

Unit Name	Outcome
Addictions Counseling Certificate: Addictions Counseling - T0658	Students completing certificate will be technically competent to safely practice as an entry-level alcohol & drug counselor.
Addictions Counseling Certificate: Addictions Counseling - T0658	Students completing the certificate will demonstrate an understanding of ethical & legal requirements for alcohol & drug counselors.
Addictions Counseling Certificate: Addictions Counseling - T0658	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.
Addictions Counseling Certificate: Addictions Counseling - T0658	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.
Addictions Counseling Certificate: Addictions Counseling - T0658	Students completing the certificate/associates degree program will demonstrate the ability to develop and achieve entry-level professional goals.
Addictions Counseling Certificate: Addictions Counseling - T0658	Students completing the certificate/associates degree program will demonstrate the ability to prepare and develop professional treatment plans and other clinical documentation.
Addictions Counseling Certificate: Addictions Counseling - T0658	Students will demonstrate the ability to apply theoretical and practical knowledge in the core competencies of alcohol & drug counselors.
Administration of Justice Certificate: T0406	Students will understand the three components of the Criminal Justice System
Administration of Justice Certificate: T0406	Students completing certificate will be employed or seeking employment in the field or a related field
Administration of Justice Certificate: T0406	Students completing the certificate will be technically competent
Administration of Justice Certificate: T0406	Students will understand the different tasks within general patrol functions.
Administration of Justice Degree: AS - S0404	Program completers will be employed or seeking employment in their area or a related area
Administration of Justice Degree: AS - S0404	Program completers will be technically competent
Administration of Justice Degree: AS - S0404	Students will identify the purpose and need for Criminal Procedures.
Administration of Justice Degree: AS-T - S0362	Students will exhibit strong and effective written and oral communication skills
Aeronautics, Transportation Certificate: FAA Aircraft Dispatcher - E0408	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.
Aeronautics, Transportation Degree: AS - Aviation Science - S0910	FAA Air Traffic CTI Program Capstone Exam will be used to examine student preparedness for the FAA Academy. The FAA provides the standardized examination question pool to all CTI college partners.
Aeronautics, Transportation Degree: AS - Aviation Science - S0910	Program completers will be technically competent
Aeronautics, Transportation Degree: AS - Commercial Flight - S0912	Students completing the program will be able to compute takeoff and landing data.
Aeronautics, Transportation Degree: AS - Commercial Flight - S0912	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.

Aeronautics, Transportation Degree: AS - Commercial Flight - S0912	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.
Aeronautics, Transportation Degree: AS - Commercial Flight - S0912	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.
Aeronautics, Transportation Degree: AS - Commercial Flight - S0912	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.
Air Conditioning /Ref Certificate: Air Conditioning and Refrigeration - T0909	Evaluate, troubleshoot, and modify the electrical, mechanical and air side operation of an air conditioning or refrigeration system.
Air Conditioning /Ref Certificate: Air Conditioning and Refrigeration - T0909	Perform a residential heat load calculation, select the equipment, and size the ductwork based on ACCA's Manual J8 and Manual D.
Air Conditioning /Ref Certificate: Air Conditioning and Refrigeration - T0909	Properly handle refrigerants based on Section 608 of the clean air act.
Air Conditioning /Ref Certificate: Air Conditioning and Refrigeration - T0909	Select equipment and components for commercial refrigeration systems.
Air Conditioning /Ref Certificate: Air Conditioning and Refrigeration - T0909	Students completing certificate will be employed or seeking employment in the field or a related field
Air Conditioning /Ref Certificate: Building Automation - T0309	Certificate completers will be employed or seeking employment in their field or related field
Air Conditioning /Ref Certificate: Building Automation - T0309	Program completers will properly handle refrigerants
Air Conditioning /Ref Certificate: Building Automation - T0309	Program completers will be able to: 1. Identify the startup and operational sequence of a chiller plant. 2. Understand the purpose and Function of chiller plant economizers 3. Demonstrate the use and application of controlled devices 4. Develop programming strategies for a chiller plant 5. Evaluate the energy usage of a multi story commercial building
Air Conditioning /Ref Degree: AS - Air Conditioning and Refrigeration - S0909	As a result of their experience in the program, students will be able to: 1. Properly handle refrigerants based on Section 608 of the clean air act. 2. Evaluate the mechanical performance of an air conditioning system based on condensing temperature, evaporating temperature, superheat, and subcooling. 3. Successfully wire a five ton air conditioning system. 4. Properly measure air flow based on external static pressure. 5. Perform a residential heat load calculation based on ACCA's manual J8. 6. Evaluate the installation of a residential furnace based on the current Uniform Mechanical Code. 7. Select equipment and components for a medium temperature walk-in refrigeration system. 8. Program completers will monitor proper phasing for 3 phase power 9. Modify or improve the performance of a refrigeration or air conditioning system.
Air Conditioning /Ref Degree: AS - Air Conditioning and Refrigeration - S0909	Program completers will be employed or seeking employment in their area or a related area
Air Conditioning /Ref Degree: AS - Building Automation - S0308	Evaluate usage and modify the energy usage of a multi story commercial building.
Air Conditioning /Ref Degree: AS - Building Automation - S0308	Program completers will monitor proper phasing for 3 phase power

Air Conditioning /Ref Degree: AS - Building Automation - S0308	Program, flow chart, and troubleshoot the operation of a chilled water plant of a multi story commercial building.
Aircraft Maintenance Certificate: Aircraft Powerplant Maintenance Technology - Day - T0982	Students completing the Aircraft Powerplant program will be technically competent
Aircraft Maintenance Certificate: Aircraft Powerplant Maintenance Technology - Day - T0982	Students completing the certificate will be employed or seeking employment in the field or a related field
Aircraft Maintenance Certificate: Aircraft Powerplant Maintenance Technology - Evening - T0952	Students completing certificate will be employed or seeking employment in the field or a related field
Aircraft Maintenance Certificate: Aircraft Powerplant Maintenance Technology - Evening - T0952	Students completing the Aircraft Powerplant program will be technically competent
Aircraft Maintenance Certificate: Airframe Maintenance Technology - Day - T0991	Program completers will be technically competent
Aircraft Maintenance Certificate: Airframe Maintenance Technology - Day - T0991	Students completing certificate will be employed or seeking employment in the field or a related field
Aircraft Maintenance Certificate: Airframe Maintenance Technology - Evening - T0981	Students completing certificate will be employed or seeking employment in the field or a related field
Aircraft Maintenance Certificate: Airframe Maintenance Technology - Evening - T0981	Students completing the Airframe Maintenance program will be technically competent
Aircraft Maintenance Degree: AS - Airframe and Aircraft Powerplant Maint Tech - Day - S0911	Graduates of the Airframe and Aircraft Powerplant Maint Technology program will be employed in the field
Aircraft Maintenance Degree: AS - Airframe and Aircraft Powerplant Maint Tech - Day - S0911	Graduates of The Airframe and Aircraft Powerplant program will be technically competent
Aircraft Maintenance Degree: AS - Airframe and Aircraft Powerplant Maint Tech - Evening - S0951	90% of students who complete all courses will earn a Certificate of Graduation.
Aircraft Maintenance Degree: AS - Airframe and Aircraft Powerplant Maint Tech - Evening - S0951	Graduates of the Airframe and Aircraft Powerplant Maint Technology program will be employed in the field
Aircraft Maintenance Degree: AS - Airframe and Aircraft Powerplant Maint Tech - Evening - S0951	Graduates of The Airframe and Aircraft Powerplant program will be technically competent
Architecture Certificate: Architectural Design Concentration Level-II - N0467	Certificate holders will be employed or actively seeking employment in the field or a related field
Architecture Certificate: Architectural Design Concentration Level-II - N0467	Certificate holders will be technically competent
Architecture Certificate: Architectural Design Concentration Level-III - T0386	Certificate holders will be employed or actively seeking employment in the field or a related field
Architecture Certificate: Architectural Design Concentration Level-III - T0386	Certificate holders will be technically competent
Architecture Certificate: Architectural Technology - Technology Concentration Level III - T0204	Certificate holders will be employed or actively seeking employment in the field or a related field
Architecture Certificate: Architectural Technology - Technology Concentration Level III - T0204	Certificate holders will be technically competent
Architecture Certificate: Architectural Technology - Technology Concentration Level III - T0204	Program completers will successfully execute orthographic and 3D drawing projections
Architecture Certificate: Architectural Technology Concentration Level I - N0468	Certificate holders will be employed or actively seeking employment in the field or a related field
Architecture Certificate: Architectural Technology Concentration Level I - N0468	Certificate holders will be technically competent
Architecture Certificate: Architectural Technology Concentration Level I - N0468	Program completers will successfully execute orthographic and 3D drawing projections
Architecture Certificate: Architectural Technology Concentration Level II - T0389	Certificate holders will be employed or actively seeking employment in the field or a related field

Architecture Certificate: Architectural Technology Concentration Level II - T0389	Certificate holders will be technically competent
Architecture Certificate: Architectural Technology Concentration Level II - T0389	Students will be able to determine the applicable current building and zoning code titles/editions for any given location.
Architecture Certificate: Construction Inspection - L0920	Students completing certificate will be employed or seeking employment in the field or a related field
Architecture Certificate: Construction Inspection - L0920	Students completing the certificate will be technically competent
Architecture Degree: AS - Architectural Tech - Design Concentration - S0207	Program completers will be employed or seeking employment in the field or in a related area
Architecture Degree: AS - Architectural Tech - Design Concentration - S0207	Program completers will successfully transfer to a four year university in a related major
Architecture Degree: AS - Architectural Technology - Tech Concentration - S0201	Program completers will be employed or seeking employment in the field or in a related field
Architecture Degree: AS - Architectural Technology - Tech Concentration - S0201	Program completers will transfer to a 4 year university in a related major
Architecture Degree: AS - Architectural Technology - Tech Concentration - S0201	Students will create design development and working drawing sets reflecting refined job skills in architectural CAD.
Architecture Degree: AS - Architectural Technology - Tech Concentration - S0201	Sudents will be able to use common and architectural software for detailed 3-D computer-simulated models (both interior and exterior).
Architecture Degree: AS - Construction Inspection - S0920	Program completers will be employed or seeking employment in the field or a related field
Architecture Degree: AS - Construction Inspection - S0920	Program completers will be tehcnically competent
Certificate - Physical Therapy Aide - 36041	Upon earning course certificate, student will express readiness in executing the responsibilities of a physical therapy aide.
Certificate - Physical Therapy Aide - 36041	Upon earning course certificate, students will apply correct techniques and skills related to orthopedic management of patient appropriate to a physical therapy aide.
Certificate - Physical Therapy Aide - 36041	Upon earning course certificate, students will be able to identify and describe basic medical terminology and abbreviations
Certificate: Accounting - Bookkeeping - E0504	I am able to analyze business transactions, and journalize and post transactions to ledger accounts
Certificate: Accounting - Bookkeeping - E0504	I am able to explain the concept of double-entry accounting within the categories of asset, liability, owner's equity, revenue and expense account
Certificate: Accounting - Bookkeeping - E0504	I am able to use computerized accounting software to process accounting transactions
Certificate: Accounting - Computerized - N0460	I am able to prepare financial statements
Certificate: Accounting - Computerized - N0460	I am able to process collections from customers and update accounts receivable.
Certificate: Accounting - Computerized - N0460	I am able to solve managerial accounting problems with Excel software
Certificate: Accounting - Financial Planning - N0461	I am able to develop a personal definition of financial success
Certificate: Accounting - Financial Planning - N0461	I am able to utilize accounting information including financial statements to perform financial statement analysis
Certificate: Accounting - Financial Planning - N0461	
Certificate: Accounting - Financial Planning - N0461	I know how to evaluate my own personal spending patterns and create my own personal budgets
Certificate: Accounting - Managerial - N0462	I am able to describe a job order cost accounting system and explain how manufacturing costs flow through the inventory accounts of the balance sheet and move onto the income statement
Certificate: Accounting - Managerial - N0462	I am able to distinguish between product and period costs and explain which of these costs are shown on the balance sheet and which costs are shown on the income statement
Certificate: Accounting - Managerial - N0462	I am able to explain the role of the managerial accountant and describe the uses of managerial accounting information
Certificate: Accounting - Payroll - E0505	I am able to assemble payroll record keeping requirements for employers under current state and federal laws
Certificate: Accounting - Payroll - E0505	I am able to calculate wages and withholding amounts in payroll problems

Certificate: Accounting - Payroll - E0505	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
Certificate: Accounting - T0502	I am able to analyze and record transactions, using a journal and a ledger, of varying degrees of difficulty including adjusting, and closing entries
Certificate: Accounting - T0502	I am able to explain the role of the managerial accountant and describe the uses of managerial accounting information
Certificate: Accounting - T0502	I am able to Interpret the statements and reports that emerge from the accounting process.
Certificate: Accounting - Tax Preparation - E0433	I am able to identify the appropriate tax return to file for taxpayer.
Certificate: Accounting - Tax Preparation - E0433	I am able to prepare federal income tax returns
Certificate: Accounting - Tax Preparation - E0433	I am able to prepare individual Federal and State income tax returns for low income individuals and families using current software, including 1040EZ, 1040A, 1040 with schedule A, B, and C-EZ.
Certificate: Administrative Assistant - Level I - E0516	Students completing the Administrative Assistant - Level I Certificate (E0516) will be able to effectively use formulas and functions in worksheets.
Certificate: Administrative Assistant - Level I - E0516	Students completing the Administrative Assistant - Level I Certificate (E0516) will be able to touch type effectively.
Certificate: Administrative Assistant - Level I - E0516	Students completing the Administrative Assistant - Level I Certificate (E0516) will be able to use correct finger placement to keyboard at a rate of 30 words per minute on a 3-minute timed writing.
Certificate: Administrative Assistant - Level I - E0516	Students completing the Administrative Assistant - Level I certificate (E0516) will be able to use Microsoft Word to create professional looking report.
Certificate: Administrative Assistant - Level II - N0463	Students completing the Administrative Assistant - Level 2 Certificate (L0594) will be able to demonstrate the ability to keyboard at the rate of at least 40 words per minute on a 5-minute timed writing with 5 errors or less.
Certificate: Administrative Assistant - Level II - N0463	Students completing the Administrative Assistant - Level 2 Certificate (L0594) will be proficient in the use of a word processing software application.
Certificate: Administrative Assistant - Level II - N0463	Students earning an Administrative Assistant Level II Certificate will be able to effectively use formulas and functions in worksheets.
Certificate: Administrative Assistant - Level II - N0463	Students earning an Administrative Level II Certificate will be able to use correct finger placement to keyboard at a rate of 30 words per minute on a 3-minute timed writing.
Certificate: Administrative Assistant - Level III - L0382	Students completing the Administrative Assistant - Level 3 Certificate (T0517) will be able to design and create visual presentations utilizing desktop presentation software (i.e. Power Point).
Certificate: Administrative Assistant - Level III - L0382	Students completing the Administrative Assistant - Level III Certificate (T0517) will demonstrate ability to effectively produce a variety of professional-looking business publications (at least five)--i.e. newsletter, flyer, brochure, letterhead, business card, event program, etc.
Certificate: Administrative Assistant - Level III - L0382	Students completing the Level III Administrative Assistant Certificate will be able to effectively use formulas and functions in worksheets.
Certificate: Administrative Assistant - Level III - L0382	Students completing the Level III Administrative Assistant Certificate will be able to use correct finger placement to keyboard at a rate of 30 words per minute on a 3-minute timed writing.
Certificate: American Language Advanced Proficiency in English for English Language Learners (M0859)	Upon the successful completion of this program, students will apply critical thinking strategies and make meaningful connections with course materials.
Certificate: American Language Advanced Proficiency in English for English Language Learners (M0859)	Upon the successful completion of this program, students will be able to apply metacognition and self-regulation strategies in their learning and demonstrate an awareness of American academic norms.
Certificate: American Language Advanced Proficiency in English for English Language Learners (M0859)	Upon the successful completion of this program, students will demonstrate an ability to communicate competently in both written and spoken English.
Certificate: American Language Advanced Proficiency in English for English Language Learners (M0859)	Upon the successful completion of this program, students will demonstrate command of English language grammar, vocabulary, syntax, and sentence structure with meaningful responses.

