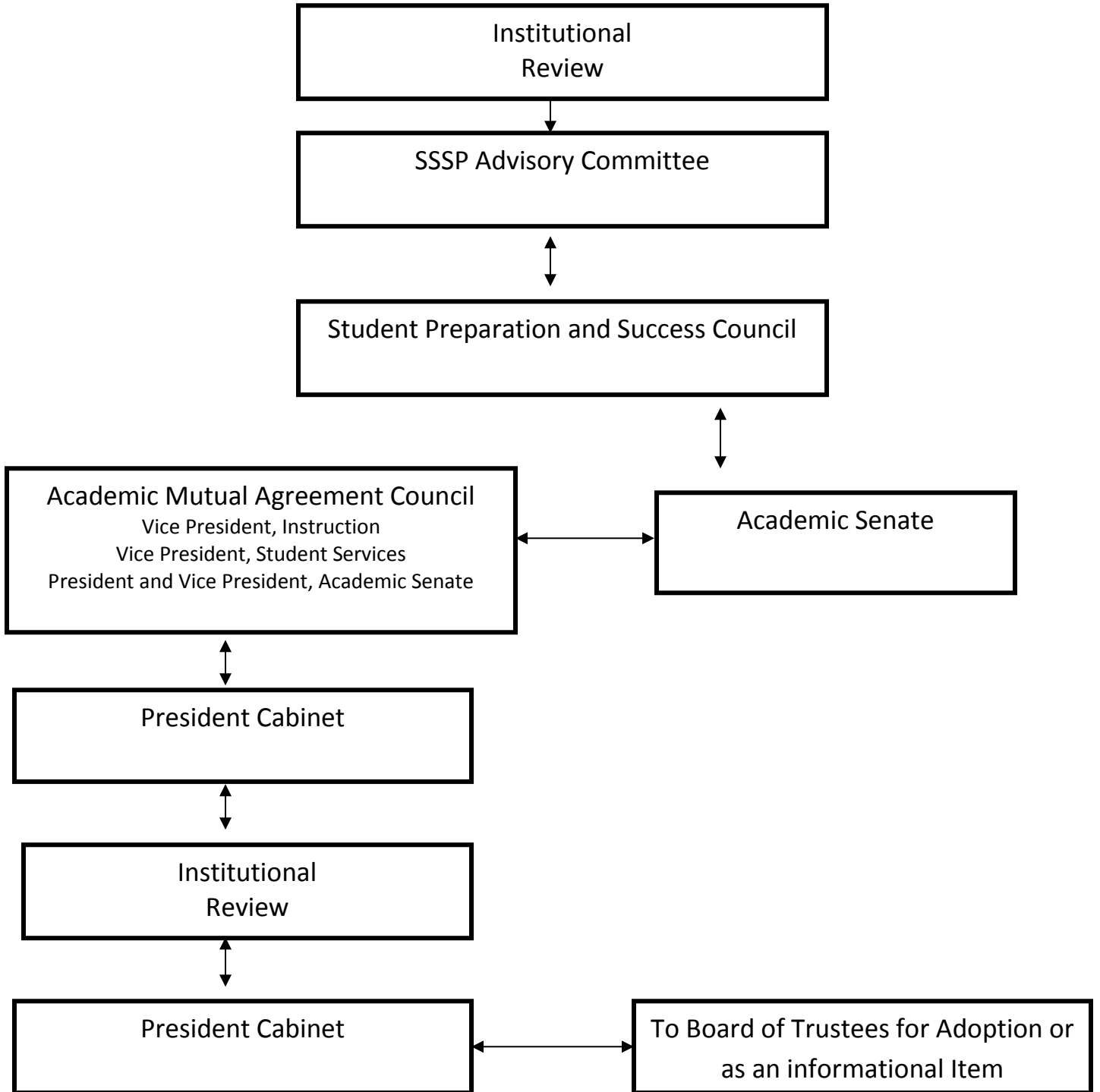


Mt. San Antonio College Governance Process



The Student Success and Support Program

To help students pursue and reach their educational goals, Mt SAC has a planned educational process called Student Success and Support Program (SSSP). All new students must complete the SSSP process, which includes a new student orientation, completion of English, math and reading assessment tests, and academic counseling to develop both an abbreviated (short term) educational plan and comprehensive educational plan. SSSP status is established for all new students at the time they submit their application to the college.

