome: Program completers**

Nursing program completers will deliver safe and competent patient care as newly licensed registered nurses

### **Nursing Degree: AS - Psychiatric Technician to RN - S1209**

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#### **Program Outcome: Role Transition**

Course completer will successfully complete the Role Transition course to be accepted into the Nursing Program in the second semester.

### **Nutrition & Food**

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#### **Outcome Statement - SLO or AUO: Practical Skills**

Students taking NF courses will demonstrate mastery of practical skills, such as planning, cooking, using appropriate technology, or interpreting nutrition information.

ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

## **Nutrition & Food**

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### **Outcome Statement - SLO or AUO: Practical Skills**

### **Outcome Statement - SLO or AUO: Provide High Quality Instruction**

FT NF instructors will expand their knowledge of nutrition and dietetics, and incorporate this information into their classes.

### **Outcome Statement - SLO or AUO: Update Foods Lab**

Update and maintain the Foods Lab (19B-5), including a mini-remodel of the lab and adjacent workrooms to facilitate a better use of space to support program and student needs.

### **Outcome Statement - SLO or AUO: Increase Budget**

Secure additional funding for nutrition and foods courses, particularly lab courses and NF28.

## **Radiologic Technology Degree: AS - Radiologic Technology - S1206**

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### **Program Outcome: Written Communication Skills**

Student/Graduate will demonstrate effective written communication skills

**Assessment Rotation Cycles:** 2016-17

### **Program Outcome: Oral Communication Skills**

Student/Graduate will demonstrate effective oral communication skills

**Assessment Rotation Cycles:** 2016-17

## **Respiratory Therapy Degree: AS - Respiratory Therapy - S1205**

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### **Program Outcome: CRT and RRT Exam**

Graduates will achieve the CRT and RRT credential

### **Program Outcome: Program completors**

The student will demonstrate, in the laboratory and clinical setting, the correct procedures for basic Respiratory Therapy treatment modalities.

### **Program Outcome: Program completors - 2**

The student will demonstrate, in the laboratory and clinical setting, the correct procedures for advanced Respiratory Therapy procedures to include manual and mechanical ventilation.

## **Welding Certificate: Welder - Gas Tungsten Arc Welding - T0932**

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ILO - ILO # 3. Students will use resources and technologies to locate, evaluate, synthesize, and communicate information in various formats.

### **Welding Certificate: Welder - Gas Tungsten Arc Welding - T0932**

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**Program Outcome: Technically competent**

Students completing the certificate will be technically competent

**Program Outcome: WELD Cert T0932**

Program completers will solve problems as related to preparing materials prior to welding.

### **Welding Certificate: Welder - Licensed - L0930**

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**Program Outcome: Technically competent**

Students completing the certificate will be technically competent

**Program Outcome: WELD Certificate L0930**

Students will be able to identify print views, lines and dimensioning methods

### **Welding Degree: AS - Welding - S0919**

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**Program Outcome: Structural Steel Exam**

Program completers will be prepared to pass the Los Angeles City Structural Steel Exam

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

## ACES Program

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### Outcome Statement - SLO or AUO or SSO: ACES

Students will increase their transfer applications to UC and Private schools as a result of visits to such schools

## Admissions & Records

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### Outcome Statement - SLO or AUO or SSO: Increasing Ed Plans

The population of students who have enrolled at Mt. SAC without completing an Educational Plan has grown due to a recent enrollment growth decision. Fall 2014-15 enrollees who don't have an educational plan on file will have an electronic plan on file prior to the end of the 2014-15 school year.

## Aeronautics, Transportation Certificate: FAA Aircraft Dispatcher - E0408

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### Program Outcome: FAA Aircraft Dispatcher Technical Competency

Students will comprehend the skills, techniques, and procedures used by an FAA aircraft dispatcher. Students will be able to explain the principles of the risk assessment process; analyze and determine Boeing 737 New Generation (NG) limitations and aircraft performance data; describe ETOPS and the minimum equipment required; identify trip records as well as Hazardous Materials (HAZMAT) documentation required by regulation; retrieve and interpret aviation weather charts, observations, and forecasts, and determine their applicability to a planned flight; determine the aircraft's ability to be dispatched on certain routes taking into account Operational Specifications (OPS SPECS), Code of Federal Regulations (FARs), Notice to Airmen (NOTAMS), weather, and other restrictions.

**Assessment Rotation Cycles:** 2016-17

## Aeronautics, Transportation Degree: AS - Commercial Flight - S0912

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### Program Outcome: 1. Aviation Industry and Career Planning

Students will recognize and comprehend terms and vocabulary associated with piloting and air traffic control; early federal legislation that was influential in shaping the aviation industry; the function of government in regulating the aviation industry; airline economics and demand; and career planning skills and resources.

### Program Outcome: 2. Aviation Safety and Human Factors

Students will recognize and comprehend physiology limitations humans experience in flight; comprehend the skills, techniques, and procedures of advanced crew resource management (ACRM), and applying ACRM principles in problem-solving scenarios; analyze aircraft accident case-studies and identify key factors leading to aircraft accidents.

### Program Outcome: 3. Aviation Weather and Aeronautical Decision Making

Students will identify and determine the characteristics of North American continental and worldwide weather systems; encode and decode hourly surface weather observations and pilot reports; encode and decode aviation weather forecasts and meteorological advisories; and summarize aviation weather conditions and forecasts using a variety of charts, observations, and forecasts with the goal of demonstrating good decision-making and problem-solving skills.

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

### **Aeronautics, Transportation Degree: AS - Commercial Flight - S0912**

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#### **Program Outcome: 3. Aviation Weather and Aeronautical Decision Making**

#### **Program Outcome: 4. Flight Operations and Flight Planning**

Students will comprehend the skills, techniques, and procedures for safely operating aircraft in primary, instrument, and commercial flight operations. Students will be able to explain the principles of flight and aerodynamics as they relate to airplanes, helicopters, and other high-performance aircraft; analyze aircraft performance data necessary for takeoff and landing and evaluate problem-solving scenarios for “go” and “no-go” decisions; analyze and apply weight and balance principles in problem-solving scenarios.

### **Alcohol and Drug Counseling Certificate: Alcohol Drug Counseling - T2101**

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#### **Program Outcome: ADCert T2101**

Students will demonstrate the ability to apply theoretical and practical knowledge in the core competencies of alcohol & drug counselors.

#### **Program Outcome: Professional Development**

Students completing the certificate/associates degree program will demonstrate the ability to develop and achieve entry-level professional goals.