Certificate: Animal Science Fundamentals - N0871	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: Animation - Junior Animator Level I - E0414	Students will select and organize a sample of files containing 2D animations that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Animation - Junior Animator Level I - E0414	Students will select and organize a sample of files containing storyboards that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Animation - Junior Animator Level II - N0465	Students will create a digital portfolio containing a variety of animation-related content, demonstrating a clear understanding of the crafts involved.
Certificate: Animation - Junior Animator Level II - N0465	Students will select and organize a sample of files containing 2D animations that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Animation - Junior Animator Level II - N0465	Students will select and organize a sample of files containing 3D animations that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Animation - Junior Animator Level II - N0465	Students will select and organize a sample of files containing storyboards that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Appliance Repair - 37443	Upon completion of the appliance repair program graduates are to evaluate self-readiness.
Certificate: Appliance Repair - 37443	Upon completion of the appliance repair program students will be able to demonstrate skills and safety practices in handling basic and power tools.
Certificate: Appliance Repair - 37443	Upon completion of the appliance repair program students will be able to identify major sections in block diagrams of appliances or electronic systems
Certificate: Artificial Intelligence in Business - M0671	Students completing this certificate will use different machine learning algorithms, deep learning prediction models, and natural language processing techniques to make effective business decisions.
Certificate: Athletic Trainer Aide I - E0802	Apply the HOPS (History, Observation, Palpation, Special Tests) procedure during injury evaluation, under the supervision of a certified athletic trainer. Discuss potential rehab or treatment plan, apply treatment if possible.
Certificate: Athletic Trainer Aide I - E0802	Create athletic injury documentation in hard copy format and on computerized injury tracking systems.
Certificate: Athletic Trainer Aide I - E0802	Identify daily tasks of operating an athletic training room, pre and post practice, and pre and post competition.
Certificate: Athletic Trainer Aide I - E0802	Provide acute and sub acute care for athletic injuries and condition, including, but not limited to modalities, manual therapy and therapeutic exercise.
Certificate: Athletic Trainer Aide I - E0802	Recognize injuries and conditions to be treated that require protection of the health care provider, the patient and the health care facility.
Certificate: Athletic Trainer Aide I - E0802	Students will demonstrate proficient skill in the various tape and wrap techniques.
Certificate: Basic Career Readiness - G5001	Students will demonstrate proficiency in work readiness skills.
Certificate: Basic Career Readiness - G5001	Students enrolled in the Personal Computer Applications course will demonstrate competency in software applications.
Certificate: Basic Skills - I5002	Students will be proficient in computation, algebra, and geometry.
Certificate: Basic Skills - I5002	Students will demonstrate writing proficiency in order to enter post-secondary courses and employment.
Certificate: Basic Skills - I5002	Students will improve in their reading level.
Certificate: Big Data Analytics - M0452	Students will learn about processing, integrating, modeling, mining, and analytics related to Big Data. Students will use frameworks, tools, services, and programming languages to analyze data.
Certificate: Big Data Analytics - M0452	Students will learn how to make business decisions based upon the analysis of large amounts of data.
Certificate: Business: Human Resource Management - Level I - E0531	I am able to apply management concepts and functions
Certificate: Business: Human Resource Management - Level I - E0531	I am able to explain theory and practical application of Equal Employment Opportunity current employment laws

Certificate: Business: Human Resource Management - Level I - E0531	I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States
Certificate: Business: Human Resource Management - Level II - N0469	I am able to analyze social perception
Certificate: Business: Human Resource Management - Level II - N0469	I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content
Certificate: Business: Human Resource Management - Level II - N0469	I am able to define organizational culture, socialization and mentoring
Certificate: Business: Human Resource Management - Level III - N0470	I am able to assemble payroll record keeping requirements for employers under current state and federal laws
Certificate: Business: Human Resource Management - Level III - N0470	I am able to calculate wages and withholding amounts in payroll problems
Certificate: Business: Human Resource Management - Level III - N0470	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
Certificate: Business: International - Level I - E0527	I am able to identify how governments influence trade
Certificate: Business: International - Level I - E0527	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 I - E0527	I have developed a working knowledge of marketing terminology
Certificate: Business: International - Level II - N0471	I am able to apply management concepts and functions
Certificate: Business: International - Level II - N0471	I am able to describe business planning for small business
Certificate: Business: International - Level II - N0471	I am able to discuss the legal forms of business ownership
Certificate: Business: International - Level III - N0472	I am able to define key international trade documentation requirements
Certificate: Business: International - Level III - N0472	I am able to describe types of international trade transportation intermediaries
Certificate: Business: International - Level III - N0472	I am able to explain how a small business can prepare to conduct export operations
Certificate: Business: Management - Level I - E0525	I am able to apply management concepts and functions
Certificate: Business: Management - Level I - E0525	I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States
Certificate: Business: Management - Level I - E0525	I have developed a working knowledge of marketing terminology
Certificate: Business: Management - Level II - N0473	I am able to analyze social perception
Certificate: Business: Management - Level II - N0473	I am able to define organizational culture, socialization and mentoring
Certificate: Business: Management - Level II - N0473	I am able to explain theory and practical application of Equal Employment Opportunity current employment laws
Certificate: Business: Management - Level III - N0646	I am able to define and outline the key principles of continuous quality management
Certificate: Business: Management - Level III - N0646	I am able to describe the basic accounting system and how it is used to serve business needs
Certificate: Business: Management - Level III - N0646	I am able to identify how governments influence trade
Certificate: Business: Retail Management - Level I - E0500	I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content
Certificate: Business: Retail Management - Level I - E0500	I am able to develop and deliver a 3-5 minute presentation on a business related topic
Certificate: Business: Retail Management - Level I - E0500	I am able to use informative and sales letters to convey information and influence people favorably
Certificate: Business: Retail Management - Level II - N0474	I am able to apply management concepts and functions
Certificate: Business: Retail Management - Level II - N0474	I am able to explain theory and practical application of Equal Employment Opportunity current employment laws
Certificate: Business: Retail Management - Level II - N0474	I have developed a working knowledge of marketing terminology
Certificate: Business: Retail Management - Level III - T0521	I am able to apply communication skills in simulated business situations such as conferences and business groups
Certificate: Business: Retail Management - Level III - T0521	I am able to define organizational culture, socialization and mentoring
Certificate: Business: Retail Management - Level III - T0521	I am able to describe the basic accounting system and how it is used to serve business needs
Certificate: Business: Small Business Management - Level I - E0529	I am able to describe business planning for small business

Certificate: Business: Small Business Management - Level I - E0529	I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States
Certificate: Business: Small Business Management - Level I - E0529	I have developed a working knowledge of marketing terminology
Certificate: Business: Small Business Management - Level II - N0475	I am able to apply management concepts and functions
Certificate: Business: Small Business Management - Level II - N0475	I am able to define organizational culture, socialization and mentoring
Certificate: Business: Small Business Management - Level II - N0475	I am able to explain theory and practical application of Equal Employment Opportunity current employment laws
Certificate: Business: Small Business Management - Level III - N0647	I am able to contrast quality management theory and previous management thought
Certificate: Business: Small Business Management - Level III - N0647	I am able to define and outline the key principles of continuous quality management
Certificate: Business: Small Business Management - Level III - N0647	I am able to describe the basic accounting system and how it is used to serve business needs
Certificate: Care Coordinator - Level 1 - 38083	Graduate will secure employment as a care coordinator or be enrolled in a career ladder program.
Certificate: Care Coordinator - Level 1 - 38083	Students will be able to express their understanding of roles and responsibilities and job readiness.
Certificate: Care Coordinator - Level 1 - 38083	Students will be able to identify and demonstrate roles and responsibilities of a care coordinator as a member of the health care team.
Certificate: Care Coordinator - Level 2 - 38106	Graduate will secure employment as a care coordinator or be enrolled in a career ladder program.
Certificate: Care Coordinator - Level 2 - 38106	Students will be able to express their understanding of roles and responsibilities and job readiness.
Certificate: Care Coordinator - Level 2 - 38106	Students will be able to identify and demonstrate roles and responsibilities of a care coordinator as a member of the health care team.
Certificate: Certified Nursing and Acute Care Nursing Assistant - 24400	Students completing the Certified Nursing Assistant and Acute Certified Nursing Assistant Programs will pass the California State Exam for CNA.
Certificate: Certified Nursing Assistant (CNA) - 36872	Students will be able to demonstrate competence and proficiency of skills required under the CDPH training program competency guidelines.
Certificate: Certified Nursing Assistant (CNA) - 36872	Students will be able to identify the roles, functions, and responsibilities of the nursing assistant as a member of the health care team.
Certificate: Certified Nursing Assistant (CNA) - 36872	Students will demonstrate safety and infection control practices in compliance with the standard of practice for nursing assistants within the guidelines by the state of California.
Certificate: Child Development - Early Childhood Teacher Certificate T0865	Students completing the Children's Program Certificate: Teaching - T0405 will acquire strategies and developmentally appropriate techniques for effective teaching and classroom management.
Certificate: Child Development - Early Childhood Teacher Certificate T0865	Students completing the Children's Program Certificate: Teaching - T0405 will be able to will be able to identify and conduct themselves as members of the early childhood profession. They will be able to describe ethical guidelines and other professional standards related to early childhood practices. They will be able to identify themselves as life-long , collaborative learners who continue to broaden their knowledge and skills, remain informed about child development issues, and are informed advocates for sound educational practices and policies.
Certificate: Child Development - Early Childhood Teacher Certificate T0865	Students completing the Children's Program Certificate: Teaching - T0405 will describe and use a wide array of developmentally appropriate approaches, instructional strategies, and tools to connect with children and families and positively influence each child's development and learning.
Certificate: Child Development - Early Childhood Teacher Certificate T0865	Students completing the Children's Program Certificate: Teaching - T0405 will recognize and identify theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching.
Certificate: Child Development - Early Childhood Teacher Certificate T0865	Students completing the Children's Program Certificate: Teaching - T0405 will recognize that successful programs depend upon partnerships with children's families and communities and create respectful, reciprocal relationships that support and empower families and to involve all families in their children's development and learning.

Certificate: Child Development - Early Childhood Teacher Certificate T0865	Students completing the Children's Program Certificate: Teaching -T0405 will be able to articulate the importance of developmental domains and academic content areas. Students use their knowledge and other resources to design, implement, and evaluate meaningful challenging curricula and environments that promotes comprehensive developmental learning outcomes for every child.
Certificate: Child Development - Early Childhood Teacher Certificate T0865	Students completing the Children's Program Certificate: Teaching -T0405 will be able to evaluate Early care and Education Program regulations, standards, policies according to Title 22 California.
Certificate: Child Development - Early Childhood Teacher Certificate T0865	Students completing the Children's Program Certificate: Teaching T-0405 will articulate theories in Child Development and use their understanding of young children and their needs to create environments that are healthy, respectful, supportive and challenging for each child.
Certificate: Child Development - Early Childhood Teacher Certificate T0865	Students completing the Children's Program Certificate: Teaching T0405 will be able to relate child observation, documentation and other forms of assessment that are central to the practices of all early childhood professionals. Students will be able to use systematic observations, documentation, and other effective assessment strategies to positively influence the development of every child.
Certificate: Child Development - Early Intervention and Inclusion - T0458	Students completing the Certificate: Child Development - Early Intervention and Inclusion - T0458 will articulate abilities of each child as they identify the developmental needs of all children . They will observe, document, and reflect on young children's play and interactions in a natural environment to identify the individual developmental needs of the children.
Certificate: Child Development - Early Intervention and Inclusion - T0458	Students completing the Certificate: Child Development - Early Intervention and Inclusion - T0458 will identify the developmental needs of all children and identify the articulate abilities of each child and the practices that support each of them. They will observe, document, and reflect on young children's play and interactions in a natural environment to plan curriculum for individual care and learning.
Certificate: Child Development - Early Intervention and Inclusion - T0458	Students completing the Certificate: Child Development - Early Intervention and Inclusion - T0458 will distinguish and identify key features of legislation related to serving families with children with disabilities and other special needs.
Certificate: Child Development - Infant/Toddler Care Teacher Certificate N0864	Students completing the Certificate: Infant and Toddler (N0864) will recognize and express that successful programs depend upon partnerships with children's families and communities. They use this understanding to create respectful, reciprocal relationships that support and empower families and to involve all families in their children's development and learning.
Certificate: Child Development - Infant/Toddler Care Teacher Certificate N0864	Students completing the Certificate: Infant and Toddler (T0864) will Articulate the developmental needs of all children birth to 36 months and identify the unique abilities of each child and the practices that support each of them. They will observe, document, and reflect on infant and toddler play and interactions in a natural environment to plan curriculum for individual care and learning.
Certificate: Child Development - Infant/Toddler Care Teacher Certificate N0864	Students completing the Certificate: Infant and Toddler Development (N0864) will articulate theories in Child Development as they relate to infant and toddler development and identify the developmentally appropriate practices for infants and toddlers in creating environments that are healthy, respectful, supportive and challenging for each child.
Certificate: Child Development - Level I Certificate M0663	Students completing Child Development-Level I (M-0663) will be able to articulate the importance of developmental domains and academic content areas. Students use their knowledge and other resources to design, implement, and evaluate meaningful challenging curricula and environments that promotes comprehensive developmental learning outcomes for every child.
Certificate: Child Development - Level I Certificate M0663	Students completing Child Development-Level I (M-0663) will be able to evaluate Early care and Education Program regulations, standards, policies according to Title 22 California.

Certificate: Child Development - Level I Certificate M0663	Students completing Child Development-Level I (M-0663) will be able to relate child observation, documentation and other forms of assessment that are central to the practices of all early childhood professionals. Students will be able to use systematic observations, documentation, and other effective assessment strategies to positively influence the development of every child.
Certificate: Child Development - Level I Certificate M0663	Students completing Child Development-Level I (M-0663) will be able to will be able to apply effective guidance and interaction strategies that support all children's social learning, identity and self-confidence.
Certificate: Child Development - Level I Certificate M0663	Students completing Child Development-Level I (M-0663) will be able to will be able to identify and conduct themselves as members of the early childhood profession. They will be able to describe ethical guidelines and other professional standards related to early childhood practices. They will be able to identify themselves as life-long , collaborative learners who continue to broaden their knowledge and skills, remain informed about child development issues, and are informed advocates for sound educational practices and policies.
Certificate: Child Development - Level I Certificate M0663	Students completing Child Development-Level I (M-0663) will demonstrate their knowledge in theories related to Child Development and use their understanding of young children and their needs to create environments that are healthy, respectful, supportive and challenging for each child.
Certificate: Child Development - Level I Certificate M0663	Students completing Child Development-Level I (M-0663) will recognize that successful programs depend upon partnerships with children's families and communities and create respectful, reciprocal relationships that support and empower families and to involve all families in their children's development and learning.
Certificate: Child Development - Level I Certificate M0663	Students completing the Children's Program Certificate: Teaching T0405 will be able to relate child observation, documentation and other forms of assessment that are central to the practices of all early childhood professionals. Students will be able to use systematic observations, documentation, and other effective assessment strategies to positively influence the development of every child.
Certificate: Child Development - Level II Certificate N0656	Students completing Child Development - Level II Certificate N0656 will understand that successful programs depend upon partnerships with children's families and communities. They use this understanding to create respectful, reciprocal relationships that support and empower families and to involve all families in their children's development and learning.
Certificate: Child Development - Level II Certificate N0656	Students completing the Child Development - Level II Certificate N0656 will assess that successful programs depend upon partnerships with children's families and communities. They use this understanding to create respectful, reciprocal relationships that support and empower families and to involve all families in their children's development and learning.
Certificate: Child Development - Level II Certificate N0656	Students completing the Child Development - Level II Certificate N0656 will be able to analyze and evaluate Early Care and Education Program regulations, standards, policies according to Title 22 California.
Certificate: Child Development - Level II Certificate N0656	Students completing the Child Development - Level II Certificate N0656 will be able to apply effective guidance and interaction strategies that support all children's social learning, identity and self-confidence.
Certificate: Child Development - Level II Certificate N0656	Students completing the Child Development - Level II Certificate N0656 will be able to identify and conduct themselves as members of the early childhood profession. They know ethical guidelines and other professional standards related to early childhood practices. They are life-long , collaborative learners who continue to broaden their knowledge and skills, remain informed about child development issues, and are informed advocates for sound educational practices and policies.
Certificate: Child Development - Level II Certificate N0656	Students completing the Child Development - Level II Certificate N0656 will be grounded in Child Development knowledge and theory. They will use their understanding of young children and their needs to create environments that are healthy, respectful, supportive and challenging for each child.

Certificate: Child Development - Level II Certificate N0656	Students completing the Child Development - Level II Certificate N0656 will determine the importance of developmental domains and academic content areas. Students use their knowledge and other resources to design, implement, and evaluate meaningful challenging curricula and environments that promotes comprehensive developmental learning outcomes for every child.
Certificate: Child Development - Level II Certificate N0656	Students completing the Child Development - Level II Certificate N0656 will understand and use a wide array of developmentally appropriate approaches, instructional strategies, and tools to build relationships with children and families and positively influence each child's development and learning
Certificate: Child Development - Level II Certificate N0656	Students completing the Child Development - Level II Certificate N0656 will understand that child observation, documentation and other forms of assessment are central to the practices of all early childhood professionals. Students use systematic observations, documentation, and other effective assessment strategies to positively influence the development of every child.
Certificate: Child Development – Level III Certificate N0655	Students completing the will discriminate the importance of developmental domains and academic content areas. Students use their knowledge and other resources to design, implement, and evaluate meaningful challenging curricula and environments that promotes comprehensive developmental learning outcomes for every child.
Certificate: Child Development – Level III Certificate N0655	Students completing the Child Development - Level III Certificate N0655 will apply a wide array of developmentally appropriate approaches, instructional strategies, and tools to connect with children and families and positively influence each child's development and learning.
Certificate: Child Development – Level III Certificate N0655	Students completing the Child Development - Level III Certificate N0655 will be able to apply effective guidance and interaction strategies that support all children's social learning, identity and self-confidence.
Certificate: Child Development – Level III Certificate N0655	Students completing the Child Development - Level III Certificate N0655 will be able to evaluate Early care and Education Program regulations, standards, policies according to Title 22 California.
Certificate: Child Development – Level III Certificate N0655	Students completing the Child Development - Level III Certificate N0655 will be able to identify and conduct themselves as members of the early childhood profession. They know ethical guidelines and other professional standards related to early childhood practices. They are life-long , collaborative learners who continue to broaden their knowledge and skills, remain informed about child development issues, and are informed advocates for sound educational practices and policies.
Certificate: Child Development – Level III Certificate N0655	Students completing the Child Development - Level III Certificate N0655 will be grounded in Child Development knowledge and theory. They will apply their understanding of young children and their needs to create environments that are healthy, respectful, supportive and challenging for each child.
Certificate: Child Development – Level III Certificate N0655	Students completing the Child Development - Level III Certificate N0655 will demonstrate that child observation, documentation and other forms of assessment are central to the practices of all early childhood professionals. Students use systematic observations, documentation, and other effective assessment strategies to positively influence the development of every child.
Certificate: Child Development – Level III Certificate N0655	Students completing the Child Development - Level III Certificate N0655 will distinguish that successful programs depend upon partnerships with children's families and communities. They use this understanding to create respectful, reciprocal relationships that support and empower families and to involve all families in their children's development and learning.
Certificate: Child Development - Program Administration Certificate T0863	Students completing the Child Development - Administration Certificate T0654 will assess culturally-competent practices and responsiveness that build collaborative relationships with children, families, and colleagues.
Certificate: Child Development - Program Administration Certificate T0863	Students completing the Child Development - Administration Certificate T0654 will be grounded in settled Child Development theory and research and use their understanding of young children and their needs to create environments that are healthy, respectful, supportive and challenging for each child.