The Student Success and Support Program include the following three components:

Assessment provides students with an opportunity to identify current skill levels in English, math and reading for appropriate placement into courses for which they are prepared.

Orientation provides students with an opportunity to become acquainted with college programs, student support services, academic expectations, and the registration process. Counselors will also assist students with a development of an abbreviated (short term) educational plan to maintain your registration status.

Counseling provides students an opportunity to meet with a counselor for one-on-one assistance to help answer questions about educational options, and to develop an educational plan that outlines the necessary courses to meet specific transfer, vocational certificate, or associate degree goals.

The college's responsibility is to provide:

- assessment services
- orientation services
- counseling, advising, and other education planning services
- assistance in development of an student educational plan which identifies the student's educational goal, course of study, and the courses, services, and programs to be used to achieve them
- follow-up services to evaluate each student's progress and provide support services to at-risk students
- referrals to specialized support services and curriculum offerings

The student's responsibility is to:

- identify an education and career goal
- attend class and complete assigned coursework
- complete courses, maintain academic progress toward goals and course of student identified





Student Services Center

(Bldg. 9B)

DEPARTMENTS	LEVEL	PHONE
Admissions & Records	Lower	274-4415
Assessment/Placement Test	Lower	274-4265
Career & Transfer Services	Upper	274-4510
Counseling	Upper	274-4380
Disabled Student Program & Services (DSP&S)	Lower	274-4290
Extended Opportunity Program & Services (EOPS)	Lower	274-4500
Financial Aid	Upper	274-4450
HSD (High School Outreach) & Information Counter	Lower	274-5906
Veterans Services	Upper	274-4520

Mt. San Antonio College REGISTRATION 101

Reference
guide for ...

2015
Summer &
Fall



- Applying to Mt. SAC
- Registering and Adding classes
- How to apply for financial aid
- Important Dates to remember
- Student Services Directory and Hours

8 easy steps to Register

1- Apply to Mt. SAC

Complete and submit a Mt. SAC Admission Application

Online: www.mtsac.edu/apply

Call: (909) 274-4415

In person: Admissions & Records Office, Bldg. 9B
(Student Services Center)

2- Recommended: Apply for Financial Aid

Mt. SAC offers a variety of financial aid programs funded by different sources that may assist you in paying for your education. See back page for more information on how to apply for financial assistance and pay for classes.

3- Attend Placement Test Information Sessions

The sessions will prepare students to take the required placement tests and provide an opportunity for students to ask questions regarding the tests. Sessions are designed to assist students in understanding the placement process and how to select the appropriate test. An overview of ample test questions will also be provided.

For information, contact the Assessment Center at (909) 274-4265 or visit: www.mtsac.edu/assessment

4- Get Assessed

Students attending Mt. SAC are required to participate in assessment. The assessment and placement process has been established to enable all students an opportunity to be successful in their course work. Make an appointment for the required placement test(s) in English, math, and reading.

Online: www.mtsac.edu/assessment

Call: (909) 274-4265

In person: Assessment Center, Bldg. 9B (Student Services Center)

5- Attend New Student Orientation

Orientation is mandatory. At orientation a counselor will review what classes you should take your first semester based on your assessment test results. Orientation also allows you to learn about registration, tutoring services, campus resources, and type of degrees.

You will also create a first semester **Mountie Academic Plan (MAP)**. It is highly recommended that you complete Step 3 and 4 before you go on to Step 5.

Online: www.mtsac.edu/counseling/orientation

Call: (909) 274-4380

In person: Counseling Office, Bldg. 9B
(Student Services Center)



6- Get Counseling

Counselors are available to help if you:

- A. are undecided about your major or career goal,
- B. need assistance in planning your educational and/or career goal,
- C. need assistance in choosing a university or college for transfer,
- D. have personal problems that impact your college success.

For information, contact the Counseling Center at (909) 274-4380 or visit: www.mtsac.edu/counseling

7- Register Online

Register for classes online, based on your assigned registration date/time. Check your registration date on your student portal at: <https://my.mtsac.edu>.