#### **Program Outcome: Skills Competency**

Students completing the certificate/associates degree program will demonstrate competency in basic counseling skills commensurate with an entry level practitioner in the addictions counseling field.

#### **Program Outcome: Behavioral Health**

Students completing the certificate/associates degree program will demonstrate the ability to assess, intervene, and refer clients with co-occurring mental health and substance abuse disorder to appropriate resources.

### **Alcohol and Drug Counseling Degree: AS - Alcohol/Drug Counseling - S2101**

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#### **Program Outcome: AD Associate's Degree Graduates**

Students will demonstrate the ability to apply theoretical and practical knowledge in the core competencies of alcohol & drug counselors

#### **Program Outcome: Technical Competency**

Students completing certificate will be technically competent to safely practice as an entry-level alcohol & drug counselor.

#### **Program Outcome: AD AS S2101**

Students completing the certificate/associates degree program will demonstrate the ability to develop and achieve entry-level professional goals.

#### **Program Outcome: Ethical competence**

Students completing the certificate will demonstrate an understanding of ethical & legal requirements for alcohol & drug counselors.

#### **Program Outcome: Skills Competency**

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

### **Alcohol and Drug Counseling Degree: AS - Alcohol/Drug Counseling - S2101**

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#### **Program Outcome: Skills Competency**

Students completing the certificate/associates degree program will demonstrate competency in basic counseling skills commensurate with an entry level practitioner in the addictions counseling field.

#### **Program Outcome: Behavioral Health**

Students completing the certificate/associates degree program will demonstrate the ability to assess, intervene, and refer clients with co-occurring mental health and substance abuse disorder to appropriate resources.

#### **Program Outcome: Documentation and Treatment Plan Development**

Students completing the certificate/associates degree program will demonstrate the ability to prepare and develop professional treatment plans and other clinical documentation.

### **Architecture Certificate: Architectural Technology - Design Concentration Level II - T0205**

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#### **Program Outcome: Employment**

Certificate holders will be employed or actively seeking employment in the field or a related field

### **Architecture Certificate: Architectural Technology - Design Concentration Level III - T0206**

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#### **Program Outcome: Employment**

Certificate holders will be employed or actively seeking employment in the field or a related field

### **Architecture Certificate: Architectural Technology - Level I - T0291**

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#### **Program Outcome: Employment**

Certificate holders will be employed or actively seeking employment in the field or a related field

#### **Program Outcome: Arch Cert Level 1 T0291**

Program completers will successfully execute orthographic and 3D drawing projections

### **Architecture Certificate: Architectural Technology - Technology Concentration Level II - T0203**

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#### **Program Outcome: Employment**

Certificate holders will be employed or actively seeking employment in the field or a related field

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

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### **Architecture Certificate: Architectural Technology - Technology Concentration Level II - T0203**

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**Program Outcome: 3. Arch Cert Lev2T0203**

Program completers will successfully execute orthographic and 3D drawing projections

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### **Architecture Certificate: Architectural Technology - Technology Concentration Level III - T0204**

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**Program Outcome: Employment**

Certificate holders will be employed or actively seeking employment in the field or a related field

**Program Outcome: ARch Cert Level 3 T0204**

Program completers will successfully execute orthographic and 3D drawing projections

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### **Architecture Certificate: Construction Inspection - L0920**

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**Program Outcome: Technically competent**

Students completing the certificate will be technically competent

**Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

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### **Architecture Degree: AS - Architectural Tech - Design Concentration - S0207**

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**Program Outcome: Transfer**

Program completers will successfully transfer to a four year university in a related major

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### **Architecture Degree: AS - Architectural Technology - Tech Concentration - S0201**

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**Program Outcome: Transfer**

Program completers will transfer to a 4 year university in a related major

**Program Outcome: Employment**

Program completers will be employed or seeking employment in the field or in a related field

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### **Arise**

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ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

## Arise

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### **Outcome Statement - SLO or AUO or SSO: Importance of Ed Plan**

75% of Arise students who complete a survey will be able to identify one reason why the educational plan is important.

### **Outcome Statement - SLO or AUO or SSO: Fale Fono 2 of 6 Success Factors**

60% of the students who attend half or more of the Fale Fono events each full semester (Fall and Spring terms) will report increases in at least two of the six student success factors.

### **Outcome Statement - SLO or AUO or SSO: Arise Guided Pathways (ASAP!)**

70% of new Arise students will complete 70% of their Guided Pathways (checklist of tasks within one year of program enrollment.)"

**Assessment Rotation Cycle:** 2016-17, 2017-18, 2018-19

## Aspire Program

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### **Outcome Statement - SLO or AUO or SSO: Cultural and Social Awareness**

Black History Luncheon – Students will increase their cultural and social awareness and networking opportunities.

## Assessment & Matriculation

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### **Outcome Statement - SLO or AUO or SSO: Math Test Information Session**

After attending a Math Test Information Session, students will be better informed as to which math test to take.

## Career / Transfer Services

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### **Outcome Statement - SLO or AUO or SSO: Transfer 101 Workshop SLO**

Upon attending a Transfer 101 CSU or UC workshop, students will be able to identify the minimum admissions requirements for a CSU or UC.

### **Outcome Statement - SLO or AUO or SSO: Benefits of ADT**

Through one on one appointments and workshops, transfer students will be able to understand the benefits of earning an Associate Degree for Transfer (ADT)

### **Outcome Statement - SLO or AUO or SSO: Resume Upload and Research**

Students will learn to upload resumes and research job leads on Mountie Career Source

## Certificate: Animal Science Fundamentals - E0360

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### **Program Outcome: Economic Importance of Animal Industries**

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

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**Certificate: Animal Science Fundamentals - E0360**

**Program Outcome: Economic Importance of Animal Industries**

Students completing their Certificate in Animal Science Fundamentals will be able to explain the historical and current economic importance of the livestock and pet animal industries.

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**Certificate: Athletic Trainer Aide I - E0802**

**Program Outcome: 1. Roles & Responsibilities of a school ATC**

Identify daily tasks of operating an athletic training room, pre and post practice, and pre and post competition.

**Program Outcome: 2. Basic Sports medicine Terminology**

Create athletic injury documentation in hard copy format and on computerized injury tracking systems.

**Program Outcome: 3. Universal Precautions**

Recognize injuries and conditions to be treated that require protection of the health care provider, the patient and the health care facility.