Certificate: Child Development - Program Administration Certificate T0863	Students completing the Child Development - Administration Certificate T0654 will identify and analyze administrative approaches to program structures, philosophies, and curriculum models of various early care and education programs.
Certificate: Child Development - Program Administration Certificate T0863	Students completing the Child Development - Administration Certificate T0654 will understand that successful programs depend upon partnerships with children's families and communities. They use this understanding to create respectful, reciprocal relationships that support and empower families and to involve all families in their children's development and learning.
Certificate: Child Development - School-Age Child Certificate N0862	Students completing Certificate:School Age Child-Specialization (T1314) will assess culturally-competent practices and responsiveness that build collaborative relationships with children, families, and colleagues.
Certificate: Child Development - School-Age Child Certificate N0862	Students completing the Child Development - School-age Child Certificate T1314 will be able to evaluate human service agencies are available to families, develop referral skills that help children and families access community resources and develop effective advocacy skills that establish effectual public policies pertaining to children and families.
Certificate: Child Development - School-Age Child Certificate N0862	Students completing the Child Development - School-age Child Certificate T1314 will use a wide array of developmentally appropriate approaches within the school-age care setting and understand the affects on the social, emotional, physical, cognitive and cultural development of the school age child.
Certificate: Child Development - School-Age Child Certificate N0862	Students completing the Child Development - School-age Child Certificate T1314 will analyze principles of human development theories as they specifically relate to the school-age child's growth and development.
Certificate: Child Development - School-Age Child Certificate N0862	Students completing the Child Development - School-age Child Certificate T1314 will be able to evaluate School Age Program regulations, standards, policies.
Certificate: Child Development - School-Age Child Certificate N0862	Students completing the Child Development - School-age Child Certificate T1314 will understand and use a wide array of developmentally appropriate approaches, instructional strategies, and tools to connect with school age children and support their school assignments.
Certificate: Child Development - School-Age Child Certificate N0862	Students completing the Child Development - School-age Child Certificate T1314 will understand the importance of developmental domains and academic content areas. Students will use their knowledge and other resources to design, implement, and evaluate school age activities and curriculum.
Certificate: CIS Professional Certificate in Database Management - Microcomputers E0715	Students completing the CIS Professional Certificate in Database Management - Microcomputers will be able to incorporate appropriate decision statements in Access VBA.
Certificate: CIS Professional Certificate in Database Management - Microcomputers E0715	Students completing the CIS Professional Certificate in Database Management - Microcomputers will be able to use the Excel Object Model in finding solutions to Excel problems. The Outcome is assessed in our CISD 14 course
Certificate: CIS Professional Certificate in Database Management - Microcomputers E0715	Students completing the CIS Professional Certificate in Database Mgmt. - Microcomputers (E0715) will be able to apply appropriate Visual Basic for Applications code (VBA) to update Access table data.
Certificate: CIS Professional Certificate in Database Management - Microcomputers E0715	Students completing the CIS Professional Certificate in Database Mgmt. - Microcomputers (E0715) will use embedded SQL statements within VBA procedures to create and run ad hoc queries for users.
Certificate: CIS Professional Certificate in Oracle - E0717	Students completing the CIS Professional Certificate in Oracle will be able to understand subqueries.
Certificate: CIS Professional Certificate in Oracle - E0717	Students completing the CIS Professional Certificate in Oracle (E0717) will be able to apply normalization rules to database design.
Certificate: CIS Professional Certificate in Oracle - E0717	Students completing the CIS Professional Certificate in Oracle (E0717) will be able to create E-R (Entity Relationship) and UML (Unified Modeling Language) diagrams for a given database scenario.
Certificate: CIS Professional Certificate in Oracle - E0717	Students completing the CIS Professional Certificate in Oracle will be able to use decision making statements, loops, and cursors in order to create a business application.
Certificate: CIS Professional Certificate in Web Programming - M0812	Students completing the Certificate in Web Programming (E0713) will know how to access a database from a program in a web server.

Certificate: CIS Professional Certificate in Web Programming - M0812	Students completing the Certificate in Web Programming (E0713) will know how to install and configure a secure web server.
Certificate: CIS Professional Certificate in Windows Operating System Admin - E0720	Students completing the Certificate in Windows Operating System Administration (E0720) will be able to configure and install Windows Active Directory.
Certificate: CIS Professional Certificate in Windows Operating System Admin - E0720	Students completing the Certificate in Windows System Administration (E0720) will be able to implement Windows file system security.
Certificate: CIS Professional in C++ Programming - E0714	Students completing the CIS Professional Certificate in C++ Programming (E0714) will be able to connect C++ program to the database and incorporate SQL statements into C++ code.
Certificate: CIS Professional in C++ Programming - E0714	Students completing the CIS Professional Certificate in C++ Programming (E0714) will be able to create event-driven program, using Windows Forms.
Certificate: CIS Professional in Java Programming - M0689	Students completing the Professional Certificate in Java Programming (E0700) will be able to create an object oriented program that will use remote method invocation using the Java programming language.
Certificate: CIS Professional in Java Programming - M0689	Students completing the Professional Certificate in Java Programming (E0700) will be able to develop a dynamic web page programming Java Server Pages.
Certificate: CIS Professional in LINUX - M0816	Students completing the CIS Professional Certificate in Linux (E0796) will know how to install a SAMBA server in a Linux computer.
Certificate: CIS Professional in LINUX - M0816	Students completing the CIS Professional Certificate in Linux (E0796) will know how to install an Apache web server in a Linux computer and access its web pages from another computer.
Certificate: CIS Professional in Network Security - M0688	Students completing Certificate: CIS Professional Certificate in Network Security - E0721 will be able to implement a secured translation for service hosting through firewall.
Certificate: CIS Professional in Network Security - M0688	Students completing Certificate: CIS Professional Certificate in Network Security - E0721 will be able to configure and install a firewall.
Certificate: CIS Professional in Networking - M0809	Students completing Certificate: CIS Professional Certificate in Networking - (E0716) will be able to configure and setup static routing.
Certificate: CIS Professional in Networking - M0809	Students completing Certificate: CIS Professional Certificate in Networking - (E0716) will be able to implement VLAN and VLAN routing.
Certificate: CIS Professional in Object-Oriented Design & Programming - M0813	Students completing the CIS Professional Certificate in Object Oriented Design & Programming (E0723) will be able to display data from related database tables.
Certificate: CIS Professional in Object-Oriented Design & Programming - M0813	Students completing the CIS Professional Certificate in Object Oriented Design & Programming (E0723) will be able to update a SQL Server database.
Certificate: CIS Professional in Object-Oriented Design & Programming - M0813	Students will be able to identify classes (objects) needed to create object-oriented application in any programming language.
Certificate: CIS Professional in Object-Oriented Design & Programming - M0813	UML Diagram
Certificate: CIS Professional in Python Programming - M0675	Students completing this certificate will be able to develop database, desktop, web, and scalable applications on the cloud. They will be able to perform web scraping, interact with operating systems and web services, and automate real world tasks using Python programming language.
Certificate: CIS Professional in SQL - M0811	Students completing the CIS Professional Certificate in SQL (E0730) will be able to apply normalization rules to database design.
Certificate: CIS Professional in SQL - M0811	Students completing the CIS Professional Certificate in SQL (E0730) will be able to create E-R (Entity Relationship) and UML (Unified Modeling Language) diagrams for a given database scenario.
Certificate: CIS Professional in Telecommunications - M0810	Students completing the CIS Professional Certificate in Telecommunications (E0718) will be able to configure and setup static routing.

Certificate: CIS Professional in Telecommunications - M0810	Students completing the CIS Professional Certificate in Telecommunications (E0718) will be able to implement VLAN and VLAN routing.
Certificate: Coaching - E0804	Students will be able to identify and comprehend the ASEP (American Sports Education Program) coaching philosophy.
Certificate: Computed Tomography - N0687	Graduates will meet the employment demands of the medical community
Certificate: Computed Tomography - N0687	Student/Graduate will communicate effectively
Certificate: Computed Tomography - N0687	Student/Graduate will demonstrate academic and technical competence as an entry-level CT Technologist
Certificate: Computed Tomography - N0687	Student/Graduate will model professionalism
Certificate: Computed Tomography - N0687	Student/Graduate will use critical thinking skills in both routine and non-routine clinical situations
Certificate: Computed Tomography - N0687	Students will develop workforce readiness skills
Certificate: Consumer Relations - M0479	Students completing the Consumer Relations Certificate (B0326) program will be able to determine their short term, intermediate and long term goals.
Certificate: Consumer Relations - M0479	Students completing the Consumer Relations Certificate (B0326) program will demonstrate meaningful self-evaluation related to increasing their lifelong personal well-being.
Certificate: Consumer Relations - M0479	Students completing the Consumer Relations Certificate will be able to identify consumer related laws and government agencies.
Certificate: Contact Tracer - 40254	Student are able to explain and demonstrate the four main steps involved in contact tracing.
Certificate: Contact Tracer - 40254	Students are able to explain the role and responsibilities of a Contact Tracer.
Certificate: Contact Tracer - 40254	Students will recognize and demonstrate the importance of patient confidentiality.
Certificate: Culinary Arts - E0373	Determine the presence of foodborne-illness outbreak.
Certificate: Culinary Arts - E0373	Plan a food production schedule and assemble the tools, equipment, and ingredients required to produce a recipe in an organized and efficient manner.
Certificate: Culinary Arts - E0373	Recipe knowledge, accuracy and execution: Follow recipe procedures to produce food at the appropriate temperature, consistency, texture, flavor, and in a timely manner.
Certificate: Dance Teacher - N0649	To experience and develop dance pedagogy applicable in ballet, jazz and modern dance.
Certificate: eDiscovery and Litigation Support - E0441	Students completing the eDiscovery and Litigation Support Certificate will identify the EDRM process, demonstrate familiarity with discovery rules, draft a legal hold, prepare a data map, and identify spoliation issues.
Certificate: Electronic Systems Technology - Cabling and Wiring - 35909	A student completing the program will be able to analyze the security needs of a residence or business, select components, and install, test, and trouble shoot the system.
Certificate: Electronic Systems Technology - Cabling and Wiring - 35909	A student completing the program will be able to plan, connect, and test a video, voice, or data system.
Certificate: Electronic Systems Technology - Cabling and Wiring - 35909	Student completing the program will be able to use a basic digital meter and describe typical circuit trouble shooting techniques.
Certificate: Emergency Medical Technician - 38104	Graduates of the program will be employed or seeking employment in the field or a related field.
Certificate: Emergency Medical Technician - 38104	Graduates of the program will pass the National Registry of EMT's (NREMT) certifying exam.
Certificate: Emergency Medical Technician - 38104	Students will be assessed for job readiness skills using a psychomotor exam (patient assessment, bleeding control, and CPR).
Certificate: English as a Second Language - 24054	Program completers will demonstrate advanced English language proficiency, computer literacy, and education and career exploration skills.
Certificate: English as a Second Language - Advanced - 30376	Certificate completers will demonstrate advanced-level skill achievement in English language proficiency.
Certificate: English as a Second Language - Beginning - 30375	Certificate completers will demonstrate beginning-level skill achievement in English language proficiency.
Certificate: English as a Second Language - Intermediate - 30374	Certificate completers will demonstrate intermediate-level skill achievement in English language proficiency.

Certificate: Fashion Computer-Aided Design - E0383	Students completing the Fashion Computer Aided Design Certificate will be able to develop an apparel collection and portfolio including technical drawings, fabric selection, CAD illustrations, spec sheet, and teck pack throughout their FASH 23 capstone course.
Certificate: Fashion Computer-Aided Design - E0383	Students completing the Fashion Design Computer-Aided Certificate will be able to create an apparel collection including textile designs and flats (technical drawings) pursuant to apparel industry standards.
Certificate: Fashion Design - Level I - N0482	Students who complete the Fashion Design and Technologies Level One Certificate will be able to demonstrate their understanding of the fashion industry trend research process.
Certificate: Fashion Design - Level I - N0482	Students completing the Fashion Design Level One Certificate will be able to develop apparel CAD technical drawing collections including accurate clothing construction design details. Technical drawing collections will include accurate clothing construction lines, seams, stitching, pattern construction, textile print placement, and other details as per requirements in FASH 25 course assignments pursuant to apparel industry standards.
Certificate: Fashion Design - Level II - N0483	Students completed the Fashion Design and Technologies Level II Certificate will be able to create apparel patterns using CAD patternmaking industry software pursuant to apparel industry standards.
Certificate: Fashion Design - Level II - N0483	Students completing the Fashion Design Level Two Certificate will be able to develop an apparel collection and portfolio including technical drawings, fabric selection, CAD illustrations, spec sheet, and teck pack throughout their FASH 23 capstone course.
Certificate: Fashion Merchandising - Level I - N0484	Students completing the Fashion Merchandising Level I Certificate will be able to analyze trend forecasts throughout their FASH 8 level one certificate capstone course.
Certificate: Fashion Merchandising - Level I - N0484	Students who complete the Fashion Merchandising Level One Certificate will be able to demonstrate their understanding of the fashion industry trend research process.
Certificate: Fashion Merchandising - Level II - N0485	Students completing the Fashion Merchandising Level II Certificate will be able to solve retail math calculations based on retail scenarios and develop merchandise buying plans throughout their FASH 62 capstone course.
Certificate: Fashion Merchandising - Level II - N0485	Students who complete the Fashion Merchandising Level Two Certificate will be able to analyze the marketing and promotional techniques of fashion and apparel companies.
Certificate: Fire Technology - N0486	Analyze and assess firefighter hazards, and demonstrate safe practices by using minimum standard safety procedures.
Certificate: Fire Technology - N0486	Define fire department organization, culture, and methods of communication of entry level fire department personnel.
Certificate: Fire Technology - N0486	Demonstrate knowledge of fire preventions efforts and a resulting reduction of life and property loss.
Certificate: Fire Technology - N0486	Demonstrate knowledge of the 5 basic types of construction. Identify the components and hazards related to each type.
Certificate: Fire Technology - N0486	Identify components of built-in and portable fire protections systems and alarm and notification devises.
Certificate: Fire Technology - N0486	Identify fire chemistry and behavior for the purpose of predicting fire dynamics and flame spread characteristics.

Certificate: Fire Technology - N0486	Knowledge of Leadership and Management concepts as they relate to emergency and non-emergency situations.
Certificate: Fire Technology - N0486	Knowledge of strategy and tactics required for the proper selection and safe use of firefighting methods, techniques, tools and equipment.
Certificate: Fire Technology - N0486	Students completing certificate will be employed or seeking employment in the field or a related field
Certificate: Fire Technology - N0486	Students completing the certificate will be technically competent
Certificate: Fitness Specialist/Personal Trainer - E0808	Students completing certificate will find employment in the fitness industry as a personal trainer.
Certificate: Fitness Specialist/Personal Trainer - E0808	Students will be able to develop a 12 month workout plan that will meet a typical clients needs.
Certificate: Floral Design - 24242	Student will be able to identify flowers, foliage, tools, and design elements upon achieving the Floral Design Certificate.
Certificate: Floral Design - 24242	Upon completion of the program, the student will create a floral design.
Certificate: Floral Design - 24242	Upon earning floral design certificate, students will complete written assignment reflecting their personal interest in a specific area of floral design.
Certificate: Gallery Design, Operation and Art Profession - E1020	Students will be able to design an exhibition promotional package.
Certificate: Gallery Design, Operation and Art Profession - E1020	Students will be able to prepare an exhibition promotional package.
Certificate: Gallery Design, Operation and Art Profession - E1020	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.
Certificate: Gallery Design, Operation and Art Profession - E1020	Upon the successful completion of this program, students will be able to apply critical thinking skills to original work.
Certificate: Gallery Design, Operation and Art Profession - E1020	Upon the successful completion of this program, students will be able to apply the elements and principles of design to original art work.
Certificate: Gallery Design, Operation and Art Profession - E1020	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.
Certificate: Gallery Design, Operation and Art Profession - E1020	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.
Certificate: Gallery Design, Operation and Art Profession - E1020	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.
Certificate: Gallery Design, Operation and Art Profession - E1020	Upon the successful completion of this program, students will create independent original work in the area of their focus demonstrating basic professional practices.
Certificate: Gallery Design, Operation and Art Profession - E1020	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.
Certificate: GED Preparation - H7001	HSE completers/graduates that can be identified will successfully transition to credit or employment.
Certificate: GED Preparation - H7001	Students will be prepared to pass the High School Equivalency exams.
Certificate: General Accounting - 38107	By the end of this program, students will be able to calculate financial ratios and interpret the results in written form.
Certificate: General Accounting - 38107	By the end of this program, students will be able to prepare financial statements given a set of general ledger ending balances for a defined accounting period.
Certificate: General Accounting - 38107	By the end of this program, students will be able to solve word problems involving the three primary methods of depreciation.
Certificate: General Office Skills - 37444	Students will be employed or actively seeking employment in the field or a related field.
Certificate: General Office Skills - 37444	Students will be prepared to enter entry level administrative assistant and general office jobs.
Certificate: General Office Skills - 37444	Students will be proficient in office software applications to demonstrate job readiness.

Certificate: Graphic Design - Level 1 - N0487	Students will be able to create effective process work that includes brainstorming (mind maps, stylescapes, thumbnail drawings), and comprehensive designs (comps). Process work is effective when it is substantial (quantity) and leads to final commercial art that creatively solves the defined problem.
Certificate: Graphic Design - Level 2 - Generalist - T0683	A final professional digital portfolio will be created targeting a specific audience.
Certificate: Graphic Design - Level 2 - Generalist - T0683	design commercial art products that effectively utilize principles and elements of design.
Certificate: Graphic Design - Level 2 - Generalist - T0683	develop and communicate creative, visual solutions for a commercial art assignment.
Certificate: Graphic Design - Level 2 - Generalist - T0683	present their commercial art products, explaining and defending their strategic choices, creative ideas and design decisions.
Certificate: Graphic Design - Level 2 - Generalist - T0683	research and interpret information necessary to develop an effective message(s) and strategy for a commercial art assignment.
Certificate: Graphic Design - Level 2 - Generalist - T0683	select and use appropriate, industry standard tools and technology to produce commercial art products.
Certificate: Graphic Design - Level 2 - Web Design - T0686	A final website design will live online targeting a specific audience representing the student's chosen field.
Certificate: Horse Ranch Management - Level I - M0869	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 I - M0869	Students completing ASCI 16 will be able to identify common horse breeds.
Certificate: Horse Ranch Management - Level I - M0869	Students completing the Horse Ranch Management certificate will demonstrate professional conduct in the industry.
Certificate: Horse Ranch Management - Level I - M0869	Students will design a business plan for an equine-related business.
Certificate: Horse Ranch Management - Level II - N0488	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: Horse Ranch Management - Level II - N0488	Students completing the Horse Ranch Management certificate will demonstrate professional conduct in the industry.
Certificate: Horse Ranch Management - Level II - N0488	Students will design a production/business plan for a horse-related activity
Certificate: Horticulture Science - N0489	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: Horticulture Science - N0489	Certificate completers will be able to explain the binomial method of plant nomenclature.
Certificate: Horticulture Science - N0489	Students completing the certificate will be able to give a professional quality oral presentation
Certificate: Hospitality: Event Planning and Catering (Certificate E0379)	Analyze the popularity and profitability of a menu.
Certificate: Hospitality: Event Planning and Catering (Certificate E0379)	Develop a business plan for a catering business and understand the enormity of planning for and opening a small business.
Certificate: Hospitality: Event Planning and Catering (Certificate E0379)	Plan a food production schedule and assemble the tools, equipment, and ingredients required to produce a recipe in an organized and efficient manner.
Certificate: Hospitality: Event Planning and Catering (Certificate E0379)	Students will be able to meet with prospective clients and plan all elements of a special event.
Certificate: Hospitality: Food Services - E1390	Differentiate between the various styles of service including: American (Pre-plated), English (Family), Russian (Platter), French (Gueridon).
Certificate: Hospitality: Food Services - E1390	Identify and Determine the presence of foodborne-illnesses causing outbreaks.
Certificate: Hospitality: Food Services - E1390	Utilize acquired classroom knowledge and skills to explore job opportunities in the hospitality industry and develop a career portfolio.
Certificate: Hospitality: Hospitality Management - Level I - E1332	Students completing the Hospitality Management - Level 1 Certificate (E1332) will be able to differentiate between the various styles of service including: American (Pre-plated), English (Family), Russian (Platter), French (Gueridon).
Certificate: Hospitality: Hospitality Management - Level I - E1332	Students completing the Hospitality Management - Level 1 Certificate (E1332) will be able to establish room rates based on desired profits using the Hubbart formula.