8- Pay Fees

You can pay your fees online with a credit card (MasterCard, VISA, Discover, American Express) or in person at the Bursar's Office (Lower-level, Bldg. 4).

ALL FEES must be paid upon registering. Be sure to print your Student Schedule/Receipt #11 on the student portal, student tab. It contains important information including payment, refund, and drop deadlines. Students who fail to pay for their classes by the deadline may be dropped from those classes.

After paying your fees, you can obtain a Photo ID at the SacBookRac (Bldg. 9A).



Important dates 2015 Calendar

SUMMER	FALL	
May 13	July 15	Registration opens
June 22	Aug 24	Classes begin
July 3	Sept 7	Campus closed*
July 4	Nov 11	Campus closed*
	Nov 26-29	Campus closed*
Aug 2	Dec 12	Session/semester ends

*Holidays



Mt. San Antonio College
1100 N. Grand Avenue
Walnut, CA 91789
(909) 274-7500
www.mtsac.edu

How to add a **CLOSED CLASS**

If the class is full at the time of registration, a limited number of students can place themselves on a **wait list**. This list allows students to potentially add the course at a later date (if a space becomes available). Getting on a wait list does not enroll the students in a class.

If spaces become available, students will be **notified via their campus e-mail addresses**. Students have about 72 hours from their initial e-mail notification to add themselves to the course. Failure to do this on time will result in removal from the wait list.

Students who remain on the wait list **must attend the first class meeting** of the course(s) they wish to add. They should make sure they take a printout of their Registration Appointment from their portal. They must show this to the instructor.

If seats are still available in the class, after the wait list has been exhausted, the instructor may add students based on their **"registration date,"** which appears on their Registration Appointment notice posted on their student portal at <https://myportal.mtsac.edu>.

If allowed to add, the instructor will give students an **Add Authorization Code**. Failure to register online by the expiration date will invalidate their registration. They must process the "add" on their portal immediately, as the **code will expire**.

Using the online registration system, students must follow the instructions to add the class(es). They will be asked to enter the CRN and Add Authorization Code. After doing so and once they receive a full/closed error, they must enter the Add Code to Validate. Once validated, they must submit their "add."

HELP FINDING OPEN/NEW CLASSES

Search for open classes at <http://my.mtsac.edu>.



Q&A

Common Registration QUESTIONS

How can I obtain a Schedule of Credit Classes?

The class schedule is accessible 24/7 and available for download online at www.mtsac.edu. Limited printed copies of the class schedule are also available in the student services building, bookstore, and library.

What if my class gets cancelled?

In the event of the cancellation of a class you may have several options.

- In some instances, the college may decide to provide an alternate section of the course.
- You may find an open section and add.
- You may add another course.

If a refund is due, the refund will be automatically generated and deposited in your Mt. SAC Card account. Information about this service is provided online in your portal.

How do I drop a class?

You must drop the class online <https://my.mtsac.edu>. It is your responsibility to make sure classes are dropped according to established deadlines in order to potentially avoid fees and/or negative grades. In all cases, it is important to print out your registration to have a record/proof of the courses for which you are officially registered. Your Schedule/Receipt (my.mtsac.edu) lists the deadlines for each course. Deadlines are course specific.

What is Mt. SAC's "School Code"?

Mt. SAC has many codes. For example, the College Board Code (CEEB) is commonly used on CSU and UC applications. Mt. SAC's CEEB Code is 004494. The Federal School Code is commonly used on financial aid forms. Mt. SAC's FICE Code is 001245.

How do I get the best possible registration date?

The Student Success and Support Program (SSSP) recommends that all new students complete Steps 1-8 on the reverse side. By following the Steps, you will be given the best possible registration date.

What does Pass (P)/ No Pass (NP) mean?

This is merely a way of taking a class without worrying about your grade. As long as you complete the course at the "C" or better level, you will receive a "Pass (P)" on your transcript. If you finish the course at the "D" or "F" level, you will receive a "No Pass (NP)" on your transcript both for courses that offer a standard plus P/NP option. Unless you specifically request P/NP at registration, you will be graded automatically on a letter basis (A-F). You can request P/NP by completing the required form and submitting it to the Office of Admissions and Records. P/NP does not affect your GPA, and it is not transferable to most institutions. If you're unsure about taking a class for a grade or for Pass/No-Pass, discuss the matter with a counselor in the Counseling Office. P/NP is not the same as "noncredit" or Community Education classes.