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**Certificate: Business: International - Level I - E0527**

**Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

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**Certificate: Business: International - Level II - L0597**

**Program Outcome: BUSM 66 - SLO 2**

I am able to discuss the legal forms of business ownership

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**Certificate: Business: International - Level III - L0528**

**Program Outcome: BUSM 52 - SLO 3**

I am able to describe types of international trade transportation intermediaries

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**Certificate: Business: Management - Level II - L0586**

**Program Outcome: BUSM 60 - SLO 1**

I am able to define organizational culture, socialization and mentoring

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

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**Certificate: Business: Management - Level II - L0586**

**Program Outcome: BUSM 60 - SLO 1**

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**Certificate: Consumer Relations - B0326**

**Program Outcome: Meaningful Sel-Evaluation**

Students completing the Consumer Relations Certificate (B0326) program will demonstrate meaningful self-evaluation related to increasing their lifelong personal well-being.

**Program Outcome: Determine Goals**

Students completing the Consumer Relations Certificate (B0326) program will be able to determine their short term, intermediate and long term goals.

**Program Outcome: Consumer Resources**

Students completing the Consumer Relations Certificate will be able to identify consumer related laws and government agencies.

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**Certificate: English as a Second Language - 24054**

**Program Outcome: ESL Certificate**

Certificate completers will demonstrate advanced-level skill achievement (VESL 1) in English language proficiency.

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**Certificate: English as a Second Language - Advanced - 30376**

**Program Outcome: ESL Certificate - Advanced**

Certificate completers will demonstrate advanced-level skill achievement in English language proficiency.

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**Certificate: English as a Second Language - Beginning - 30375**

**Program Outcome: ESL Certificate - Beginning**

Certificate completers will demonstrate beginning-level skill achievement in English language proficiency.

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**Certificate: English as a Second Language - Intermediate - 30374**

**Program Outcome: ESL Certificate - Intermediate**

Certificate completers will demonstrate intermediate-level skill achievement in English language proficiency.

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

### **Certificate: Gallery Design, Operation and Art Profession - E1020**

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### **Certificate: Gallery Design, Operation and Art Profession - E1020**

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#### **Program Outcome: Aesthetic Base**

Upon the successful completion of this program, students will have completed the foundation courses of the major which are the aesthetic base needed for transfer into bachelors programs or independent work as an artist.

#### **Program Outcome: Visual Concepts in Communication**

Upon the successful completion of this program, students will be able to apply visual arts concepts that are basic to many forms and fields of art and design in visual, oral, and written communication.

#### **Program Outcome: Cultural and Historical Context**

Upon the successful completion of this program, students will be able to demonstrate in oral, written and studio work familiarity with the history of western art.

#### **Program Outcome: Technical Application**

Upon the successful completion of this program, students will be proficient in a variety of visual art techniques and tools using them to explore a range of subjects, media, styles and formats.

#### **Program Outcome: Professional Practices**

Upon the successful completion of this program, students will create independent original work in the area of their focus demonstrating basic professional practices.

### **Certificate: Graphic Design - Level II - T0321**

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#### **Program Outcome: Research**

research and interpret information necessary to develop an effective message(s) and strategy for a commercial art assignment.

#### **Program Outcome: Presentation**

present their commercial art products, explaining and defending their strategic choices, creative ideas and design decisions.

### **Certificate: Horse Ranch Management - Level I - E0361**

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#### **Program Outcome: Professional Conduct**

Students completing the Horse Ranch Management certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Animal Welfare**

Students completing a certificate in Horse Ranch Management will be able to address animal welfare requirements when designing and implementing an equine management system (Inactive)

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

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**Certificate: Horse Ranch Management - Level II - L0376**

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**Certificate: Horse Ranch Management - Level II - L0376**

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**Program Outcome: Professional Conduct**

Students completing the Horse Ranch Management certificate will demonstrate professional conduct in the industry.

**Program Outcome: Production/Business Plans**

Students will design a production/business plan for a horse-related activity

**Program Outcome: Animal Welfare**

Students completing a certificate in Horse Ranch Management will be able to address animal welfare requirements when designing and implementing an equine management system

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**Certificate: Horticulture Science - L0394**

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**Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

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**Certificate: Interior Landscaping - L0106**

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**Program Outcome: Professional Conduct**

Students completing the Interior Landscaping certificate will demonstrate professional conduct in the industry.

**Program Outcome: Customer Relations**

Students completing the Interior Landscaping Certificate will be able to demonstrate competency in one on one customer relations.

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**Certificate: Landscape and Park Maintenance - L0357**

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**Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

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**Certificate: Landscape Construction - L0393**

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ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

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### **Certificate: Landscape Construction - L0393**

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#### **Program Outcome: Contracts**

Students completing the certificate will be able to prepare and implement a Home Improvement Contract.

#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

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### **Certificate: Landscape Design I - L0368**

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#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

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### **Certificate: Landscape Design II - L0396**

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#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

#### **Program Outcome: Soft Skills**

Students successfully completing this certificate will be able to make a professional landscape design presentation to a customer

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### **Certificate: Landscape Equipment Technology - L0358**

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#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

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### **Certificate: Landscape Irrigation - L0110**

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ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

### **Certificate: Landscape Irrigation - L0110**

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#### **Program Outcome: Functional Design**

Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria

#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing this certificate will be able to give a professional quality oral presentation

### **Certificate: Livestock Production Management - E0363**

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#### **Program Outcome: production/business plan**

Students completing the livestock certificate will be able to design a comprehensive production/business plan for various livestock species

#### **Program Outcome: Animal Welfare**

Completers of this program will address animals welfare requirement when designing and implementing a livestock management system.

### **Certificate: Marketing Management - L0510**

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#### **Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

### **Certificate: Nursery Management - L0107**

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#### **Program Outcome: Professional Conduct**

Students completing the certificate will be able to demonstrate professional conduct.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Nutrition - E0353**

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#### **Program Outcome: Self Evaluation**

Students completing the Nutrition Certificate will be able to demonstrate meaningful self-evaluation of their current food choices related to increasing their lifelong personal wellbeing.

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

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**Certificate: Nutrition - E0353**

**Program Outcome: Self Evaluation**

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**Certificate: Park Management - T0186**

**Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

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**Certificate: Pet Science - T0104**

**Program Outcome: Animal Welfare**

Students completing a certificate in Pet Science will be able to address animal welfare requirements when designing and implementing an animal management system.