Certificate: Hospitality: Hospitality Management - Level I - E1332	Students completing the Hospitality Management - Level 1 Certificate (E1332) will be able to identify staffing needs for a hotel Front Desk based on occupancy, level of activity, and budget constraints.
Certificate: Hospitality: Hospitality Management - Level I - E1332	Students completing the Hospitality Management - Level 1 Certificate (E1332) will be able to utilize acquired classroom knowledge and skills to explore job opportunities in the hospitality industry and develop a career portfolio.
Certificate: Hospitality: Hospitality Management - Level II - L1325	Students completing the Hospitality Management - Level 2 Certificate (L1325) will be able to analyze a civil case related to the hospitality industry and determine the facts, elements of negligence, possible consequences and outcomes
Certificate: Hospitality: Hospitality Management - Level II - L1325	Students completing the Hospitality Management - Level 2 Certificate (L1325) will be able to conduct an employee: interview, performance evaluation, and apply effective discipline techniques.
Certificate: Hospitality: Hospitality Management - Level II - L1325	Students completing the Hospitality Management - Level 2 Certificate (L1325) will be able to develop an Income (P&L) Statement for a hospitality operation.
Certificate: Hospitality: Restaurant Management - Level I - E1333	Students completing the Food Services Certificate (E1390) will be able to identify and Determine the presence of foodborne-illnesses causing outbreaks.
Certificate: Hospitality: Restaurant Management - Level I - E1333	Students completing the Restaurant Management - Level 1 Certificate (E1333) will be able to develop measurable skill-based learning objectives, which they will attain at the end of their work experience period.
Certificate: Hospitality: Restaurant Management - Level I - E1333	Students completing the Restaurant Management - Level 1 Certificate (E1333) will be able to differentiate between the various styles of service including: American (Pre-plated), English (Family), Russian (Platter), French (Gueridon).
Certificate: Hospitality: Restaurant Management - Level I - E1333	Students completing the Restaurant Management - Level 1 Certificate (E1333) will be able to utilize acquired classroom knowledge and skills to explore job opportunities in the hospitality industry and develop a career portfolio.
Certificate: Hospitality: Restaurant Management - Level II - E0343	Analyze the popularity and profitability of a menu.
Certificate: Hospitality: Restaurant Management - Level II - E0343	Plan a food production schedule and assemble the tools, equipment, and ingredients required to produce a recipe in an organized and efficient manner.
Certificate: Hospitality: Restaurant Management - Level II - E0343	Students completing the Restaurant Management - Level 2 Certificate (L1319) will be able to conduct break-even analysis on a food & beverage facility and conduct cost volume analysis to determine number of customers required to attain desired profits.
Certificate: In Home Support Services - 33703	Demonstrate job readiness skills.
Certificate: In Home Support Services - 33703	Gain employment as a personal care attendant in a home setting or a care facility.
Certificate: In Home Support Services - 33703	Progress through the health career ladder by enrolling in further allied health career programs.
Certificate: Information and Operating Systems Security - E0731	Students completing the Information and Operating Systems Security Certificate (E0731) will be able to install safe and secure wireless network using computers with different operating systems (Windows, Mac etc.).
Certificate: Information and Operating Systems Security - E0731	Students completing the Information and Operating Systems Security Certificate (E0731) will be able to strengthen security of any operating system by installing Firewall
Certificate: Interior Design Kitchen and Bath Specialization - T0306	Students will successfully demonstrate craftsmanship skills in the presentation of the final project.
Certificate: Interior Design Kitchen and Bath Specialization - T0306	Students will successfully design a kitchen based NKBA standards.
Certificate: Interior Design Kitchen and Bath Specialization - T0306	Students will successfully meet program requirements.
Certificate: Interior Design Level 1 - E0364	Students will accurately specify materials based on use.
Certificate: Interior Design Level 1 - E0364	Students will successfully demonstrate craftsmanship skills in the presentation of materials.
Certificate: Interior Design Level 1 - E0364	Students will successfully use critical thinking in the utilization of materials in a space.
Certificate: Interior Design Level 2 - T0304	Students will successfully demonstrate craftsmanship skills in the presentation of a space.
Certificate: Interior Design Level 2 - T0304	Students will successfully design a space based on a concept.
Certificate: Interior Design Level 2 - T0304	Students will successfully meet program requirements.
Certificate: Interior Design Level 3 - T0305	Students will successfully demonstrate craftsmanship skills in the presentation of a space.

Certificate: Interior Design Level 3 - T0305	Students will successfully design a space based on a concept.
Certificate: Interior Design Level 3 - T0305	Students will successfully meet program requirements.
Certificate: Interior Landscaping - L0106	Students completing Interior Landscaping Certificate will be able to give a professional quality oral presentation
Certificate: Interior Landscaping - L0106	Students completing the Interior Landscaping Certificate will be able to demonstrate competency in one on one customer relations.
Certificate: Interior Landscaping - L0106	Students completing the Interior Landscaping certificate will demonstrate professional conduct in the industry.
Certificate: Introduction to Computer Information Technology - E0712	Students completing the Introduction to Computer Information Technology Certificate (E0712) will be able to define the following Internet terms: Internet, World Wide Web, browser, IP address, URL
Certificate: Introduction to Computer Information Technology - E0712	Students completing the Introduction to Computer Information Technology Certificate (E0712) will be able to identify five ways to protect a computer from harmful attacks.
Certificate: Introduction to Computer Information Technology - E0712	Students completing the Introduction to Computer Information Technology Certificate (E0712) will know the four primary operations of a computer and the hardware that performs these operations.
Certificate: Junior Game Designer - Foundation - N0622	Students will create a digital portfolio containing a variety of game-related content demonstrating a clear understanding of the crafts involved within.
Certificate: Junior Game Designer - Foundation - N0622	Students will select and organize a sample of files containing 2D animations that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Junior Game Designer - Foundation - N0622	Students will select and organize a sample of files containing 3D animations that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Junior Game Designer - Foundation - N0622	Students will select and organize a sample of files containing 3D objects that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Junior Game Designer - Foundation - N0622	Students will select and organize a sample of files containing digital games that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Junior Game Designer - Introduction - E0439	Students will select and organize a sample of files containing 2D animations that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Junior Game Designer - Introduction - E0439	Students will select and organize a sample of files containing 3D objects that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Landscape and Park Maintenance - N0623	Certificate completers will be able to formulate and implement a complete Integrated Pest Management program for a specific site
Certificate: Landscape and Park Maintenance - N0623	Students completing the certificate will be able to give a professional quality oral presentation
Certificate: Landscape and Park Maintenance - N0623	Students completing the certificate will demonstrate professional conduct in the industry.
Certificate: Landscape and Park Maintenance - N0623	Students completing this course will be able to demonstrate proper pruning skills for pruning woody trees and shrubs.
Certificate: Landscape Construction - L0393	Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria
Certificate: Landscape Construction - L0393	Students completing the certificate will be able to prepare and implement a Home Improvement Contract.
Certificate: Landscape Construction - L0393	Students completing this certificate will be able to demonstrate fundamentals of operating tractors and equipment covered in class
Certificate: Landscape Construction - L0393	Students completing this certificate will be able to identify and correctly use the proper tool needed for landscape projects.
Certificate: Landscape Design I - L0368	Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria
Certificate: Landscape Design I - L0368	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 I - L0368	Certificate completers will be able to explain the binomial method of plant nomenclature.

Certificate: Landscape Design I - L0368	Students completing the certificate will be able to give a professional quality oral presentation
Certificate: Landscape Design I - L0368	Students completing this certificate will be able to identify and correctly use the proper tool needed for landscape projects.
Certificate: Landscape Design II - L0396	Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria
Certificate: Landscape Design II - L0396	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	Certificate completers will be able to explain the binomial method of plant nomenclature.
Certificate: Landscape Design II - L0396	Students completing the certificate will be able to give a professional quality oral presentation
Certificate: Landscape Design II - L0396	Students completing this certificate will be able to identify and correctly use the proper tool needed for landscape projects.
Certificate: Landscape Design II - L0396	Students completing this certificate will be technically proficient at computer aided design (cad)
Certificate: Landscape Design II - L0396	Students successfully completing this certificate will be able to make a professional landscape design presentation to a customer
Certificate: Landscape Equipment Technology - L0358	Students completing the certificate will be able to give a professional quality oral presentation
Certificate: Landscape Equipment Technology - L0358	Students completing the certificate will demonstrate professional conduct in the industry.
Certificate: Landscape Equipment Technology - L0358	Students completing the certificate will learn engine disassembly, evaluation of components, and reassembly of small air-cooled gasoline engine
Certificate: Landscape Irrigation - L0110	Certificate completers will be able to evaluate a site and develop a functional design that meets client criteria
Certificate: Landscape Irrigation - L0110	Students completing the certificate will demonstrate professional conduct in the industry.
Certificate: Landscape Irrigation - L0110	Students completing the Landscape Irrigation Certificate will be able to be able to choose irrigation practices for conserving water and encouraging plant health
Certificate: Landscape Irrigation - L0110	Students completing this certificate will be able to give a professional quality oral presentation
Certificate: Livestock Production Management - E0363	Certified Students of the Agriculture Program will be technically proficient.
Certificate: Livestock Production Management - E0363	Completers of this program will address animals welfare requirement when designing and implementing a livestock management system.
Certificate: Livestock Production Management - E0363	Students completing the livestock certificate will be able to design a comprehensive production/business plan for various livestock species
Certificate: Manufacturing and Electrical Systems - 37445	Upon completion of manufacturing theory & blueprint reading program students will be able to understand and demonstrate electrical safety.
Certificate: Manufacturing and Electrical Systems - 37445	Upon completion of the manufacturing theory & blueprint reading program graduates are to evaluate self-readiness.
Certificate: Manufacturing and Electrical Systems - 37445	Upon completion of the manufacturing theory & blueprint reading program students will be able to describe concepts of lean manufacturing.
Certificate: Marketing Management - L0510	I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States
Certificate: Marketing Management - L0510	I am able to list the characteristics of a successful salesperson
Certificate: Marketing Management - L0510	I have developed a working knowledge of marketing terminology
Certificate: Medical Assistant - 38108	Students are able to demonstrate administrative and clinical skills of a medical assistant.
Certificate: Medical Assistant - 38108	Students are able to explain and demonstrate infection control measures in a clinical setting.

Certificate: Medical Assistant - 38108	Students will demonstrate effective communication with patients, family members, and other healthcare professionals.
Certificate: Microcomputer Productivity - L0336	Students completing the Certificate in Microcomputer Productivity (L0702) will be able to effectively use formulas and functions in worksheets.
Certificate: Microcomputer Productivity - L0336	Students completing the Certificate in Microcomputer Productivity (L0702) will be able to properly format a worksheet, ensuring that it looks professional
Certificate: Nursery Management - L0107	Students completing the certificate will be able to demonstrate professional conduct.
Certificate: Nursery Management - L0107	Students completing the certificate will be able to give a professional quality oral presentation
Certificate: Nursery Management - L0107	Students completing the certificate will be technically proficient.
Certificate: Nutrition - N0453	Students completing the Nutrition Certificate N0453 will be able to analyze how food is used culturally and symbolically in holiday and religious ceremonies throughout the world.
Certificate: Nutrition - N0453	Students completing the Nutrition Certificate N0453 will be able to use acquired knowledge and skills to evaluate potential transfer and internship sites.
Certificate: Nutrition - N0453	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. NF25 and NF25H data will be pooled.
Certificate: Nutrition - N0453	Students completing the Nutrition Certificate will demonstrate proficiency in practical skills, such as using kitchen equipment properly and demonstrating proficiency in appropriate technology.
Certificate: Occupational Therapy Aide - 38096	Upon completion of the occupational therapy aide program students will be able to Identify and describe basic medical terminology and medical abbreviations
Certificate: Occupational Therapy Aide - 38096	Upon completion of the occupational therapy aide program students will be able to Identify contraindications to performing modalities and procedures
Certificate: Occupational Therapy Aide - 38096	Upon completion of the occupational therapy program graduates are to evaluate the program's effectiveness.
Certificate: Office Computer Applications - Level 1 - 36375	Students will apply basic computing skills to create, format, and edit professional documents.
Certificate: Office Computer Applications - Level 2 - 36834	Students completing the Office Computer Applications Certificate will be prepared for employment in a comuterized office environment
Certificate: Office Computer Applications - Level 2 - 36834	Students in Creative Computing course will complete a class project demonstrating their ability to use software applications for creative computing.
Certificate: Office Computer Applications - Level 2 - 36834	Students in Internet Research - An Introduction will complete a class project displaying the students Internet search techniques.
Certificate: Park Management - N0629	Students completing the certificate will be able to give a professional quality oral presentation
Certificate: Park Management - N0629	Students completing the certificate will be technically proficient
Certificate: Park Management - N0629	Students completing the certificate will demonstrate professional conduct in the industry.
Certificate: Payroll and Tax Accounting - 38112	Students will demonstrate job readiness skills related to payroll and tax accounting laws, regulations, and calculations.
Certificate: Payroll and Tax Accounting - 38112	Students will gain employment in an introductory payroll and/or tax accounting position in the business department of any business or organization.
Certificate: Payroll and Tax Accounting - 38112	Students will progress through the business and accounting career ladder by enrolling in further business and accounting courses or programs.
Certificate: Personal Care Aide - 33703	Students are able to explain and demonstrate infection control measures in a home setting.
Certificate: Personal Care Aide - 33703	Students will be proficient in personal care skills.
Certificate: Personal Care Aide - 33703	Students will demonstrate effective communication with consumers, family members, and other healthcare professionals.
Certificate: Pet Science - T0104	Pet Science certificate completers should be able to identify the common species & breeds of livestock

Certificate: Pet Science - T0104	Students completing a certificate in Pet Science will be able to address animal welfare requirements when designing and implementing an animal management system.
Certificate: Pet Science - T0104	Students completing this program should be able to Identify common breeds of small animals
Certificate: Pharmacy Technician - 41168	After the course is completed. Students will be able to gain employment in an introductory position in the pharmacy technology sector.
Certificate: Pharmacy Technician - 41168	Students will be able to acquire ability to calculate formula associated with pharmacological measurements
Certificate: Pharmacy Technician - 41168	Students will be able to communicate effectively with customers in the pharmacy setting dealing with language and other barriers with comfort.
Certificate: Photography - Level I - N0631	Students in Photography will know core skills of standard shutter speeds, creative use of shutter, standard apertures and creative use of aperture.
Certificate: Photography - Level I - N0631	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.
Certificate: Photography - Level I - N0631	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: Photography - Level I - N0631	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.
Certificate: Photography - Level I - N0631	Upon the successful completion of this program, the student will be able to usefully participate in the collaborative environment of commercial art fields.
Certificate: Photography - Level I - N0631	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.
Certificate: Photography - Level II - T0349	Assess learning modality preferences using previous Core Skill SLO's. (09-10) (10-11)
Certificate: Photography - Level II - T0349	Assess learning modality preferences using previous Core Skill SLO's. (09-10) (10-11) (11-12)
Certificate: Photography - Level II - T0349	Students in Photography will know two core skills of exposure control, i.e. f/stop and shutter control. (07-08)(09-10) (10-11) (11-12)
Certificate: Photography - Level II - T0349	Students will create a portfolio of 20-25 pieces.
Certificate: Photography - Level II - T0349	Students will demonstrate advanced photographic skills including studio and location lighting and use of large and medium format cameras.
Certificate: Photography Digital Technician- N0632	Assess learning modality preferences using previous Core Skill SLO's. (09-10) (10-11)
Certificate: Photography Digital Technician- N0632	Assess learning modality preferences using previous Core Skill SLO's. (09-10) (10-11) (11-12)
Certificate: Photography Digital Technician- N0632	Increase number of students completing the certificate
Certificate: Photography Digital Technician- N0632	Students in Photography will know two core skills of exposure control, i.e. f/stop and shutter control. (07-08)(09-10) (10-11) (11-12)
Certificate: Pilates Professional Teacher Training Phase I: Mat and Reformer - E0315	Students will demonstrate knowledge in Pilates history, philosophy, principles and concepts.
Certificate: Programming in C++ - L0794	Students completing the Programming in C++ Certificate (L0794) will be able to connect C++ program to the database and incorporate SQL statements into C++ code.
Certificate: Programming in C++ - L0794	Students completing the Programming in C++ Certificate (L0794) will be able to create event-driven program, using Windows Forms.
Certificate: Public Works/Landscape - B0120	Students completing the Public Works/ Landscape Certificate will be able to give a professional quality oral presentation.
Certificate: Radio Broadcasting: Behind the Scenes - N0636	Develop a format for a radio station

Certificate: Radio Broadcasting: Behind the Scenes - N0636	Develop and implement ideas for a radio show
Certificate: Radio Broadcasting: Behind the Scenes - N0636	Operate the studio equipment required to produce a live broadcast
Certificate: Radio Broadcasting: Behind the Scenes - N0636	Students will feel they have the skills required to either transfer to a 4-year program or obtain an entry-level behind-the-scenes job in the entertainment industry.
Certificate: Radio Broadcasting: Behind the Scenes - N0636	Use social media during a live radio show to engage with the audience
Certificate: Radio Broadcasting: Behind the Scenes - N0636	Use studio equipment to record and edit a pre-recorded piece
Certificate: Radio Broadcasting: Behind the Scenes - N0636	Work in production, programming or a variety of other behind-the-scenes positions at a commercial radio station
Certificate: Radio Broadcasting: On-Air - N0637	Students will feel they have the skills required to either transfer to a 4-year program or obtain an entry-level behind-the-scenes job in the entertainment industry.
Certificate: Real Estate Broker - N0638	Students completing the Real Estate Broker Certificate will be prepared to pass the California Real Estate Broker Examination.
Certificate: Real Estate Sales - E0342	Mt. SAC real estate students will meet or exceed the state average for success or passage on the state licening exam.
Certificate: Real Estate Sales - E0342	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
Certificate: Secondary Education/High School Diploma – 36743	Students will pass final exams (cumulative) in high school courses.
Certificate: Secondary Education/High School Diploma – 36743	There will be an increase in the number of diplomas earned by Adult HS Diploma students.
Certificate: Sign Language/Interpreting - T0801	Upon successful completion of this program, a student will be able to: Demonstrate a professional disposition: equity mindedness, ethical decision making, interpersonal skills, lifelong learning, and world knowledge
Certificate: Sign Language/Interpreting - T0801	Upon successful completion of this program, a student will be able to: Interpret languages and cultures among diverse signing and non-signing populations
Certificate: Sign Language/Interpreting - T0801	Upon successful completion of this program, a student will be able to: Use the foundation of acquired knowledge and skills to find potential transfer and internship opportunities
Certificate: Solar Panel - 38105	Upon completion of solar panel program students will be able to describe the various types of panels and electrical configurations.
Certificate: Solar Panel - 38105	Upon completion of the solar panel program graduates are to evaluate self-readiness.
Certificate: Solar Panel - 38105	Upon completion of the solar panel program students will be able to calculate wattage output for solar panel array.
Certificate: Sports Medicine - 38095	Upon earning course certificate, student will express readiness in executing the responsibilities of an aide in a sport medicine setting.
Certificate: Sports Medicine - 38095	Upon earning course certificate, students will be able to identify and describe basic medical terminology and abbreviations.
Certificate: Sports Medicine - 38095	Upon earning course certificate, students will be able to place specific procedures within the proper phases of HOPS.