How do I apply for Financial Aid and Pay for my classes?

Mt. SAC offers a variety of financial aid programs funded by federal and state agencies and private sources, including grants, fee waivers, work-study opportunities, scholarships, and loans. Students may apply for aid by filing a Free Application for Federal Student Aid (FAFSA) at www.fafsa.gov.

Fee waivers to cover enrollment costs are available through the Board of Governors Fee Waiver (BOGW) program. Apply online at: www.mtsac.edu/students/finaid.

Are you a Dreamer? If you meet requirements for an AB 540 nonresident tuition exemption, you could be eligible for state and institutional aid by completing the CA Dream Act application. Apply online: <https://dream.csac.ca.gov/>. Our Financial Aid staff can also assist you.

The **Financial Aid Office** is located on the upper level of the Student Services Center (9B).
Phone: (909) 274-4450

ALTERNATE FORMATS: This brochure is available at www.mtsac.edu and in alternate formats (Braille, enlarged text, e-text, etc). Contact Disabled Student Programs & Services at (909) 274-4290.

We're Here to Serve You



Student Services Center (Bldg. 9B)

Hours of Operation

Monday - Thursday 8 a.m. – 7 p.m.
Friday 8 a.m. – 4:30 p.m.

Hours vary with each department and subject to change without notice.

Bookstore (SacBookRac)* (Bldg. 9A)

(books, supplies, photo ID)

Monday - Thursday 7:45 a.m. – 6 p.m.
Friday 7:45 a.m. – 4 p.m.

* Hours subject to change. Call (909) 274-4475 for more info.

Bursar's Office* (Lower Level - Bldg. 4)

(fee payment, Parking Permit & Mt. SAC card inquiries)

Monday - Thursday 8 a.m. – 4:30 p.m.
Friday 8 a.m. – 4:30 p.m.

* Hours, Location & Services are subject to change.

Call (909) 274-4960 for more info.

SacBookRac - Bookstore

Student Services Center

Bursar's Office
lower level of Building 4



WELCOME

New Student Orientation & Registration Information

College Mission Statement

The mission of Mt. San Antonio College is to support students in achieving their full educational potential in an environment of academic excellence.

Introductions and Agenda

- Welcome to Mt. San Antonio College
- College Culture
- Campus Resources
- Time Management
- My.MtSAC.edu & Registration Process
- My first semester course plan
- Questions & Answers



Ice Breaker

1. My name is ...
2. The reason I'm attending Mt SAC is...
3. I have questions about...

College Expectations

Using the Clicker, select your answer by clicking

True (A) or False (B)

1. College classes are selected for you.
2. Parents and/or significant others can access your college information (i.e. class schedule, speak with your professors, grades, etc.).
3. College students are recommended to plan their study time outside of class according to their amount of units taken each term.

College Expectations

Personal Freedom

- Independence and responsibility
- Choose your own classes (times, dates, how often, professors)

Professors

- All readings, assignments completed before class
- Attend office hours
- May communicate via your Mt. SAC e-mail

College Expectations

Studying

- Reading assignments, tutoring, study groups
- Not just to memorize
- Not just before the day of a test

Exams

- Vary depending on the course and the professor
- Multiple choice, in-class essays (short or long), case studies, papers, demonstrations or presentations

College Expectations

Know your college deadlines

- Drop for non-payment of college fees
- Refunds: tuition and books
- Drop with and without a “W”

Grades

- If you are no longer attending a class, make sure you drop through the system or you will receive an “F”
- “D” is not passing for general education, major, and pre-requisite courses.
- Financial Aid assistance may be delayed or taken away for unsatisfactory academic progress

First day of class

- Attend all classes in which you are enrolled
- Don't be late for classes in which you are enrolled
- Attend all classes in which you are waitlisted

On March 7, 2013, President Obama signed a bill that strengthened and reauthorized the Violence Against Women Act. Included within the Act were amendments to the Clery Act that afford additional rights to CAMPUS victims of sexual violence, dating violence, domestic violence, and stalking. We want you to be Aware and Know your Rights about Sexual Violence, Dating Violence, Domestic Violence and Stalking at Mt. SAC