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**Certificate: Photography - Level I - L0348**

**Program Outcome: Understand Business Practices**

Upon successful completion of this program the student will have the knowledge and skills pertinent to the operation of a freelance photography business and sound business practices in the trade.

**Program Outcome: Work as a Collaborator**

Upon the successful completion of this program, the student will be able to usefully participate in the collaborative environment of commercial art fields.

**Program Outcome: Discuss and Critique Imagery**

Upon the successful completion of this program, the student will be able to analyze, discuss, and critique the various technical, aesthetic, conceptual, historical and cultural aspects of a photograph.

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**Certificate: Sports Turf Management - L0112**

**Program Outcome: Sports Turf Assessment**

Certificate completers will be able to formulate and propose an all-inclusive management program for a sports turf area

**Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

### **Certificate: Sports Turf Management - L0112**

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#### **Program Outcome: Professional Conduct**

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Certificate: Television Crew - L0354**

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#### **Program Outcome: 3 Production Types**

Function in three types of production: Narrative (film-style), TV Studio, and live Remote Multicamera production in any role.

#### **Program Outcome: Creative Teamwork**

Use communication, artistic and technical skills to collaboratively create programs as part of a team in any role, from writer to editor.

### **Certificate: Tree Care and Maintenance - L0111**

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#### **Program Outcome: Professional Conduct**

Students completing the certificate will demonstrate professional conduct in the industry.

#### **Program Outcome: Professional Oral Presentation**

Students completing the certificate will be able to give a professional quality oral presentation

### **Counseling**

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#### **Outcome Statement - SLO or AUO or SSO: On-Line Counseling**

Student level of satisfaction of on-line counseling services will increase by 10% from a 75% satisfaction level as reported in On-line Counseling Satisfaction Survey.

#### **Outcome Statement - SLO or AUO or SSO: Orientation**

As a result of participating in counselor facilitated orientation, 75% of the students assessed will feel confident about starting their first semester at Mt. SAC.

#### **Outcome Statement - SLO or AUO or SSO: Probation Notification**

80% of current students on academic and/or progress probation will understand the new probation policy.

### **Degree: AA - Liberal Arts Emphasis Business - A8981**

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#### **Program Outcome: BUSM 20 - SLO 1**

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

**Degree: AA - Liberal Arts Emphasis Business - A8981**

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**Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

**Degree: AA - Liberal Arts Emphasis Communication - A8982**

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**Program Outcome: Information Analysis**

Students will critically analyze information and arguments.

**Program Outcome: Research**

Students will select and research an appropriate topic and thesis.

**Program Outcome: Organization**

Students will logically organize supporting materials into a well-crafted presentation.

**Program Outcome: Delivery and Confidence**

Students will demonstrate effective verbal and non-verbal delivery skills to present a message to a live audience in a confident manner.

**Program Outcome: Problem Solving**

Students will formulate communication solutions to problems in a range of contexts.

**Program Outcome: Diversity**

Students will create messages appropriate for diverse audiences and listener.

**Program Outcome: Personal Awareness**

Students will develop an improved understanding of themselves as communicators.

**Degree: AA - Liberal Arts Emphasis Environmental Studies - A0411**

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**Program Outcome: Environmental impact**

Analyze the impact of humans on the environment

**Program Outcome: Impact on social institutions**

Analyze the impact of human behavior and beliefs on social institutions

**Degree: AA - Liberal Arts Emphasis Fine Arts - A8983**

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**Program Outcome: Foundation Course Completion**

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

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### **Degree: AA - Liberal Arts Emphasis Fine Arts - A8983**

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#### **Program Outcome: Foundation Course Completion**

Upon the successful completion of this program, students will have completed the foundation courses of the major which are the aesthetic base needed for transfer into bachelors programs or independent work as an artist.

#### **Program Outcome: Visual Concepts**

Upon the successful completion of this program, students will be able to apply visual arts concepts that are basic to many forms and fields of art and design in visual, oral, and written communication

#### **Program Outcome: Cultural and Historical Context**

Upon the successful completion of this program, students will be able to demonstrate in oral, written and studio work familiarity with the history of western art.

#### **Program Outcome: Technical Application**

Upon the successful completion of this program, students will be proficient in a variety of visual art techniques and tools using them to explore a range of subjects, media, styles and formats.

#### **Program Outcome: Professional Practices**

Upon the successful completion of this program, students will create independent original work in the area of their focus demonstrating basic professional practices.

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### **Degree: AA - Liberal Arts Emphasis Kinesiology and Wellness - A8986**

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#### **Program Outcome: 1. Kinesiology Pedagogy**

Upon completion of the AA with KIN Emphasis, students will have an understanding of kinesiology, health promotion, and the mechanics of human bodily movement.

#### **Program Outcome: 2. Kinesiology Related Pedagogy**

Upon completion of the AA with KIN Emphasis, students will have an understanding of Anatomy, Nutrition as well as Behavior Development as it applies to Kinesiology.

#### **Program Outcome: 3. Movement Skills**

Upon completion of the AA with KIN Emphasis, students will be able to demonstrate competence in several activities.

#### **Program Outcome: 4. Career Preparation**

Upon completion of the AA with KIN Emphasis, students will be provided with an opportunity to prepare for transfer or a career in the field of human movement and wellness.

#### **Program Outcome: 5. Personal Wellbeing**

Upon completion of the AA with KIN Emphasis, students will be able to examine personal health-related behavioral patterns, select goals and formulate appropriate health and fitness strategies.

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### **Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988**

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ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

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**Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988**

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**Program Outcome: Critical Thinking**

Critically read, interpret, and analyze a range of complex text and data to make connections and draw meaningful conclusions.

**Program Outcome: Responsibility**

Identify and model the professional and ethical responsibilities of a scientist.

**Program Outcome: Communication**

Communicate scientific principles and applications effectively, both verbally and in writing.

**Program Outcome: Impact**

Describe the impact of humans and our technology in an environmental and societal context.

**Program Outcome: Life-Long Learning**

Pursue further study or life-long learning in the sciences

**Program Outcome: Teamwork**

Work collaboratively to reach a common goal or solve a problem.

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**Degree: AA-T - Art History - A0330**

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**Program Outcome: Contextual analysis**

Students will demonstrate the ability to critically analyze visual objects as artifacts of visual culture from a variety of perspectives, utilizing various modes of analysis.

**Program Outcome: Culture**

Student completing an assignment will be able to identify the influence of culture on human expression

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**Degree: AA-T - Communication Studies - A0325**

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**Program Outcome: Information Analysis**

Upon successful completion of the AAT in Communication Studies, students will critically analyze information and arguments.