Certificate: Sports Turf Management - L0112	Certificate completers will be able to formulate and propose an all-inclusive management program for a sports turf area
Certificate: Sports Turf Management - L0112	Students completing the certificate will be able to give a professional quality oral presentation
Certificate: Sports Turf Management - L0112	Students completing the certificate will demonstrate professional conduct in the industry.
Certificate: Supply Chain Management - M0645	I am able to explain how a small business can prepare to conduct export operations
Certificate: Supply Chain Management - M0645	I am able to identify and explain elements of an organization's supply chain.
Certificate: Supply Chain Management - M0645	I am able to identify how governments influence trade
Certificate: Surgical Technician - 38102	Upon completion of the surgical technician program graduates are to evaluate self-readiness.
Certificate: Surgical Technician - 38102	Upon completion of the surgical technician program students will be able to demonstrate professionalism, teamwork, cultural sensitivity, and ethical practices.
Certificate: Surgical Technician - 38102	Upon completion of the surgical technician program students will be able to perform proper surgical preparation techniques for self or another member of the perioperative team.
Certificate: Surveying Technology - E0432	Acquire spatial data and perform computations using industry-standard technology.
Certificate: Surveying Technology - E0432	Document various landforms using various mathematical techniques to generate documentation of various landforms
Certificate: Surveying Technology - E0432	Work effectively in groups during field surveying and engineering design projects, which involve problem-solving, report writing and oral presentations.
Certificate: Television Crew - N0640	Apply aesthetic and technical skills in telling a story visually.
Certificate: Television Crew - N0640	Function in three types of production: Narrative (film-style), TV Studio, and live Remote Multicamera production in any role.
Certificate: Television Crew - N0640	Present an ePortfolio containing video and written work to prospective employers, universities and scholarship committees.
Certificate: Television Crew - N0640	RTV program students will feel that they have an increased possession of the skills required for entry-level work in the entertainment industry.
Certificate: Television Crew - N0640	Students will feel that they possess the skills required for entry-level work in the entertainment industry.
Certificate: Television Crew - N0640	
Certificate: Television Crew - N0640	Use Avid Media Composer to the level necessary for an editing internship.
Certificate: Television Crew - N0640	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	70% of students completing AGOR 75 will be able to demonstrate proper pruning techniques for pruning woody trees and shrubs with 70% Accuracy.
Certificate: Tree Care and Maintenance - L0111	Certificate completers will be able to identify common landscape trees and woody shrubs
Certificate: Tree Care and Maintenance - L0111	Students completing the certificate will be able to give a professional quality oral presentation
Certificate: Tree Care and Maintenance - L0111	Students completing the certificate will demonstrate professional conduct in the industry.
Certificate: Tree Care and Maintenance - L0111	Students will be able to identify appropriate safety standards, equipment, and techniques for use in arboriculture practices.
Certificate: Virtual Reality Designer - N0644	Students will create a digital portfolio containing a variety of animation or game-related immersive content demonstrating a clear understanding of the crafts involved within creating virtual spaces.
Certificate: Virtual Reality Designer - N0644	Students will select and organize a sample of files containing 3D animations that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Virtual Reality Designer - N0644	Students will select and organize a sample of files containing 3D objects that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Virtual Reality Designer - N0644	Students will select and organize a sample of files containing digital games that they had developed in the program, demonstrating a clear understanding of the craft.
Certificate: Virtual Reality Designer - N0644	Students will select and organize a sample of files containing immersive experiences that they had developed in the program, which can be experienced on virtual reality headsets, demonstrating a clear understanding of the craft.

Degree: AA - Fine Arts Emphasis in Graphic Design - A8983	A final professional digital portfolio will be turned in that will target a specific audience representing the student's chosen field.
Degree: AA - Fine Arts Emphasis in Graphic Design - A8983	design commercial art products that effectively utilize principles and elements of design.
Degree: AA - Fine Arts Emphasis in Graphic Design - A8983	develop and communicate creative, visual solutions for a commercial art assignment.
Degree: AA - Fine Arts Emphasis in Graphic Design - A8983	present their commercial art products, explaining and defending their strategic choices, creative ideas and design decisions.
Degree: AA - Fine Arts Emphasis in Graphic Design - A8983	research and interpret information necessary to develop an effective message(s) and strategy for a commercial art assignment.
Degree: AA - Fine Arts Emphasis in Graphic Design - A8983	select and use appropriate, industry standard tools and technology to produce commercial art products.
Degree: AA - Liberal Arts Emphasis Business - A8981	I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content
Degree: AA - Liberal Arts Emphasis Business - A8981	I am able to describe the basic accounting system and how it is used to serve business needs
Degree: AA - Liberal Arts Emphasis Business - A8981	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	Provide classrooms, office spaces, and labs that support learning activities and reflect professionalism so all students are respected and given accessible options for full participation in course activities.
Degree: AA - Liberal Arts Emphasis Communication - A8982	Students will be able to perform basic speech delivery skills.
Degree: AA - Liberal Arts Emphasis Communication - A8982	Students will create messages appropriate for diverse audiences and listeners.
Degree: AA - Liberal Arts Emphasis Communication - A8982	Students will critically analyze information and arguments.
Degree: AA - Liberal Arts Emphasis Communication - A8982	Students will demonstrate effective verbal and non-verbal delivery skills to present a message to a live audience in a confident manner.
Degree: AA - Liberal Arts Emphasis Communication - A8982	Students will develop an improved understanding of themselves as communicators.
Degree: AA - Liberal Arts Emphasis Communication - A8982	Students will formulate communication solutions to problems in a range of contexts.
Degree: AA - Liberal Arts Emphasis Communication - A8982	Students will logically organize supporting materials into a well-crafted presentation.
Degree: AA - Liberal Arts Emphasis Communication - A8982	Students will select and research an appropriate topic and thesis.
Degree: AA - Liberal Arts Emphasis Environmental Studies - A0411	Analyze the impact of human behavior and beliefs on social institutions
Degree: AA - Liberal Arts Emphasis Environmental Studies - A0411	Analyze the impact of humans on the environment
Degree: AA - Liberal Arts Emphasis Environmental Studies - A0411	Demonstrate understanding of scientific inquiry and quantitative reasoning
Degree: AA - Liberal Arts Emphasis Fine Arts - A8983	An objective embedded in the selected project will require the use of an analogous color harmony in an original design demonstrating an understanding of analogous color harmony.
Degree: AA - Liberal Arts Emphasis Fine Arts - A8983	Students completing an assignment will be able to analyze modes of artistic expression.
Degree: AA - Liberal Arts Emphasis Fine Arts - A8983	Students will apply visual arts concepts in oral and written communication.
Degree: AA - Liberal Arts Emphasis Fine Arts - A8983	Students will be able to identify 4 color harmonies.
Degree: AA - Liberal Arts Emphasis Fine Arts - A8983	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 - Liberal Arts Emphasis Fine Arts - A8983	Upon the successful completion of this program, students will be able to apply critical thinking skills to original work.
Degree: AA - Liberal Arts Emphasis Fine Arts - A8983	Upon the successful completion of this program, students will be able to apply the elements and principles of design to original art work.
Degree: AA - Liberal Arts Emphasis Fine Arts - A8983	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 - Liberal Arts Emphasis Fine Arts - A8983	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 - Liberal Arts Emphasis Fine Arts - A8983	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.

Degree: AA - Liberal Arts Emphasis Fine Arts - A8983	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.
Degree: AA - Liberal Arts Emphasis Fine Arts - A8983	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 Fine Arts - A8983	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.
Degree: AA - Liberal Arts Emphasis Humanities - A8984	Upon completion of the program, students will be able to formally analyze modes of artistic expression (visual arts, music and literature).
Degree: AA - Liberal Arts Emphasis Humanities - A8984	Upon completion of the program, students will be able to identify the influence and interrelationship of culture on human and artistic expression
Degree: AA - Liberal Arts Emphasis Humanities - A8984	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
Degree: AA - Liberal Arts Emphasis Humanities - A8984	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 Information Technology - A8985	Students completing the Associate of Arts (A.A.) Degree in Liberal Arts and Sciences with an Emphasis in Information Technology (A8985) will be able to create effective queries that answer needed questions.
Degree: AA - Liberal Arts Emphasis Information Technology - A8985	Students completing the Associate of Arts (A.A.) Degree in Liberal Arts and Sciences with an Emphasis in Information Technology (A8985) will be able to identify four types of common transmission media and be able to describe the basic characteristics of each.
Degree: AA - Liberal Arts Emphasis Information Technology - A8985	Students completing the Associate of Arts (A.A.) Degree in Liberal Arts and Sciences with an Emphasis in Information Technology (A8985) will be able to understand the "need for security."
Degree: AA - Liberal Arts Emphasis Information Technology - A8985	Students completing the Associate of Arts (A.A.) Degree in Liberal Arts and Sciences with an Emphasis in Information Technology (A8985) will be able to use decision making statements and loops in order to create a business application.
Degree: AA - Liberal Arts Emphasis Information Technology - A8985	Students completing the Associate of Arts (A.A.) Degree in Liberal Arts and Sciences with an Emphasis in Information Technology (A8985) will know the four primary operations of a computer and the hardware that performs these operations.
Degree: AA - Liberal Arts Emphasis Kinesiology and Wellness - A8986	Complete required courses for degree
Degree: AA - Liberal Arts Emphasis Kinesiology and Wellness - A8986	Upon completion of the AA with KIN Emphasis, students will be able to demonstrate competence in several activities.
Degree: AA - Liberal Arts Emphasis Kinesiology and Wellness - A8986	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 Kinesiology and Wellness - A8986	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 Kinesiology and Wellness - A8986	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.
Degree: AA - Liberal Arts Emphasis Kinesiology and Wellness - A8986	Upon completion of the AA with KIN Emphasis, students will have an understanding of kinesiology, health promotion, and the mechanics of human bodily movement.
Degree: AA - Liberal Arts Emphasis Language Arts - A8987	Students will demonstrate language acquisition and usage through reading, writing, listening, signing or speaking within a diverse environment
Degree: AA - Liberal Arts Emphasis Math - A8989	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.

Degree: AA - Liberal Arts Emphasis Math - A8989	The department will analyze success rates for the math courses that are assigned to the AA Degree
Degree: AA - Liberal Arts Emphasis Music A8990	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.
Degree: AA - Liberal Arts Emphasis Music A8990	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 - Liberal Arts Emphasis Music A8990	Students will demonstrate proficiency in sight reading, transposition and improvisation at the keyboard
Degree: AA - Liberal Arts Emphasis Music A8990	Students will demonstrate proficiency in the analysis and composition of tonal music.
Degree: AA - Liberal Arts Emphasis Music A8990	Students will demonstrate proficiency in the dictation and sight singing of tonal music
Degree: AA - Liberal Arts Emphasis Music A8990	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.
Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988	Analyze and model chemical, physical or biological systems using scientific and/or mathematical methods.
Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988	Communicate scientific principles and applications effectively, both verbally and in writing.
Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988	Critically read, interpret, and analyze a range of complex text and data to make connections and draw meaningful conclusions.
Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988	Describe the impact of humans and our technology in an environmental and societal context.
Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988	Design and conduct experiments using appropriate tools to answer scientific questions
Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988	Identify and model the professional and ethical responsibilities of a scientist.
Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988	Pursue further study or life-long learning in the sciences
Degree: AA - Liberal Arts Emphasis Natural Sciences - A8988	Work collaboratively to reach a common goal or solve a problem.
Degree: AA - Liberal Arts Emphasis Social and Behavioral Sciences - A8991	Students will analyze the relationship between social, political, and/or economic institutions and human behavior.
Degree: AA - Liberal Arts Emphasis Social and Behavioral Sciences - A8991	Upon successful completion of this program, the student will be able to analyze cultural and gender diversity in humans.
Degree: AA - Liberal Arts Emphasis Social and Behavioral Sciences - A8991	Upon successful completion of this program, the student will be able to discuss historical and political implications on society.
Degree: AA - Liberal Arts Emphasis Social and Behavioral Sciences - A8991	Upon successful completion of this program, the student will be able to explain how biology relates to behavior or society.
Degree: AA - Liberal Arts Emphasis Social and Behavioral Sciences - A8991	Upon successful completion of this program, the student will be able to explain the development of the person within society.
Degree: AA - Liberal Arts Emphasis Social and Behavioral Sciences - A8991	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.
Degree: AA - World Languages & Global Studies Emphasis - A0429	Provide students with basic survival language tools to facilitate their speaking, listening and understanding, reading and writing curriculum covered in all of our foreign language classes. (Active)
Degree: AA-T - Art History - A0330	Student completing an assignment will be able to identify the influence of culture on human expression
Degree: AA-T - Art History - A0330	Students completing a course in "Area C: Arts" will be able to analyze modes of artistic expression.
Degree: AA-T - Art History - A0330	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 - Art History - A0330	Students will demonstrate the ability to critically analyze visual objects as works of art.
Degree: AA-T - Communication Studies - A0325	Provide classrooms, office spaces, and labs that support learning activities and reflect professionalism so all students are respected and given accessible options for full participation in course activities.
Degree: AA-T - Communication Studies - A0325	Students will be able to perform basic speech delivery skills.

Degree: AA-T - Communication Studies - A0325	Upon successful completion of the AAT in Communication Studies, students will create messages appropriate for diverse audiences and listener.
Degree: AA-T - Communication Studies - A0325	Upon successful completion of the AAT in Communication Studies, students will critically analyze information and arguments.
Degree: AA-T - Communication Studies - A0325	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.
Degree: AA-T - Communication Studies - A0325	Upon successful completion of the AAT in Communication Studies, students will develop an improved understanding of themselves as communicators.
Degree: AA-T - Communication Studies - A0325	Upon successful completion of the AAT in Communication Studies, students will formulate communication solutions to problems in a range of contexts.
Degree: AA-T - Communication Studies - A0325	Upon successful completion of the AAT in Communication Studies, students will logically organize supporting materials into a well-crafted presentation.
Degree: AA-T - Communication Studies - A0325	Upon successful completion of the AAT in Communication Studies, students will select and research an appropriate topic and thesis.
Degree: AA-T - English - A0332	Students will be able to analyze major themes in a range of literary genres.
Degree: AA-T - English - A0332	Students will be able to compare and contrast literary elements such as authorial approaches, narrative styles, character development, and thematic concerns.
Degree: AA-T - English - A0332	Students will be able to recognize cultural influences on literature.
Degree: AA-T - English - A0332	Students will be able to write an essay using appropriate academic format.
Degree: AA-T - English - A0332	Students will be able to write researched analytical papers using proper documentation.
Degree: AA-T - Environmental Studies Emphasis - A0411	A student earning this degree will be able to define sustainability applying criteria from the natural sciences as well as the social sciences.
Degree: AA-T - Environmental Studies Emphasis - A0411	Students earning this degree will be able to apply principles of sustainability to qualitative or quantitative research projects.
Degree: AA-T - Environmental Studies Emphasis - A0411	Students earning this degree will demonstrate understanding of scientific inquiry and quantitative reasoning.
Degree: AA-T - Environmental Studies Emphasis - A0411	Upon successful completion of this degree students will be able to understand the debate over animal rights and debates regarding preservation of wilderness and a habitable planet from the standpoint if ethics and philosophies of nature.
Degree: AA-T - Environmental Studies Emphasis - A0411	Upon successful completion of this degree students will be able to understand the meaning of the term “environmental justice” as well as the social and historical influences on ecological problems and sustainability.
Degree: AA-T - Geography - A0356	Analyze the fundamental relationship between humans and the environment.
Degree: AA-T - Geography - A0356	Apply geographic principles to particular world regions.
Degree: AA-T - Geography - A0356	Evaluate the spatial variation in human and physical processes.
Degree: AA-T - History - A0334	Students will analyze the relationship between social, political, and/or economic institutions and human behavior from a historical perspective
Degree: AA-T - History - A0334	Students will differentiate among changes in American Constitutional government over time and discuss its impact.
Degree: AA-T - History - A0334	Students will identify and evaluate major agents of change/reform across time in the United States and other countries and continents.
Degree: AA-T - History - A0334	Students will identify the influence of culture on human expression and analyze cultural and gender diversity in humans.

Degree: AA-T - Journalism - A0400	Students will create and/or analyze content in diverse settings.
Degree: AA-T - Journalism - A0400	Students will critically and ethically evaluate and apply functions of the mass media.
Degree: AA-T - Music - A0347	Students will demonstrate proficiency in the analysis and composition of tonal music.
Degree: AA-T - Music - A0347	Students will demonstrate proficiency in the dictation and sight singing of tonal music
Degree: AA-T - Music - A0347	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.
Degree: AA-T - Philosophy	1) Students will recognize and respect the beliefs, opinions, and values of other individuals and cultures. 2) Students will demonstrate an awareness of personal, social, civic, and environmental responsibility.
Degree: AA-T - Philosophy	Students will be able to identify, evaluate, and engage textual and other sources for philosophical issues and draw conclusions based on analyses of that research.
Degree: AA-T - Philosophy	Students will be able to use philosophical methods, assumptions, and theories to analyze ideas, positions and situations in contemporary times.
Degree: AA-T - Philosophy	When given a philosophical question, students will be able to determine the soundness of an argument based on criteria for evaluating the argument.
Degree: AA-T - Political Science - A0345	Analyze the relationships between governments globally.
Degree: AA-T - Political Science - A0345	Compare and contrast major theoretical perspectives in Political Science.
Degree: AA-T - Political Science - A0345	Compare and contrast the institutions and processes of governments around the world.
Degree: AA-T - Political Science - A0345	Explain political institutions and processes of the United States government.
Degree: AA-T - Political Science - A0345	Identify research and statistical methods appropriate to Political Science.
Degree: AA-T - Political Science - A0345	Students will analyze the relationship between social, political, and/or economic institutions and human behavior.
Degree: AA-T - Psychology - A0324	Apply scientific reasoning and psychological concepts to the understanding of personal experiences and observations.
Degree: AA-T - Psychology - A0324	Apply the basic research methods of psychology, including research design, data analysis, and interpretation to the investigation of behavior.
Degree: AA-T - Psychology - A0324	Describe the process of answering psychological questions from a scientific perspective.
Degree: AA-T - Psychology - A0324	Discuss the theoretical perspectives that inform the field of psychology.
Degree: AA-T - Psychology - A0324	Explain the biological processes that underlie behavior and experience.
Degree: AA-T - Psychology - A0324	Upon successful completion of this program, the student will be able to matriculate to a Bachelor's program in psychology or a related discipline.
Degree: AA-T - Social Justice - A0669	Apply a social justice framework to assess how race, class, gender, sexual orientation, citizenship status, ability and age affect access to a societal resources and opportunities for advancement.
Degree: AA-T - Social Justice - A0669	Identify and practice the methods used to advocate for social justice at local, national, and international levels.
Degree: AA-T - Social Justice - A0669	Make theoretically-informed evaluations of the basic dimensions of social justice and social change.
Degree: AA-T - Sociology	Students will be able to apply a sociological understanding and practical use of research studies to assess how social forces shape, guide and influence individual and group behavior.
Degree: AA-T - Sociology	Students will be able to identify research methods, interpret and evaluate sociological research studies.
Degree: AA-T - Sociology	Students will be able to identify the interplay between race, class, gender, sexuality, and other social groups.
Degree: AA-T - Sociology	Students will be able to make theoretically-informed evaluations of the basic dimensions of social inequalities and social change.

Degree: AA-T - Sociology	Students will demonstrate an awareness of personal, social, civic, and environmental responsibility.
Degree: AA-T - Sociology	Students will recognize and respect the beliefs, opinions, and values of other individuals and cultures.
Degree: AA-T - Studio Arts - A0395	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 - Studio Arts - A0395	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 - Studio Arts - A0395	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.
Degree: AA-T - Theater Arts - A0346	Students will demonstrate competency in basic script analysis, applying those skills as a performer or technician in a live theatrical presentation.
Degree: AA-T - Theater Arts - A0346	To determine the level of interest among our students in receiving the AA-T in Theater Degree, and to find ways to increase interest.
Degree: AA-T - Theater Arts - A0346	Upon successful completion of this program the student will be able to demonstrate the ability to apply historical, cultural, and global contexts to the analyzing, evaluation, and production of theatrical works.
Degree: AA-T - Theater Arts - A0346	Upon the successful completion of this program, the student will be able to demonstrate the ability to critically analyze and evaluate the various elements of live theatrical productions.
Degree: AA-T - Theater Arts - A0346	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.
Degree: AA-T - Theater Arts - A0346	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.
Degree: AA-T - Theater Arts - A0346	Upon the successful completion of this program, the student will demonstrate effective collaboration skills in the creation of live theatre performance.
Degree: AS - Accounting - S0502	I am able to describe the basic accounting system and how it is used to serve business needs
Degree: AS - Accounting - S0502	I am able to Interpret the statements and reports that emerge from the accounting process.
Degree: AS - Accounting - S0502	I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States
Degree: AS - Administrative Assistant - S0514	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 - Administrative Assistant - S0514	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.
Degree: AS - Administrative Assistant - S0514	Students earning an Administrative Assistant Degree will be able to effectively use formulas and functions in worksheets.
Degree: AS - Administrative Assistant - S0514	Students earning an Administrative Assistant Degree will be able to use correct finger placement to keyboard at a rate of 30 words per minute on a 3-minute timed writing.
Degree: AS - Agricultural Science and Technology - S0853	Students completing the degree will be able to give a professional quality oral presentation
Degree: AS - Agricultural Science and Technology - S0853	Students completing the Agri-Technology Degree will be able to demonstrate an understanding of the interdependence of world agriculture systems.
Degree: AS - Agricultural Science and Technology - S0853	Students completing the degree will demonstrate professional conduct in the industry.
Degree: AS - Animation - S1006	Students will create a digital portfolio containing a variety of animation or game-related content based on the specialization that they had chosen in the program, demonstrating a clear understanding of the crafts involved within.

Degree: AS - Animation - S1006	Students will select and organize a sample of files containing 2D animations that they had developed in the program, demonstrating a clear understanding of the craft.
Degree: AS - Animation - S1006	Students will select and organize a sample of files containing 3D animations that they had developed in the program, demonstrating a clear understanding of the craft.
Degree: AS - Animation - S1006	Students will select and organize a sample of files containing 3D objects that they had developed in the program, demonstrating a clear understanding of the craft.
Degree: AS - Animation - S1006	Students will select and organize a sample of files containing digital games that they had developed in the program, demonstrating a clear understanding of the craft.
Degree: AS - Animation - S1006	Students will select and organize a sample of files containing storyboards that they had developed in the program, demonstrating a clear understanding of the craft.
Degree: AS - Applied Laboratory Science Technology - S0307	Students will be able to perform entry-level chemical technician duties such as chemical quality control, chemical process control, water quality and R&D.
Degree: AS - Applied Laboratory Science Technology - S0307	Students will be able to troubleshoot experimental designs and outcomes.
Degree: AS - Applied Laboratory Science Technology - S0307	Students will use critical thinking to analyze and solve problems.
Degree: AS - Artificial Intelligence for Business - S0844	Students completing this associate degree will use different machine learning algorithms, deep learning prediction models, and natural language processing techniques to make effective business decisions.
Degree: AS - Big Data Analytics - S0845	Students will learn about processing, integrating, modeling, mining, and analytics related to Big Data. Students will use frameworks, tools, services, and programming languages to analyze data.
Degree: AS - Big Data Analytics - S0845	Students will learn how to make business decisions based upon the analysis of large amounts of data.
Degree: AS - Business - Management - S0506	I am able to apply management concepts and functions
Degree: AS - Business - Management - S0506	I am able to identify how governments influence trade
Degree: AS - Business - Management - S0506	I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States
Degree: AS - Business - Retail Management - S0509	I am able to apply management concepts and functions
Degree: AS - Business - Retail Management - S0509	I am able to define organizational culture, socialization and mentoring
Degree: AS - Business - Retail Management - S0509	I am able to explain theory and practical application of Equal Employment Opportunity current employment laws
Degree: AS - Child Development - S1315	Students completing the Child Development Degree (S1315) will be able to apply effective guidance and interaction strategies that support all children's social learning, identity and self-confidence.
Degree: AS - Child Development - S1315	Students completing the Child Development Degree (S1315) will be able to evaluate Early care and Education Program regulations, standards, policies according to Title 22 California.
Degree: AS - Child Development - S1315	Students completing the Child Development Degree (S1315) will be able to identify and conduct themselves as professional, ethical members of the early childhood profession. They are life-long , collaborative learners who continue to broaden their knowledge and skills, remain informed about child development issues, and are informed advocates for sound educational practices and policies.
Degree: AS - Child Development - S1315	Students completing the Child Development Degree (S1315) will be grounded in Child Development knowledge(theory) and use their understanding of young children and their needs to create environments that are healthy, respectful, supportive and challenging for each child.
Degree: AS - Child Development - S1315	Students completing the Child Development Degree (S1315) will understand and use a wide array of developmentally appropriate approaches, instructional strategies, and tools to connect with children and families and positively influence each child's development and learning.
Degree: AS - Child Development - S1315	Students completing the Child Development Degree (S1315) will understand that child observation, documentation and other forms of assessment are central to the practices of all early childhood professionals. Students use systematic observations, documentation, and other effective assessment strategies to positively influence the development of every child.

Degree: AS - Child Development - S1315	Students completing the Child Development Degree (S1315) will understand that successful programs depends upon partnerships with children's families and communities. They use this understanding to create respectful, reciprocal relationships that support and empower families and to involve all families in their children's development and learning.
Degree: AS - Child Development - S1315	Students completing the Child Development Degree (S1315) will understand the importance of developmental domains and academic content areas. Students use their knowledge and other resources to design, implement, and evaluate meaningful challenging curricula and environments that promotes comprehensive developmental learning outcomes for every child.
Degree: AS - Computer Network Administration and Security Management - S0701	Students completing AS Degree: Computer Network Administration and Security Management (S0701) will be able to configure and install a firewall.
Degree: AS - Computer Network Administration and Security Management - S0701	Students completing Degree: AS - Computer Network Administration and Security Management (S0701) will be able implement a secured translation for service hosting through firewall.
Degree: AS - Computer Programming S7302	Students completing the Computer Programming Degree (S7302) will be able to display data from related database tables.
Degree: AS - Computer Programming S7302	Students completing the Computer Programming Degree (S7302) will be able to update a SQL Server database.
Degree: AS - Database Management Systems - S0706	Student completing the Database Management Systems Degree (S0706) degree will understand exception handling and know how to take the actions when exceptions are raised.
Degree: AS - Database Management Systems - S0706	Students completing the Database Management Systems Degree (S0706) will be able to understand functions for simplifying daily database tasks.
Degree: AS - Database Management Systems - S0706	Students completing the Database Management Systems Degree (S0706) will be able to apply normalization rules to database design.
Degree: AS - Database Management Systems - S0706	Students completing the Database Management Systems Degree (S0706) will be able to create a program using script and stored procedure.
Degree: AS - Educational Paraprofessional - S0375	Students completing the AS Educational Paraprofessional Degree (S0375) will be grounded in Child Development theory and knowledge and use their understanding of young children and their needs to create environments that are healthy, respectful, supportive and challenging for each child.
Degree: AS - Educational Paraprofessional - S0375	Students completing the AS Educational Paraprofessional Degree (S0375) will have an understanding of the respective roles and responsibilities of licensed staff (teachers, administrators, education specialists, etc.) in supporting students and collaborating with each other.
Degree: AS - Educational Paraprofessional - S0375	Students completing the AS Educational Paraprofessional Degree (S0375) will Identify and implement a variety of developmentally appropriate pedagogical techniques and classroom management strategies to meet the needs of all learners.
Degree: AS - Equipment Technology - S0118	Students completing the degree will be able to give a professional quality oral presentation
Degree: AS - Equipment Technology - S0118	Students completing the degree will be proficient in engine disassembly, evaluation of components, and reassembly of small air-cooled gasoline engine
Degree: AS - Equipment Technology - S0118	Students completing the degree will demonstrate professional conduct in the industry.
Degree: AS - Equipment Technology - S0118	Students completing the Equipment Technology Degree will be able to demonstrate fundamentals of operating tractors and equipment covered in class
Degree: AS - Fashion Design & Technologies - S1320	Students completing the Fashion Design and Technologies Associate of Arts Degree will be able to create an apparel collection including textile designs and flats (technical drawings) pursuant to apparel industry standards.
Degree: AS - Fashion Design & Technologies - S1320	Students completing the Fashion Design and Technologies Degree will be able to develop an apparel collection and portfolio including technical drawings, fabric selection, CAD illustrations, spec sheets, and tech pack throughout their FASH 23 capstone course.

Degree: AS - Fashion Design & Technologies - S1320	Students who complete the Fashion Design and Technologies Associate of Arts Degree will be able to demonstrate their understanding of the fashion industry trend research process.
Degree: AS - Fashion Merchandising - S1308	Students completing the Fashion Merchandising Level II Certificate will be able to solve retail math calculations based on retail scenarios and develop merchandise buying plans throughout their FASH 62 capstone course.
Degree: AS - Fashion Merchandising - S1308	Students who complete the Fashion Merchandising Associate of Arts Degree will be able to demonstrate their understanding of the fashion industry trend research process.
Degree: AS - Fashion Merchandising - S1308	Students who complete the Fashion Merchandising Degree will be able to analyze the marketing and promotional techniques of fashion and apparel companies.
Degree: AS - General Business - S0501	I am able to apply management concepts and functions
Degree: AS - General Business - S0501	I am able to describe the basic accounting system and how it is used to serve business needs
Degree: AS - General Business - S0501	I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States
Degree: AS - Histologic Technician Training - S1211	American Society for Clinical Pathology (ASCP) Certification Exam – Graduates, taking the ASCP exam within one year of graduation, will pass the ASCP Certification Exam on the first attempt.
Degree: AS - Histologic Technician Training - S1211	American Society for Clinical Pathology (ASCP) Certification Exam – Graduates, taking the ASCP exam within one year of graduation, will score at least 400 on each subtest category
Degree: AS - Histologic Technician Training - S1211	Graduates will be employed as Histotechnicians
Degree: AS - Histologic Technician Training - S1211	Students will graduate from the Histologic Technician program.
Degree: AS - Horse Ranch Management - S0102	Students completing the Horse Ranch Management degree will be able to design a comprehensive production/business plan for various horse-related activities
Degree: AS - Horse Ranch Management - S0102	Students completing the Horse Ranch Management Degree will be able to obtain an entry-level position in the horse industry
Degree: AS - Horse Ranch Management - S0102	Students completing the Horse Ranch Management degree will demonstrate professional conduct in the industry
Degree: AS - Hospitality and Restaurant Mgmt - S1307	Conduct an employee: interview, performance evaluation, and apply effective discipline techniques.
Degree: AS - Hospitality and Restaurant Mgmt - S1307	Identify foodborne pathogen, their sources, and resulting illnesses, and symptoms.
Degree: AS - Hospitality and Restaurant Mgmt - S1307	Locate a current hospitality job, write a report on the prospective employer, write a cover letter and resume.
Degree: AS - Hospitality and Restaurant Mgmt - S1307	Plan a food production schedule and assemble the tools, equipment, and ingredients required to produce a recipe in an organized and efficient manner.
Degree: AS - Hospitality and Restaurant Mgmt - S1307	Students will be able to analyze a civil case related to the hospitality industry and determine the facts, elements of negligence, possible consequences and outcomes
Degree: AS - Hospitality and Restaurant Mgmt - S1307	Students will be able to conduct break-even analysis on a food & beverage facility and conduct cost volume analysis to determine number of customers required to attain desired profits.
Degree: AS - Hospitality and Restaurant Mgmt - S1307	Students will be able to develop an Income (P&L) Statement for a hospitality operation.
Degree: AS - Hospitality and Restaurant Mgmt - S1307	Students will be able to differentiate between the various styles of service including: American (Pre-plated), English (Family), Russian (Platter), French (Gueridon).
Degree: AS - Hospitality and Restaurant Mgmt - S1307	Students will be able to establish room rates based on desired profits using the Hubbart formula.
Degree: AS - Hospitality and Restaurant Mgmt - S1307	Students will be able to identify staffing needs for a hotel Front Desk based on occupancy, level of activity, and budget constraints.
Degree: AS - Human Resources Mgmt - S0530	I am able to apply management concepts and functions
Degree: AS - Human Resources Mgmt - S0530	I am able to compose an appropriate, effective letter presenting good news, bad news, sales, or persuasive content

Degree: AS - Human Resources Mgmt - S0530	I am able to explain theory and practical application of Equal Employment Opportunity current employment laws
Degree: AS - Integrated Pest Management - S0311	Degree completers will be able to formulate and implement a complete Integrated Pest Management program for a specific site.
Degree: AS - Integrated Pest Management - S0311	Students completing the degree will be able to give a professional quality oral presentation
Degree: AS - Integrated Pest Management - S0311	Students completing the degree will be technically proficient.
Degree: AS - Integrated Pest Management - S0311	Students completing the degree will demonstrate professional conduct in the industry.
Degree: AS - Interior Design - Kitchen and Bath Design - S1302	Students will successfully demonstrate craftsmanship skills in the presentation of the final project.
Degree: AS - Interior Design - Kitchen and Bath Design - S1302	Students will successfully design a kitchen based NKBA standards.
Degree: AS - Interior Design - Kitchen and Bath Design - S1302	Students will successfully meet program requirements.
Degree: AS - Interior Design S1301	Students will successfully design a space based on a concept.
Degree: AS - Interior Design S1301	Students will successfully demonstrate craftsmanship skills in the presentation of a space.
Degree: AS - Interior Design S1301	Students will successfully design a kitchen based NKBA standards.
Degree: AS - Interior Design S1301	Students will successfully meet program requirements.
Degree: AS - International Business - S0507	I am able to describe business planning for small business
Degree: AS - International Business - S0507	I am able to explain how a small business can prepare to conduct export operations
Degree: AS - International Business - S0507	I am able to identify how governments influence trade
Degree: AS - Livestock Management - S0103	Completers of this degree can successfully transfer to the CSU and UC system.
Degree: AS - Livestock Management - S0103	Completers of this program will address animals welfare requirements when designing and implementing a livestock management system.
Degree: AS - Livestock Management - S0103	Students the Livestock Management degree will be able to design a comprehensive production/business plan for various livestock species
Degree: AS - Marketing Management - S0510	I am able to list and explain the foundations upon which business is built and the economic challenges facing the United States
Degree: AS - Marketing Management - S0510	I am able to list the characteristics of a successful salesperson.
Degree: AS - Marketing Management - S0510	I have developed a working knowledge of marketing terminology
Degree: AS - Ornamental Horticulture - S0119	Students completing the degree will be able to give a professional quality oral presentation
Degree: AS - Ornamental Horticulture - S0119	Students completing the degree will be technically proficient.
Degree: AS - Ornamental Horticulture - S0119	Students completing the degree will demonstrate professional conduct in the industry.
Degree: AS - Paralegal/Legal Assistant - S0310	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.
Degree: AS - Paralegal/Legal Assistant - S0310	Students completing the Paralegal / Legal Assistant Degree (S0310) will have earned LexisAdvance certification for paralegals.
Degree: AS - Paralegal/Legal Assistant - S0310	Students completing the Paralegal / Legal Assistant Degree (S0310) will have earned Westlaw certification for paralegals.
Degree: AS - Paralegal/Legal Assistant - S0310	Students completing the Paralegal / Legal Assistant Degree (S0310) will have increased their confidence in basic paralegal skills.
Degree: AS - Paralegal/Legal Assistant - S0310	The department needs funding for cohort tutors and reassigned time in an amount not less than six LHE annually for the cohort coordinator to continue to bolster student success.
Degree: AS - Park and Sports Turf Management - S0116	Degree completers will be able to formulate and propose an all-inclusive management program for a sports turf area
Degree: AS - Park and Sports Turf Management - S0116	Students completing the degree will be able to give a professional quality oral presentation
Degree: AS - Park and Sports Turf Management - S0116	Students completing the degree will demonstrate professional conduct in the industry.
Degree: AS - Park and Sports Turf Management - S0116	Students Completing the Park and Sports Turf Management Degree will be able to identify common landscape trees and shrubs.