**Program Outcome: Research**

Upon successful completion of the AAT in Communication Studies, students will select and research an appropriate topic and thesis.

**Program Outcome: Organization**

Upon successful completion of the AAT in Communication Studies, students will logically organize supporting materials into a well-crafted presentation.

**Program Outcome: Delivery and Confidence**

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

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**Degree: AA-T - Communication Studies - A0325**

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**Program Outcome: Delivery and Confidence**

Upon successful completion of the AAT in Communication Studies, students will demonstrate effective verbal and non-verbal delivery skills to present a message to a live audience in a confident manner.

**Program Outcome: Problem Solving**

Upon successful completion of the AAT in Communication Studies, students will formulate communication solutions to problems in a range of contexts.

**Program Outcome: Diversity**

Upon successful completion of the AAT in Communication Studies, students will create messages appropriate for diverse audiences and listener.

**Program Outcome: Personal Awareness**

Upon successful completion of the AAT in Communication Studies, students will develop an improved understanding of themselves as communicators.

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**Degree: AA-T - Geography - A0356**

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**Program Outcome: Geographic Principles**

Apply geographic principles to particular world regions.

**Program Outcome: Human Environment Relationships**

Analyze the fundamental relationship between humans and the environment.

**Program Outcome: Spatial Variation**

Evaluate the spatial variation in human and physical processes.

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**Degree: AA-T - Music - A0347**

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**Program Outcome: Performance**

Students will demonstrate proficiency in the rehearsal, collaboration and performance of music across a wide range of compositional styles and in a variety of venues.

**Program Outcome: History and Literature**

Students will comprehend and communicate in writing the cultural and historical contexts of music, as well as stylistic differences, in the Western classical traditions.

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**Degree: AA-T - Philosophy**

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**Program Outcome: Soundness of argument**

When given a philosophical question, students will be able to determine the soundness of an argument based on criteria for evaluating the argument.

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

### **Degree: AA-T - Philosophy**

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#### **Program Outcome: Philosophical analysis**

Students will be able to use philosophical methods, assumptions, and principles to analyze ideas, positions and situations.

### **Degree: AA-T - Political Science - A0345**

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#### **Program Outcome: U.S. Government and Political Institutions**

Explain political institutions and processes of the United States government.

#### **Program Outcome: Research Methodology**

Identify research and statistical methods appropriate to Political Science.

#### **Program Outcome: Political Theory**

Compare and contrast major theoretical perspectives in Political Science.

#### **Program Outcome: International Relations**

Analyze the relationships between governments globally.

#### **Program Outcome: Comparative Politics**

Compare and contrast the institutions and processes of governments around the world.

### **Degree: AA-T - Psychology - A0324**

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#### **Program Outcome: Matriculating**

Upon successful completion of this program, the student will be able to matriculate to a Bachelor's program in psychology or a related discipline.

#### **Program Outcome: Describe research and statistics**

Upon successful completion of this program, the student will be able to describe research and statistical methods appropriate to psychology

#### **Program Outcome: Biology and behavior**

Upon successful completion of this program, the student will be able to synthesize relationships between biological and behavioral functions.

### **Degree: AA-T - Sociology**

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#### **Program Outcome: Mastery of Social Forces**

Students will be able to assess how social forces shape, guide and influence individual and group behavior.

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

**Degree: AA-T - Studio Arts - A0395**

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**Degree: AA-T - Studio Arts - A0395**

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**Program Outcome: Aesthetic Base**

Upon the successful completion of this program, students will be prepared to transfer to the California State University system or other public and private colleges and universities to complete Bachelor of Arts or Bachelor of Fine Arts in Art, Studio Art, Fine Art, or Visual Art degrees.

**Program Outcome: Visual Arts Concepts in Communication**

Upon the successful completion of this program, students will be able to apply visual arts concepts that are basic to many forms and fields of art and design in visual, oral, and written communication.

**Degree: AA-T - Theater Arts - A0346**

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**Program Outcome: Working as a Collaborator**

Upon the successful completion of this program, the student will understand the interactions of the various theater disciplines and be able to usefully participate in the collaborative environment of theater.

**Program Outcome: Cultural and Historical Context**

Upon successful completion of this program the student will be able to analyze and critique elements of the production in their historical and cultural context.

**Degree: AS - Agri-Technology - S0101**

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**Program Outcome: Understanding of World Agriculture**

Students completing the Agri-Technology Degree will be able to demonstrate an understanding of the interdependence of world agriculture systems.

**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

**Degree: AS - Animation - S1006**

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**Program Outcome: Create games**

Upon successful completion of this program, students will be able to design, collaborate on, work with external developers and produce board games, and digital games.

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

**Degree: AS - Business - Management - S0506**

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**Degree: AS - Business - Management - S0506**

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**Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

**Program Outcome: BUSM 51 - SLO 1**

I am able to identify how governments influence trade

**Degree: AS - Equipment Technology - S0118**

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**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

**Degree: AS - Graphic Design- S0318**

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**Program Outcome: Research**

research and interpret information necessary to develop an effective message(s) and strategy for a commercial art assignment.

**Program Outcome: Presentation**

present their commercial art products, explaining and defending their strategic choices, creative ideas and design decisions.

**Degree: AS - Horse Ranch Management - S0102**

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**Program Outcome: Production/Business Plans**

Students completing the Horse Ranch Management degree will be able to design a comprehensive production/business plan for various horse-related activities

**Program Outcome: Professional Conduct**

Students completing the Horse Ranch Management degree will demonstrate professional conduct in the industry

**Program Outcome: Entry-Level Job**

Students completing the Horse Ranch Management Degree will be able to obtain an entry-level position in the horse industry

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

**Degree: AS - Integrated Pest Management - S0311**

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**Degree: AS - Integrated Pest Management - S0311**

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**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

**Program Outcome: Integrated Pest Management Program**

Degree completers will be able to formulate and implement a complete Integrated Pest Management program for a specific site.

**Degree: AS - Interior Design S1301**

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**Program Outcome: Accuracy**

Students will successfully meet program requirements.

**Degree: AS - International Business - S0507**

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**Program Outcome: BUSM 52 - SLO 1**

I am able to explain how a small business can prepare to conduct export operations

**Program Outcome: BUSM 66 - SLO 1**

I am able to describe business planning for small business

**Degree: AS - Lifestock Management - S0103**

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**Program Outcome: Production/Business plans**

Students the Livestock Management degree will be able to design a comprehensive production/business plan for various livestock species

**Program Outcome: transfer**

Completers of this degree can successfully transfer to the CSU and UC system.

**Program Outcome: Animal Welfare**

Completers of this program will address animals welfare requirements when designing and implementing a livestock management system.

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

**Degree: AS - Marketing Management - S0510**

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**Degree: AS - Marketing Management - S0510**

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**Program Outcome: BUSM 20 - SLO 1**

I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States

**Degree: AS - Ornamental Horticulture - S0119**

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**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

**Degree: AS - Paralegal/Legal Assistant - S0310**

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**Program Outcome: Student confidence**

Students completing the Paralegal / Legal Assistant Degree (S0310) will have increased their confidence in basic paralegal skills.

**Program Outcome: Perform legal work**

Students completing the Paralegal / Legal Assistant Degree (S0310) will competently prepare basic legal documents such as motions and discovery, as they would be asked to do under the direction and supervision of a licensed attorney.

**Program Outcome: Certification: LexisAdvance**

Students completing the Paralegal / Legal Assistant Degree (S0310) will have earned LexisAdvance certification for paralegals.

**Program Outcome: Certification: Westlaw**

Students completing the Paralegal / Legal Assistant Degree (S0310) will have earned Westlaw certification for paralegals.

**Degree: AS - Park and Sports Turf Management - S0116**

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**Program Outcome: Professional Conduct**

Students completing the degree will demonstrate professional conduct in the industry.

**Program Outcome: Professional Oral Presentation**

Students completing the degree will be able to give a professional quality oral presentation

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

**Degree: AS - Radio Broadcasting: On the Air - S0605**

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**Degree: AS - Radio Broadcasting: On the Air - S0605**

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**Program Outcome: Social Media**

Use social media during a live radio show to engage with the audience

**Degree: AS - Registered Veterinary Technology - S0105**

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**Program Outcome: AVMA Skills Performance**

Students completing the Associates of Science Degree in Registered Veterinary Technology will be able to successfully perform all of the skills on the AVMA Task List

**Assessment Rotation Cycles:** 2016-17

**Program Outcome: Entry Level Employment**

Students completing the Associates of Science Degree in Registered Veterinary Technology will be able to successfully obtain an entry level position as a veterinary technician.

**Assessment Rotation Cycles:** 2016-17

**Degree: AS - Small Business Management - S0508**

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**Program Outcome: BUSM 66 - SLO 1**

I am able to describe business planning for small business

**Degree: AS - Television Production - S0602**

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**Program Outcome: 3 Production Types**

Function in three types of production: Narrative (film-style), TV Studio, and live Remote Multicamera production in any role.

**Program Outcome: Creative Teamwork**

Use communication, artistic and technical skills to collaboratively create programs as part of a team in any role, from writer to editor.

**Degree: AS-T - Mathematics - S0333**

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**Program Outcome: Communication**

Use mathematical tools to effectively communicate outcomes of experiments and describe the nature of real world phenomenon and conceptual ideas.

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

### **Degree: AS-T - Mathematics - S0333**

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#### **Program Outcome: Numeracy**

Develop ability to effectively use numbers and other abstract representations of real world phenomenon and conceptual ideas.

### **DSP&S**

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#### **Outcome Statement - SLO or AUO or SSO: Stabilize services for DHH**

Services for students who are deaf and hard of hearing (DHH) will be of good quality, cost effective and organized.

#### **Outcome Statement - SLO or AUO or SSO: Personal Responsibility**

(SLO) Students with disabilities will demonstrate an increased level of personal responsibility as a result of learning about and using DSPS services or taking a DSPS class.

#### **Outcome Statement - SLO or AUO or SSO: Self-Advocacy**

(SLO) Students with disabilities will demonstrate an increased level of self-advocacy as a result of learning about and using DSPS services or taking a DSPS class.

#### **Outcome Statement - SLO or AUO or SSO: Proactive Steps based on Learning Needs**

(SLO) Students registered with DSPS know their learning needs and take appropriate, proactive steps to ensure that they access services necessary to their success.

### **Emergency Medical Services Certificate: Emergency Medical Technician - EMT 90 - E0378**

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#### **Program Outcome: PLO 2**

Students completing certificate will be employable and seeking employment in the field or a related field

### **Emergency Medical Services Certificate: Emergency Medical Technician - Paramedic (EMT-P) - T1281**

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#### **Program Outcome: PLO-1**

Upon completion of the paramedic program, students will demonstrate competence in the following areas: patient assessment skills, scene management, knowledge of the laws governing Paramedic scope of practice, knowledge of the functions of cells, tissues, organs and organ systems as they relate to paramedic practices and patient care, the ability to utilize appropriate communications skills and demeanor with patients, family members, and field/hospital staff as well as display assertiveness in emergency situations as evidenced by proper assessment and selection of interventions.

#### **Program Outcome: PLO-2**

Upon completion of the paramedic program, students will demonstrate competence in the assessment and treatment of the following: Cardiovascular emergencies, Neurological emergencies, Respiratory emergencies, Abdominal emergencies, Diabetic emergencies, Endocrine/renal emergencies, Behavioral emergencies, Traumatic emergencies, Environmental emergencies, Obstetrical emergencies and Pediatric emergencies.

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

### **Emergency Medical Services Certificate: Emergency Medical Technician - Paramedic (EMT-P) - T1281**

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#### **Program Outcome: PLO-3**

Students completing certificate will be employable/seeking employment in the field of paramedicine or a related field

### **Emergency Medical Services Degree: AS - Emergency Medical Services - S1210**

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#### **Program Outcome: PLO-1**

Upon completion of the paramedic program, students will demonstrate competence in the following areas: patient assessment skills, scene management, knowledge of the laws governing Paramedic scope of practice, knowledge of the functions of cells, tissues, organs and organ systems as they relate to paramedic practices and patient care, the ability to utilize appropriate communications skills and demeanor with patients, family members, and field/hospital staff as well as display assertiveness in emergency situations as evidenced by proper assessment and selection of interventions.

#### **Program Outcome: PLO-2**

Upon completion of the paramedic program, students will demonstrate competence in the assessment and treatment of the following: Cardiovascular emergencies, Neurological emergencies, Respiratory emergencies, Abdominal emergencies, Diabetic emergencies, Endocrine/renal emergencies, Behavioral emergencies, Traumatic emergencies, Environmental emergencies, Obstetrical emergencies and Pediatric emergencies.