Degree: AS - Park and Sports Turf Management - S0116	Students completing this degree will be able to demonstrate proper pruning skills for pruning woody trees and shrubs.
Degree: AS - Photography - S1002	Assess learning modality preferences using previous Core Skill SLO's. (09-10) (10-11)
Degree: AS - Photography - S1002	Assess learning modality preferences using previous Core Skill SLO's. (09-10) (10-11) (11-12)
Degree: AS - Photography - S1002	Students in Photography will know two core skills of exposure control, i.e. f/stop and shutter control. (07-08)(09-10) (10-11) (11-12)
Degree: AS - Photography - S1002	Students will create a portfolio of 20-25 pieces.
Degree: AS - Radio Broadcasting: Behind the Scenes - S0606	Students will feel they have the skills required to obtain an entry-level behind-the-scenes job in the entertainment industry.
Degree: AS - Radio Broadcasting: On the Air - S0605	Operate the studio equipment required for a live radio broadcast
Degree: AS - Radio Broadcasting: On the Air - S0605	Plan, set-up and perform a radio station remote as an on-air personality
Degree: AS - Radio Broadcasting: On the Air - S0605	Students will feel they have the skills required to obtain an entry-level behind-the-scenes job in the entertainment industry.
Degree: AS - Radio Broadcasting: On the Air - S0605	Use social media during a live radio show to engage with the audience
Degree: AS - Radio Broadcasting: On the Air - S0605	Use the studio equipment to record and edit a pre-recorded piece
Degree: AS - Radio Broadcasting: On the Air - S0605	Work as a DJ or newscaster on a commercial radio station.
Degree: AS - Real Estate - S0512	Students completing the Real Estate Degree (S0512) will meet the minimum qualifications to take and pass the California Department of Real Estate Exam.
Degree: AS - Real Estate - S0512	Students completing this comprehensive exam will earn at least an average of 70% as a whole per semester.
Degree: AS - Registered Veterinary Technology - S0105	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.
Degree: AS - Registered Veterinary Technology - S0105	Students completing the Associates of Science Degree in Registered Veterinary Technology will be able to successfully pass the Veterinary Technician's National Exam (VTNE).
Degree: AS - Registered Veterinary Technology - S0105	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
Degree: AS - Sign Language/Interpreting - S0801	Upon successful completion of this program, a student will be able to: Demonstrate a professional disposition: equity mindedness, ethical decision making, interpersonal skills, lifelong learning, and world knowledge
Degree: AS - Sign Language/Interpreting - S0801	Upon successful completion of this program, a student will be able to: Interpret languages and cultures among diverse signing and non-signing populations
Degree: AS - Sign Language/Interpreting - S0801	Upon successful completion of this program, a student will be able to: Use the foundation of acquired knowledge and skills to find potential transfer and internship opportunities
Degree: AS - Small Business Management - S0508	I am able to define and outline the key principles of continuous quality management
Degree: AS - Small Business Management - S0508	I am able to describe business planning for small business
Degree: AS - Small Business Management - S0508	I have developed a working knowledge of marketing terminology

Degree: AS - Television Production - S0602	<p>R-TV 19B Advanced Video Production:</p> <p>A-Student is to hold a production position according to a declared emphasis by the student.</p> <p>a. Emphasis Film Production: Director, 1st AD, Script Supervisor, Director of Photography, Picture editor, Assistant Editor or Production sound mixer.</p> <p>B-Method of Assessment:</p> <p>a. Rubrics specific to the roles and responsibilities of the positions indicated above.</p> <p>i. Demonstration of skills during practical production assignment(s).</p> <p>ii. Testing of knowledge base required for each discipline.</p> <p>R-TV 100 Work experience in Film and Television.</p> <p>A-Student is to hold a production position according to a declared emphasis by the student.</p> <p>a. Emphasis Film Production: Director, 1st AD, Script Supervisor, Director of Photography, Picture editor, Assistant Editor or Production sound mixer.</p> <p>b. Emphasis Television Production: Director, Associate Director, Technical Director, Camera Operator, Video Control Operator, Audio mixer (A-1), Playback operator.</p> <p>B-Method of Assessment:</p> <p>a. Rubrics specific to the roles and responsibilities of the positions indicated above.</p> <p>i. Demonstration of skills during practical production assignment(s).</p> <p>ii. Testing of knowledge base required for each discipline referenced to prior course work of study.</p> <p>b. Crafting a video portfolio with examples of their body of work for the semester to be used in obtaining internship with external company partners.</p>
Degree: AS - Television Production - S0602	Apply aesthetic and technical skills in telling a story visually.
Degree: AS - Television Production - S0602	Function in three types of production: Narrative (film-style), TV Studio, and live Remote Multicamera production in any role.
Degree: AS - Television Production - S0602	Present an ePortfolio containing video and written work to prospective employers, universities and scholarship committees.
Degree: AS - Television Production - S0602	RTV program students will feel that they have an increased possession of the skills required for entry-level work in the entertainment industry.
Degree: AS - Television Production - S0602	Use Avid Media Composer to the level necessary for an editing internship.
Degree: AS - Television Production - S0602	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 - Agriculture Plant Science - S0847	Students completing the degree will be technically proficient.
Degree: AS-T - Agriculture Plant Science - S0847	Students completing the degree will demonstrate professional conduct in the industry.
Degree: AS-T - Child Development - S0401	Students completing AS-T in Child Development Degree (S0401) will understand and use a wide array of developmentally appropriate approaches, instructional strategies, and tools to connect with children and families and positively influence each child's development and learning.

Degree: AS-T - Child Development - S0401	Students completing AS-T in Child Development Degree (S0401) will understand that child observation, documentation and other forms of assessment are central to the practices of all early childhood professionals. Students use systematic observations, documentation, and other effective assessment strategies to positively influence the development of every child.
Degree: AS-T - Child Development - S0401	Students completing AS-T in Child Development Degree (S0401) will understand that successful programs depends upon partnerships with children's families and communities. They use this understanding to create respectful, reciprocal relationships that support and empower families and to involve all families in their children's development and learning.
Degree: AS-T - Mathematics - S0333	Develop ability to effectively use numbers and other abstract representations of real world phenomenon and conceptual ideas.
Degree: AS-T - Mathematics - S0333	Develop techniques to analyze and interpret data.
Degree: AS-T - Mathematics - S0333	Model real world phenomenon using mathematical equations.
Degree: AS-T - Mathematics - S0333	Translate real world phenomena and conceptual ideas into mathematical symbols and equations.
Degree: AS-T - Mathematics - S0333	Use mathematical tools to effectively communicate outcomes of experiments and describe the nature of real world phenomenon and conceptual ideas.
Degree: AS-T - Mathematics - S0333	Use mathematical tools to manipulate, simplify, and transform mathematical expressions.
Degree: AS-T - Nutrition and Dietetics - S0422	Students choosing to complete the NF20 course will meet the Nutrition and Dietetics Degree (AS-T Degree S0422) requirement and will demonstrate proficiency in practical skills, such as using kitchen equipment properly and demonstrating proficiency in appropriate technology.
Degree: AS-T - Nutrition and Dietetics - S0422	Students choosing to complete the NF28 course will meet the Nutrition and Dietetics Degree (AS-T Degree S0422) requirements and will be able to analyze how food is used culturally and symbolically in holiday and religious ceremonies throughout the world.
Degree: AS-T - Nutrition and Dietetics - S0422	Students completing the Nutrition and Dietetics Degree (AS-T Degree - S0422) will be able to demonstrate meaningful self-evaluation of their current food choices related to increasing their lifelong personal wellbeing. NF25 and NF25H data will be pooled.
Electronics & Computer Technology Certificate: Computer and Networking Technology - Level I - N0478	Apply knowledge of computer technology, with an emphasis on hardware, to the development and deployment of complete computer networks.
Electronics & Computer Technology Certificate: Computer and Networking Technology - Level I - N0478	Apply knowledge of computers and their components to the development and implementation of interconnected systems of computers.
Electronics & Computer Technology Certificate: Computer and Networking Technology - Level I - N0478	Apply knowledge of fundamental electronics principles, including voltage, current, and signal levels, to the analysis and troubleshooting of computers and data-communications networks.
Electronics & Computer Technology Certificate: Computer and Networking Technology - Level I - N0478	Articulate knowledge of the CompTIA certification processes, including potential exam content, philosophy, and test taking and study strategies.
Electronics & Computer Technology Certificate: Computer and Networking Technology - Level I - N0478	Function effectively as a member of a technical team including documenting work, writing clearly and appropriately in an Information Technology context, respecting user data, and considering the ethical consequences of decisions.
Electronics & Computer Technology Certificate: Computer and Networking Technology - Level I - N0478	Students completing the CNET level 1 certificate will be able to employ polar and/or rectangular notation to determine the magnitude and phase shift of an unknown circuit parameter (voltage, current, impedance, and/or power).
Electronics & Computer Technology Certificate: Computer and Networking Technology - Level II - T0726	Apply knowledge of computer technology, with an emphasis on hardware, to the development and deployment of complete computer networks.
Electronics & Computer Technology Certificate: Computer and Networking Technology - Level II - T0726	Apply knowledge of computers and their components to the development and implementation of interconnected systems of computers.
Electronics & Computer Technology Certificate: Computer and Networking Technology - Level II - T0726	Apply knowledge of fundamental electronics principles, including voltage, current, and signal levels, to the analysis and troubleshooting of computers and data-communications networks.
Electronics & Computer Technology Certificate: Computer and Networking Technology - Level II - T0726	Articulate knowledge of the CompTIA certification processes, including potential exam content, philosophy, and test taking and study strategies.

Electronics & Computer Technology Certificate: Computer and Networking Technology - Level II - T0726	Demonstrate an understanding of the physical and logical characteristics needed to support and secure network and server environments.
Electronics & Computer Technology Certificate: Computer and Networking Technology - Level II - T0726	Function effectively as a member of a technical team including documenting work, writing clearly and appropriately in an Information Technology context, respecting user data, and considering the ethical consequences of decisions.
Electronics & Computer Technology Certificate: Computer and Networking Technology - Level II - T0726	Students completing the CNET level 2 certificate will be able to employ polar and/or rectangular notation to determine the magnitude and phase shift of an unknown circuit parameter (voltage, current, impedance, and/or power).
Electronics & Computer Technology Certificate: Digital Systems Technology - T0438	Communicate, both verbally and in writing, knowledge of electrical concepts and their application to the observed behaviors of circuits and systems.
Electronics & Computer Technology Certificate: Digital Systems Technology - T0438	Demonstrate proper use of electronic test equipment and associate measurement results with circuit behaviors in the laboratory.
Electronics & Computer Technology Certificate: Digital Systems Technology - T0438	In advanced courses, connect concepts learned in introductory courses to more general principles applicable in the employment context.
Electronics & Computer Technology Certificate: Digital Systems Technology - T0438	Quantitatively determine unknown electrical parameters from given or measured values and use these results to assess or troubleshoot faults in circuit and system operation.
Electronics & Computer Technology Certificate: Digital Systems Technology - T0438	Students completing the computer systems technology certificate will be able to employ polar and/or rectangular notation to determine the magnitude and phase shift of an unknown circuit parameter (voltage, current, impedance, and/or power).
Electronics & Computer Technology Certificate: Electronic Assembly and Fabrication - E0929	Students completing this program will demonstrate the ability to capture a schematic and render a printed circuit board phototool from an instructor-supplied list of component requirements.
Electronics & Computer Technology Certificate: Electronic Assembly and Fabrication - E0929	We are using SLO assessment from ELEC 10 to be used as PLO for this program: Students will demonstrate proficiency in the assembly and programming of an electromechanical system
Electronics & Computer Technology Certificate: Electronics and Computer - Engineering Technology - T0906	Apply knowledge of electronic principles to the areas of communications, industrial electronics, and microcontrollers.
Electronics & Computer Technology Certificate: Electronics and Computer - Engineering Technology - T0906	Communicate, both verbally and in writing, knowledge of electrical concepts and their application to the observed behaviors of circuits and systems.
Electronics & Computer Technology Certificate: Electronics and Computer - Engineering Technology - T0906	Demonstrate proper use of electronic test equipment and associate measurement results with circuit behaviors in the laboratory.
Electronics & Computer Technology Certificate: Electronics and Computer - Engineering Technology - T0906	In advanced courses, connect concepts learned in introductory courses to more general principles applicable in the employment context.
Electronics & Computer Technology Certificate: Electronics and Computer - Engineering Technology - T0906	Quantitatively determine unknown electrical parameters from given or measured values and use these results to assess or troubleshoot faults in circuit and system operation.
Electronics & Computer Technology Certificate: Electronics Communications - T0904	Communicate, both verbally and in writing, knowledge of electrical concepts and their application to the observed behaviors of circuits and systems.
Electronics & Computer Technology Certificate: Electronics Communications - T0904	Demonstrate proper use of electronic test equipment and associate measurement results with circuit behaviors in the laboratory.
Electronics & Computer Technology Certificate: Electronics Communications - T0904	In advanced courses, connect concepts learned in introductory courses to more general principles applicable in the employment context.
Electronics & Computer Technology Certificate: Electronics Communications - T0904	Program completers will be able to employ polar and/or rectangular notation to determine the magnitude and phase shift of an unknown circuit parameter (voltage, current, impedance, and/or power).
Electronics & Computer Technology Certificate: Electronics Communications - T0904	Quantitatively determine unknown electrical parameters from given or measured values and use these results to assess or troubleshoot faults in circuit and system operation.

Electronics & Computer Technology Certificate: Electronics Technology - Level 1 - M0679	There are only 2 reasons for the existence of a level 1 certificate. The first is so that those who decide not to go on with the program have something to show for the classwork they did complete. The second is for those who go on to complete other certificates. For that second group of students, the level 1 certificate becomes meaningless once they achieve the level 2 certificate or higher. So if that second group of students don't obtain that certificate prior to completing the higher certificates, they are not worth applying for. The idea is that students who get the level 1 certificate can use it to put on their resume in order to get a job in the mean time while they are working on their higher level certificates. The goal of this PLO is to see if students who completed the last, ELEC 56, in this series of 3 classes, went on to obtain the certificate, within 3 months of completing the ELEC 56 class. Further study will show if they then went on to use that certificate to obtain a job that they otherwise could not have gotten with the certificate. Our goal is to get 90% of students who completing ELEC 56 obtain the certificate within 3 months of completing the class.
Electronics & Computer Technology Certificate: Electronics Technology - Level 2 - N0680	There are only 2 reasons for the existence of a level 2 certificate. The first is so that those who decide not to go on with the program have something to show for the classwork they did complete. The second is for those who go on to complete other certificates. For that second group of students, the level 2 certificate becomes meaningless once they achieve the level 3 certificate or higher. So if that second group of students don't obtain that certificate prior to completing the higher certificates, they are not worth applying for. The idea is that students who get the level 2 certificate can use it to put on their resume in order to get a job in the mean time while they are working on their higher level certificates. The goal of this PLO is to see if students apply for this level 2 certificate at least 1 semester prior to completing any higher certificate. Data for those who never completed a higher certificate will be considered successful in that that group of students obtained something before leaving our program. Our goal is to get 90% of students apply for the level 2 certificate at least one semester prior to obtaining a higher level certificate.
Electronics & Computer Technology Certificate: Electronics Technology - N0480	Communicate, both verbally and in writing, knowledge of electrical concepts and their application to the observed behaviors of circuits and systems.
Electronics & Computer Technology Certificate: Electronics Technology - N0480	Demonstrate proper use of electronic test equipment and associate measurement results with circuit behaviors in the laboratory.
Electronics & Computer Technology Certificate: Electronics Technology - N0480	Program Completers will be able to employ polar and/or rectangular notation to determine the magnitude and phase shift of an unknown circuit parameter (voltage, current, impedance, and/or power).
Electronics & Computer Technology Certificate: Electronics Technology - N0480	Quantitatively determine unknown electrical parameters from given or measured values and use these results to assess or troubleshoot faults in circuit and system operation.
Electronics & Computer Technology Certificate: Electronics: Industrial Systems - T0908	Communicate, both verbally and in writing, knowledge of electrical concepts and their application to the observed behaviors of circuits and systems.
Electronics & Computer Technology Certificate: Electronics: Industrial Systems - T0908	Demonstrate proper use of electronic test equipment and associate measurement results with circuit behaviors in the laboratory.
Electronics & Computer Technology Certificate: Electronics: Industrial Systems - T0908	In advanced courses, connect concepts learned in introductory courses to more general principles applicable in the employment context.
Electronics & Computer Technology Certificate: Electronics: Industrial Systems - T0908	Program completers will be able to employ polar and/or rectangular notation to determine the magnitude and phase shift of an unknown circuit parameter (voltage, current, impedance, and/or power).
Electronics & Computer Technology Certificate: Electronics: Industrial Systems - T0908	Quantitatively determine unknown electrical parameters from given or measured values and use these results to assess or troubleshoot faults in circuit and system operation.
Electronics & Computer Technology Degree: AS - Computer and Networking Technology - S0725	Apply knowledge of computer technology, with an emphasis on hardware, to the development and deployment of complete computer networks.

Electronics & Computer Technology Degree: AS - Computer and Networking Technology - S0725	Apply knowledge of computers and their components to the development and implementation of interconnected systems of computers.
Electronics & Computer Technology Degree: AS - Computer and Networking Technology - S0725	Apply knowledge of fundamental electronics principles, including voltage, current, and signal levels, to the analysis and troubleshooting of computers and data-communications networks.
Electronics & Computer Technology Degree: AS - Computer and Networking Technology - S0725	Articulate knowledge of the CompTIA certification processes, including potential exam content, philosophy, and test taking and study strategies.
Electronics & Computer Technology Degree: AS - Computer and Networking Technology - S0725	Demonstrate an understanding of the physical and logical characteristics needed to support and secure network and server environments.
Electronics & Computer Technology Degree: AS - Computer and Networking Technology - S0725	Function effectively as a member of a technical team including documenting work, writing clearly and appropriately in an Information Technology context, respecting user data, and considering the ethical consequences of decisions.
Electronics & Computer Technology Degree: AS - Electronics and Computer Engineering Technology - S0906	Apply knowledge of electronic principles to the areas of communications, industrial electronics, and microcontrollers.
Electronics & Computer Technology Degree: AS - Electronics and Computer Engineering Technology - S0906	Communicate, both verbally and in writing, knowledge of electrical concepts and their application to the observed behaviors of circuits and systems.
Electronics & Computer Technology Degree: AS - Electronics and Computer Engineering Technology - S0906	Demonstrate proper use of electronic test equipment and associate measurement results with circuit behaviors in the laboratory.
Electronics & Computer Technology Degree: AS - Electronics and Computer Engineering Technology - S0906	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	Quantitatively determine unknown electrical parameters from given or measured values and use these results to assess or troubleshoot faults in circuit and system operation.
Emergency Medical Services Certificate: Emergency Medical Technician - EMT 90 - E0378	Students completing certificate will be employable and seeking employment in the field or a related field
Emergency Medical Services Certificate: Emergency Medical Technician - EMT 90 - E0378	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.
Emergency Medical Services Certificate: Emergency Medical Technician - EMT 90 - E0378	Students will demonstrate EMT basic skills competency at a certification level
Emergency Medical Services Certificate: Emergency Medical Technician - Paramedic (EMT-P) - T1281	All students completing Clinical Internship will have demonstrated skills competency to State & National standards
Emergency Medical Services Certificate: Emergency Medical Technician - Paramedic (EMT-P) - T1281	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	All students completing Clinical Internship will have demonstrated skills competency to State & National standards
Emergency Medical Services Degree: AS - Emergency Medical Services - S1210	All students completing the Paramedic Program will be competent as entry-level paramedics meeting state and national expectations within the profession.
Emergency Medical Services Degree: AS - Emergency Medical Services - S1210	Program completers will be competent entry-level Paramedics that meet state and national expectations within the profession.
Emergency Medical Services Degree: AS - Emergency Medical Services - S1210	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	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.

Emergency Medical Services Degree: AS - Emergency Medical Services - S1210	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.
Fire Technology Degree: AS - Fire Technology - S2105	Program completers will be employed or seeking employment in their area or a related area
Fire Technology Degree: AS - Fire Technology - S2105	Program completers will have a working understanding of the firefighting profession and the organizational structure of fire departments.
Fire Technology Degree: AS - Fire Technology - S2105	Students will identify and communicate knowledge of fire as a chemical reaction as well as knowledge of fire behavior.
Industrial Design Engineering Certificate: Industrial Design Engineering - Level I-L0327	70% of program completers will be able to identify and demonstrate use of 2 point perspective.
Industrial Design Engineering Certificate: Industrial Design Engineering - Level I-L0327	70% of students will be able to use precision measuring instruments in both metric and imperial engineering units (decimal) with 80% or greater accuracy
Industrial Design Engineering Certificate: Industrial Design Engineering - Level I-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	70% of completers will be able to locate a milling machine to datum zero according to a provided engineering print.
Industrial Design Engineering Certificate: Industrial Design Engineering - Level II-L0329	70% of program completers will be able to create concept sketches and presentations according to established industry criteria
Industrial Design Engineering Certificate: Industrial Design Engineering - Level II-L0329	70% of program completers will be able to identify and specify an appropriate threaded fastener type, size and thread pitch for a given assembly condition.
Industrial Design Engineering Certificate: Industrial Design Engineering - Level III-T0328	70% of completers will be able to fabricate a prototype that meets proscribed specifications based on their own design development, CAD data and self-generated engineering prints
Industrial Design Engineering Certificate: Industrial Design Engineering - Level III-T0328	70% of completers will be able to source and specify purchased components and determine unit cost and cost at scale for a specified device assembly correctly 70% or more of the time.
Industrial Design Engineering Certificate: Industrial Design Engineering - Level III-T0328	70% of completers will produce a professional level portfolio or website documenting their skills and work.
Industrial Design Engineering Certificate: Industrial Design Engineering - Level III-T0328	70% of program completers will be able to use "surfacing tools" in CAD to produce 3 dimensional models with controlled compound curvature
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	70% of completers will be able to fabricate a prototype that meets proscribed specifications based on their own design development, CAD data and self-generated engineering prints
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	70% of program completers will be able to use "surfacing tools" in CAD to produce 3 dimensional models with controlled compound curvature
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Ability to construct sketch models that demonstrate application of design principles or solve an aesthetic or practical problem
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Ability to create 3D CAD models based on hand sketches, prints or measured parts
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Ability to create assembly drawings, exploded views and bills of material

Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Ability to create single part prints according to general drafting guidelines and using third angle projection.
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Ability to measure accurately using calipers; understand decimal-based engineering units, metric/ inch and fraction/ decimal conversions
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Ability to recognize and apply fundamental gestalt design concepts such as contrast, repetition, alignment, proximity, balance and similar
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Ability to use standard and mechanical mates to create functional assembly models
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Correct sketching methodology using geometric relations, origin selection based on part function and symmetry
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Develop, design and produce professional quality portfolio; make presentation using effective verbal and visual communication methods
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Layout and fabricate parts accurately using various hand and power tools and equipment
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Perform sourcing and costing research to optimize design constraints; marketing and demographic research to determine product viability and justification. Analyze existing product concepts in terms of manufacturability and materials appropriateness; propose and justify appropriate and efficient manufacturing processes and material specifications for new product concepts.
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Recognize and apply common mechanical devices such as cams, levers, bearings, gears and related devices to solve common mechanical problems
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Recognize and correctly apply 2D perspective using straight edge and by freehand sketching. Generate hand drawn and digital concept sketches and renderings
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Recognize and use harmonized color relationships and color systems such as complimentary, analogous, triads
Industrial Design Engineering Degree: AS - Industrial Design Engineering - S0331	Source and specify purchased components and determine unit cost and cost at scale for a specified device assembly
Mammography Certificate - E0398	Graduates will meet the employment demands of the medical community
Mammography Certificate - E0398	Student/Graduate will communicate effectively
Mammography Certificate - E0398	Student/Graduate will demonstrate academic and technical competence as an entry-level Mammographer
Mammography Certificate - E0398	Student/Graduate will invest in continued personal and professional growth (Active)
Mammography Certificate - E0398	Student/Graduate will model professionalism
Mammography Certificate - E0398	Student/Graduate will use critical thinking skills in both routine and non-routine clinical situations
Mammography Certificate - E0398	Students will apply accurate positioning skills and provide appropriate patient care
Mammography Certificate - E0398	Students will develop workforce readiness skills
Manufacturing Technology Certificate: Machine Operator - E0956	Demonstrate ability perform basic mill and lathe setup and operation and machine a simple industry representative component from a 2D print
Manufacturing Technology Certificate: Machine Operator - E0956	Students completing certificates will be employable or seeking employment in the field or a related field
Manufacturing Technology Certificate: Machine Operator - E0956	Students will be able to identify key safety and technical terms, and perform common techniques and skills for precision measuring, machine setup and operation required for industry success.
Manufacturing Technology Certificate: Manufacturing Technology - T0918	50% of students will be employed, employable or seeking employment in the field or a related field based on completion of one or more certificates
Manufacturing Technology Certificate: Manufacturing Technology - T0918	70% of students will be able to demonstrate application of knowledge about safe and professional manufacturing terms, concepts and skills at a professional level.

Manufacturing Technology Certificate: Manufacturing Technology - T0918	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	Demonstrate ability to create a toolpath for an industry representative part from a 2D print using CAM software
Manufacturing Technology Certificate: MasterCAM - E0927	Students completing certificate will be employable or seeking employment in the field or a related field
Manufacturing Technology Certificate: MasterCAM - E0927	Students completing the certificate will be able to create professional G-code from native or imported CAD geometry
Manufacturing Technology Certificate: Parametric Solid Modeling - E0923	50% of students will be employed, employable or seeking employment in the field or a related field based on completion of one or more certificates
Manufacturing Technology Certificate: Parametric Solid Modeling - E0923	Produce industry representative 3D models, assemblies and 2D prints using parametric CAD software according to faculty defined criteria
Manufacturing Technology Certificate: Parametric Solid Modeling - E0923	Students completing the certificate will be technically competent
Manufacturing Technology Degree: AS - Manufacturing Technology - S0918	50% of students will be employed, employable or seeking employment in the field or a related field based on completion of one or more certificates
Manufacturing Technology Degree: AS - Manufacturing Technology - S0918	Demonstrate ability to create a CAD model, 2D print or fabricate a part from a 2D print using manual or CNC methods
Manufacturing Technology Degree: AS - Manufacturing Technology - S0918	Program completers will be employed or seeking employment in their area or a related area
Manufacturing Technology Degree: AS - Manufacturing Technology - S0918	Program completers will be technically competent
Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279	"Program Summary By Content Area" data provided quarterly by the Board of Vocational Nurses and Psychiatric Technicians will be reviewed. Students falling into the top two reporting tiers (51%-75% and 76%-100% of items answered correctly) will meet the criteria for success. (Active)
Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279	Certificate completers will be technically proficient
Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279	Students completing the certificate program will demonstrate the ability to assist the treatment team, within scope of practice, to develop, implement, and evaluate treatment plans related to client's self-care needs, to safely practice as an entry-level licensed psychiatric technician.
Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279	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.
Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279	Students completing the certificate program will demonstrate the ability to support client efforts to achieve and maintain optimal mental health (including treatment plan development), within scope of practice, to successfully practice as an entry-level licensed psychiatric technician.
Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279	Students will be employed or seeking employment in the field or a related field
Mental Health / Psychiatric Technician Certificate: Mental Health Technology - Psychiatric Technician - T1279	Students will demonstrate clinical practice within scope of practice
Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208	Student successfully completing MENT 82 will demonstrate clinical practice within scope of practice
Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208	Students completing the associate degree program will demonstrate nursing skills, 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	Students completing the associate degree program will demonstrate the ability to develop and achieve entry-level professional goals.
Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208	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.
Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208	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.
Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208	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.
Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208	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.
Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208	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.
Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208	Students completing the Psychiatric Technician Associate Degree Program will be able to assist the treatment team, within scope of practice, to develop, implement, and evaluate treatment plans for individuals with mental disorders and intellectual impairment.
Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208	Students completing the Psychiatric Technician Associate Degree Program will be able to assist the treatment team, within scope of practice, to develop, implement, and evaluate treatment plans related to client's self-care skills.
Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208	Students that complete the associate degree program will be able to identify and meet the needs, within scope of practice, of the clients and staff within the therapeutic milieu in accordance with legal, ethical, and professional standards.
Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208	Students will be competent in course content to pass long multiple choice examinations
Mental Health / Psychiatric Technician Degree: AS - Mental Health Tech - Psychiatric Tech - S1208	students will report improvement in their quality of life
Nursing Certificate: LVN 30-Unit Option - Career Mobility Track - E1202	Certificate completers will be employed or seeking employment in the field or a related field
Nursing Certificate: LVN 30-Unit Option - Career Mobility Track - E1202	Certificate completers will be technically competent
Nursing Certificate: LVN 30-Unit Option - Career Mobility Track - E1202	Students will demonstrate effective geriatric patient education for a neurological / endocrine patient.
Nursing Degree: AS - Licensed Vocational Nurse to RN - S1201	100% of students entering through role transition will successfully complete the Associate Degree Nursing Program.
Nursing Degree: AS - Licensed Vocational Nurse to RN - S1201	Each student will successfully demonstrate insertion of an intravenous catheter by the end of the course.
Nursing Degree: AS - Licensed Vocational Nurse to RN - S1201	Program completers will be employed or seeking employment in the field or a related field
Nursing Degree: AS - Nursing - S1203	75% or above of nursing program completers will state they deliver safe and competent patient care as newly licensed registered nurses in the Graduate Survey.
Nursing Degree: AS - Nursing - S1203	Employers will be satisfied with the educational preparation of the Mt. SAC Nursing graduates from the Employers Survey
Nursing Degree: AS - Nursing - S1203	Program graduates taking the NCLEX exam for the 1st time will pass with a minimum of 75% per California Board of Registered Nursing Title 16 (16 CCR 1431);
Nursing Degree: AS - Nursing - S1203	Students will complete a satisfactory concept map utilizing the Betty Neuman System Model.
Nursing Degree: AS - Psychiatric Technician to RN - S1209	100% of students entering through role transition will successfully complete the Associate Degree Nursing Program.

Nursing Degree: AS - Psychiatric Technician to RN - S1209	By the end of the course, at week 5 of every semester, each student will be competent in performing a pediatric patient head to toe assessment.
Nursing Degree: AS - Psychiatric Technician to RN - S1209	Program completers will be employed or seeking employment in the field or a related field
Radiologic Technology Degree: AS - Radiologic Technology - S1206	Graduate will earn ARRT credential on first attempt, and within 6 months of graduation
Radiologic Technology Degree: AS - Radiologic Technology - S1206	Graduate will secure employment in the radiology profession
Radiologic Technology Degree: AS - Radiologic Technology - S1206	Students will critique images to determine diagnostic quality
Radiologic Technology Degree: AS - Radiologic Technology - S1206	Students will demonstrate effective communication using various types of communication channels
Radiologic Technology Degree: AS - Radiologic Technology - S1206	Students will determine corrective measures for non-diagnostic images
Radiologic Technology Degree: AS - Radiologic Technology - S1206	Students will develop knowledge of effective communication
Radiologic Technology Degree: AS - Radiologic Technology - S1206	Students will develop the necessary skills to provide patient centered care
Radiologic Technology Degree: AS - Radiologic Technology - S1206	Students will produce diagnostic quality radiographs
Respiratory Therapy Respiratory Therapy Degree: AS - Respiratory Therapy - S1205	Graduates will achieve the CRT and RRT credential
Respiratory Therapy Respiratory Therapy Degree: AS - Respiratory Therapy - S1205	Graduates will demonstrate professional behaviors consistent with employer expectations.
Respiratory Therapy Respiratory Therapy Degree: AS - Respiratory Therapy - S1205	Graduates will demonstrate the ability to comprehend, apply, and evaluate clinical information relevant to their roles as respiratory therapists.
Respiratory Therapy Respiratory Therapy Degree: AS - Respiratory Therapy - S1205	The student will demonstrate, in the laboratory and clinical setting, the correct procedures for advanced Respiratory Therapy procedures to include manual and mechanical ventilation.
Respiratory Therapy Respiratory Therapy Degree: AS - Respiratory Therapy - S1205	The student will demonstrate, in the laboratory and clinical setting, the correct procedures for basic Respiratory Therapy treatment modalities.
Welding Certificate: Welder - Automotive Welding, Cutting and Modification - T0931	Students completing certificate will be employed or seeking employment in the field or a related field
Welding Certificate: Welder - Automotive Welding, Cutting and Modification - T0931	Students completing the certificate will be technically competent
Welding Certificate: Welder - Automotive Welding, Cutting and Modification - T0931	Students will be able to perform the required practical projects used in GMAW welding and cutting.
Welding Certificate: Welder - Gas Tungsten Arc Welding - T0932	Program completers will solve problems as related to preparing materials prior to welding.
Welding Certificate: Welder - Gas Tungsten Arc Welding - T0932	Students completing certificate will be employed or seeking employment in the field or a related field
Welding Certificate: Welder - Gas Tungsten Arc Welding - T0932	Students completing the certificate will be technically competent
Welding Certificate: Welder - Licensed - L0930	Students completing certificate will be employed or seeking employment in the field or a related field
Welding Certificate: Welder - Licensed - L0930	Students completing the certificate will be technically competent
Welding Certificate: Welder - Licensed - L0930	Students will be able to identify print views, lines and dimensioning methods
Welding Certificate: Welding - E0919	Program completers will correctly answer 2 designated questions on welding process id
Welding Certificate: Welding - E0919	Students completing the certificate will be employed or seeking employment in the area of study or a related area
Welding Certificate: Welding - E0919	Students completing the certificate will be technically competent
Welding Certificate: Welding - Semiautomatic Arc Welding - T0933	Program completers will demonstrate safe operation of welding equipment.
Welding Certificate: Welding - Semiautomatic Arc Welding - T0933	Students completing the certificate will be employed or seeking employment in the area of study or a related area
Welding Certificate: Welding - Semiautomatic Arc Welding - T0933	Students completing the certificate will be technically competent
Welding Degree: AS - Welding - S0919	Program completers will be employed or seeking employment in their area or a related area
Welding Degree: AS - Welding - S0919	Program completers will be prepared to pass the Los Angeles City Structural Steel Exam