#### **Program Outcome: PLO-3**

Students completing certificate will be employable/seeking employment in the field of paramedicine or a related field

### **EOPS / CARE / CalWORKs**

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#### **Outcome Statement - SLO or AUO or SSO: EOPS New Student Orientations**

Students who attend the New Student Orientation will be able to identify at least three program requirements.

#### **Outcome Statement - SLO or AUO or SSO: CalWORKs confidence in requirements, dates, deadlines and course selection**

CalWORKs students participating with CalWORKs counselors will have a high level of confidence concerning the CalWORKs requirements, dates, deadlines and course selection for the next semester.

#### **Outcome Statement - SLO or AUO or SSO: CalWORKs graduate/ transfer requirements**

CalWORKs students participating with CalWORKs counselors will become better familiar with their individual graduate/ transfer requirements.

#### **Outcome Statement - SLO or AUO or SSO: CalWORKs Tutorial services**

CalWORKs students participating in the CalWORKs Tutorial services will demonstrate an increase in academic confidence and performance

#### **Outcome Statement - SLO or AUO or SSO: CalWORKs resume & interview skills**

Upon attending the biannual CalWORKs Work Preparedness Mini-Conference, students will be able to identify the key components of an effective resume, improve interview skills, and develop stronger soft skills related to job success.

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

## **EOPS / CARE / CalWORKs**

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### **Outcome Statement - SLO or AUO or SSO: CalWORKs resume & interview skills**

### **Outcome Statement - SLO or AUO or SSO: EOPS Counseling 2 Class**

Students will be able to identify at least 2 study skills strategies important to success after completing Counseling 2 class.

### **Outcome Statement - SLO or AUO or SSO: EOPS Self Management Strategies**

Students will be able to identify at least 2 Self- Management strategies learned from Counseling 2 class.

## **Financial Aid**

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### **Outcome Statement - SLO or AUO or SSO: Financial Literacy - Cost of Education**

After attending a Financial Literacy Event/Workshop, students will know the costs of education amongst the different segments of higher education.

### **Outcome Statement - SLO or AUO or SSO: Financial Literacy - Build Individual Wealth**

After participating in the Fall Semester Financial Literacy Awareness Week workshops, students will know the tools/strategies needed to build individual wealth such as savings and good credit.

## **Fire Technology Certificate: Fire Technology - L2105**

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### **Program Outcome: 1. Fire Department Organization and communication**

Define fire department organization, culture, and methods of communication of entry level fire department personnel.

### **Program Outcome: 3. Analysis of fire prevention techniques**

Demonstrate knowledge of fire preventions efforts and a resulting reduction of life and property loss.

## **Health Services**

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### **Outcome Statement - SLO or AUO or SSO: Mental Health Services - Patient Health Questionnaire**

Students with Depressive symptoms requesting mental health services will show improvement their Patient Health Questionnaire-9 (PHQ-9)

### **Outcome Statement - SLO or AUO or SSO: Post-Positive TB Education**

# 2 Medical/RNs: Students with positive TB tests reactions will receive post-positive TB education, resulting in the ability to verbalize understanding of results and importance of further

### **Outcome Statement - SLO or AUO or SSO: RN Provided Education**

Medical/RNs: Improve medical outcomes of injured students with RN-provided educations and intervention

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

## Health Services

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### **Outcome Statement - SLO or AUO or SSO: Health Education /Outreach - healthy Lifestyle**

Health Education /Outreach: Students attending Health Center educational workshops will demonstrate an understanding of healthy lifestyle practices and demonstrate changes in behavior. Example: "Relationship Status: Dating, Hooking-Up, and Everything In-Between."

## Industrial Design Engineering Certificate: Industrial Design Engineering - Level I- L0327

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### **Program Outcome: IDE Level 1 Cert L0327**

Students will accurately produce specified 3D physical prototype objects using hand and power tools.

## Industrial Design Engineering Certificate: Industrial Design Engineering - Level II- L0329

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### **Program Outcome: IDE level II Cert L0329**

Program completers will be able to create concept sketches and presentations

## Industrial Design Engineering Certificate: Industrial Design Engineering - Level III- T0328

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### **Program Outcome: Manufacturing Costing & Market Research**

Perform sourcing and costing research to optimize design constraints; marketing and demographic research to determine product viability and justification.

## International Student Program

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### **Outcome Statement - SLO or AUO or SSO: Increase Participation**

International Student program will increase participation in a variety of programs such as field trips, workshops and campus activities

## Library

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### **Outcome Statement - SLO or AUO: Workshop: Researching Careers**

Students will find career related information using Mt. SAC library resources, the California Labor Market Information Overview and the Occupational Outlook Handbook upon completing the Researching Career Choices Workshop.

**Assessment Rotation Cycle:** 2018-19

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

## Library

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### **Outcome Statement - SLO or AUO: Student Success - Workshops**

Determine correlation between workshop attendance and retention, persistence, or grade point average

**Assessment Rotation Cycle:** 2015-16

### **Outcome Statement - SLO or AUO: Student Success - Textbooks**

Determine correlation between textbook availability and retention, persistence, and grade point average

## **Manufacturing Technology Certificate: Manufacturing Technology - T0918**

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### **Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

## **Manufacturing Technology Certificate: MasterCAM - E0927**

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### **Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

## **Manufacturing Technology Degree: AS - Manufacturing Technology - S0918**

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### **Program Outcome: Employment**

Program completers will be employed or seeking employment in their area or a related area

## **Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279**

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### **Program Outcome: Activities of Daily Living**

Students completing the certificate program will demonstrate the ability to provide client care, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

### **Program Outcome: Nursing Competence**

Students completing the certificate program will demonstrate nursing skills, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

### **Program Outcome: Behavioral Management**

Students completing the certificate program will demonstrate the ability to successfully intervene at all levels of client escalation/de-escalation, within scope of practice, to

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

### **Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279**

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#### **Program Outcome: Behavioral Management**

safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Individual and Group Therapeutic Processes**

Students completing the certificate program will demonstrate the ability to support client efforts to achieve and maintain optimal mental health, within scope of practice, to successfully practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Medication Management**

Students completing the certificate program will demonstrate the ability to safely administer medications, with scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Treatment Plan Development**

Students completing the certificate program will demonstrate the ability to participate in all areas of treatment plan development, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

### **Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208**

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#### **Program Outcome: Activities of Daily Living**

Students completing the associate degree program will demonstrate the ability to provide client care, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Nursing Competence**

Students completing the associate degree program will demonstrate nursing skills, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Behavioral Management**

Students completing the associate degree program will demonstrate the ability to successfully intervene at all levels of client escalation/de-escalation, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Individual and Group Therapeutic Processes**

Students completing the associate degree program will demonstrate the ability to support client efforts to achieve and maintain optimal mental health, within scope of practice, to successfully practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Medication Management**

Students completing the associate degree program will demonstrate the ability to safely administer medications, with scope of practice, to safely practice as an entry-level licensed psychiatric technician.

#### **Program Outcome: Treatment Plan Development**

Students completing the associate degree program will demonstrate the ability to participate in all areas of treatment plan development, within scope of practice, to safely practice as an entry-level licensed psychiatric technician.

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

### **Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208**

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#### **Program Outcome: Treatment Plan Development**

#### **Program Outcome: Professional Development**

Students completing the associate degree program will demonstrate the ability to develop and achieve entry-level professional goals.

### **Nursing Degree: AS - Licensed Vocational Nurse to RN - S1201**

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#### **Program Outcome: Role Transition**

Course completer will successfully complete the Role Transition course to be accepted into the Nursing Program in the second semester.

### **Nursing Degree: AS - Nursing - S1203**

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#### **Program Outcome: Employer satisfaction**

Employers will be satisfied with the educational preparation of the Mt. SAC Nursing graduates

#### **Program Outcome: Comprehensive Predictor Exam**

Nursing Program completers will score above the national average on the comprehensive predictor exam

#### **Program Outcome: NCLEX Exam**

Program graduates taking the NCLEX exam for the 1st time will cumulatively score above the national average

#### **Program Outcome: Program completers**

Nursing program completers will deliver safe and competent patient care as newly licensed registered nurses

### **Nursing Degree: AS - Psychiatric Technician to RN - S1209**

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#### **Program Outcome: Role Transition**

Course completer will successfully complete the Role Transition course to be accepted into the Nursing Program in the second semester.

### **Nutrition & Food**

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#### **Outcome Statement - SLO or AUO: Self-Evaluation of Personal Wellbeing**

Students who complete NF 10, 25, 25H, and 28 courses will demonstrate meaningful self-evaluation related to increasing their lifelong personal wellbeing.

#### **Outcome Statement - SLO or AUO: Career Communication**

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

## **Nutrition & Food**

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### **Outcome Statement - SLO or AUO: Career Communication**

Provide on-going communication to inform students about earning a Dietetics degree, transferring to a four-year institution, and trends in dietetic careers.

### **Outcome Statement - SLO or AUO: Support Dietetics Students**

Students who plan to major in Nutrition, Dietetics, or Foods will feel the NF faculty supports their personal, educational, and professional goals.

### **Outcome Statement - SLO or AUO: Motivation and Confidence**

Students who complete select NF courses will feel motivated and/or confident in their abilities to apply the information they learned in class to their lives.

### **Outcome Statement - SLO or AUO: Improve Adjunct Involvement**

Adjunct faculty in the Nutrition and Foods program will actively participate in the overall goals of the program, including future SLO development and collection, assignment development, nutrition certificate awards, and dietetics student support.

## **Radiologic Technology Degree: AS - Radiologic Technology - S1206**

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### **Program Outcome: Radiation Protection**

Student/Graduate will utilize appropriate radiation protection

**Assessment Rotation Cycles:** 2016-17

### **Program Outcome: Patient-Centered, Clinically Effective Care**

Student/Graduate will provide patient-centered, clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity or culture

**Assessment Rotation Cycles:** 2016-17

### **Program Outcome: Professional Work Ethics**

Student/Graduate will demonstrate professional work ethics

**Assessment Rotation Cycles:** 2016-17

### **Program Outcome: Professional Development Activities**

Student/Graduate will participate in professional development activities

**Assessment Rotation Cycles:** 2016-17

### **Program Outcome: Competent Entry Level Technologist**

Student/Graduate will be well prepared to function as a competent entry-level radiologic technologist

**Assessment Rotation Cycles:** 2016-17

## **Respiratory Therapy Respiratory Therapy Degree: AS - Respiratory Therapy - S1205**

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ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

### **Respiratory Therapy Respiratory Therapy Degree: AS - Respiratory Therapy - S1205**

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#### **Program Outcome: CRT and RRT Exam**

Graduates will achieve the CRT and RRT credential

#### **Program Outcome: Program completors**

The student will demonstrate, in the laboratory and clinical setting, the correct procedures for basic Respiratory Therapy treatment modalities.

#### **Program Outcome: Program completors - 2**

The student will demonstrate, in the laboratory and clinical setting, the correct procedures for advanced Respiratory Therapy procedures to include manual and mechanical ventilation.

### **Student Life**

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#### **Outcome Statement - SLO or AUO or SSO: LEAD**

80% of students who earn a LEAD certificate will increase their leadership knowledge.

#### **Outcome Statement - SLO or AUO or SSO: Club Advisors Role and Policies**

All club advisors will understand their role and how to uphold college policies and procedures as a result of Student Life office efforts, including the Advisor Handbook, and Advisor Orientation.

#### **Outcome Statement - SLO or AUO or SSO: Representation Fee sponsored events**

At least 80% of students who participate in Representation Fee sponsored events will understand of how to conduct advocacy/ policy formation.

### **Upward Bound Program**

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#### **Outcome Statement - SLO or AUO or SSO: State of CA Four Systems of Higher Ed**

Students will demonstrate knowledge of the State of CA Four Systems of higher education and utilize this information to inform their decisions regarding their college application process

#### **Outcome Statement - SLO or AUO or SSO: Campus Visits**

Campus Visits – Student exposure to university culture and admissions requirements help them choose their preferred transfer school(s).

### **Welding Certificate: Welder - Gas Tungsten Arc Welding - T0932**

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#### **Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

ILO - ILO # 4. Students demonstrate awareness and respect for personal, social, civic, and environmental responsibilities.

**Welding Certificate: Welder - Gas Tungsten Arc Welding - T0932**

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**Program Outcome: Employment**

**Welding Certificate: Welder - Licensed - L0930**

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**Program Outcome: Employment**

Students completing certificate will be employed or seeking employment in the field or a related field

**Welding Degree: AS - Welding - S0919**

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**Program Outcome: Structural Steel Exam**

Program completers will be prepared to pass the Los Angeles City Structural Steel Exam

**Program Outcome: Employment**

Program completers will be employed or seeking employment in their area or a related area