Information used with permission from:
Livier Martinez, LCSW
Mt San Antonio College Student Health Services

2013 Violence Against Women Act (VAWA)

1 is 2 Many PSA:

https://www.youtube.com/watch?feature=player_detailpage&v=xLdElcv5qqc

VAWA Definitions

Sexual assault and **Rape** is sexual intercourse or intrusion without consent. Lack of consent results from forced participation or the inability to consent

- Forced participation can be:
 - Physical
 - Intimidation
- Inability to consent may be due to:
 - Intoxication
 - Mental incapacitation
 - Unconsciousness
- In many states the terms “sexual assault” and “rape” are used interchangeably

Stalking

A course of conduct directed at a specific person that involves repeated visual or physical proximity, unwanted communication, or verbal, written, or implied threats, or a combination thereof, that would cause a reasonable person fear.

i.e. following (cyberspace/social media), unwanted contact and/or threats

Dating Violence

- Violence committed by a person;
- Who is or has been in a social, romantic, ‘hook-up,’ friends with benefits, or casual relationship
- Abusive behavior can be physical, emotional, financial, verbal, or sexual.

VAWA Definitions

Domestic violence

- Can happen in couples (heterosexual or same-sex) who are married, living together, dating, or dated in the past.
- Similar to Dating violence, abuse is a repetitive pattern of behaviors to maintain power and control over an intimate partner.

Sexual harassment

Unwelcome and unwanted sexual behaviors which interfere with your life.

Stalking, or leering with intent to harass, intimidate, threaten, retaliate or create conflict, including the use of electronic means of communication and social media.

Sexual Assaults and College

- 1 in 4 college women report surviving rape or attempted rape since their 14th birthday
- In a typical year, 3% of college women report surviving rape or attempted rape (this does not include the summer, when many more rapes occur)
- A 2000 report showed that 90% of campus sexual assaults are committed by someone known to the victim.
- 3% of college men report surviving rape or attempted rape as a child or adult

Substance Use and Rape

- 75% of the men and 55% of the women involved in acquaintance rapes were drinking or taking drugs just before the attack.
- 89% of assaults occur when the victim is incapacitated due to alcohol.

Aftermath of Sexual Assault

- 42% of rape survivors told no one about the rape
- False reports of rape are rare, according to the FBI, occurring only 8% of the time

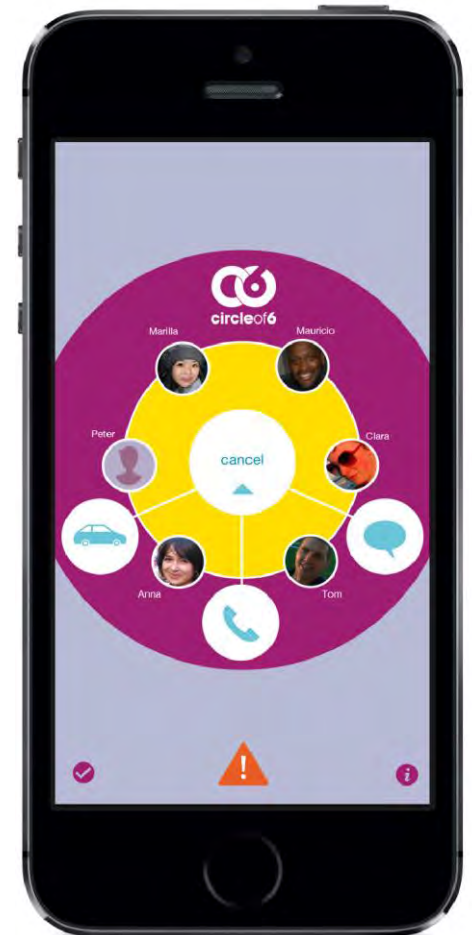
Tips on Partying Smart

- Buddy System
- Be aware of Red Flags
 - Trust your gut
- Be Aware of Surroundings
- Have an “EXIT” plan
- Watch Alcohol Consumption



**A free app that prevents violence
before it happens**

<http://www.circleof6app.com/>



On campus resources

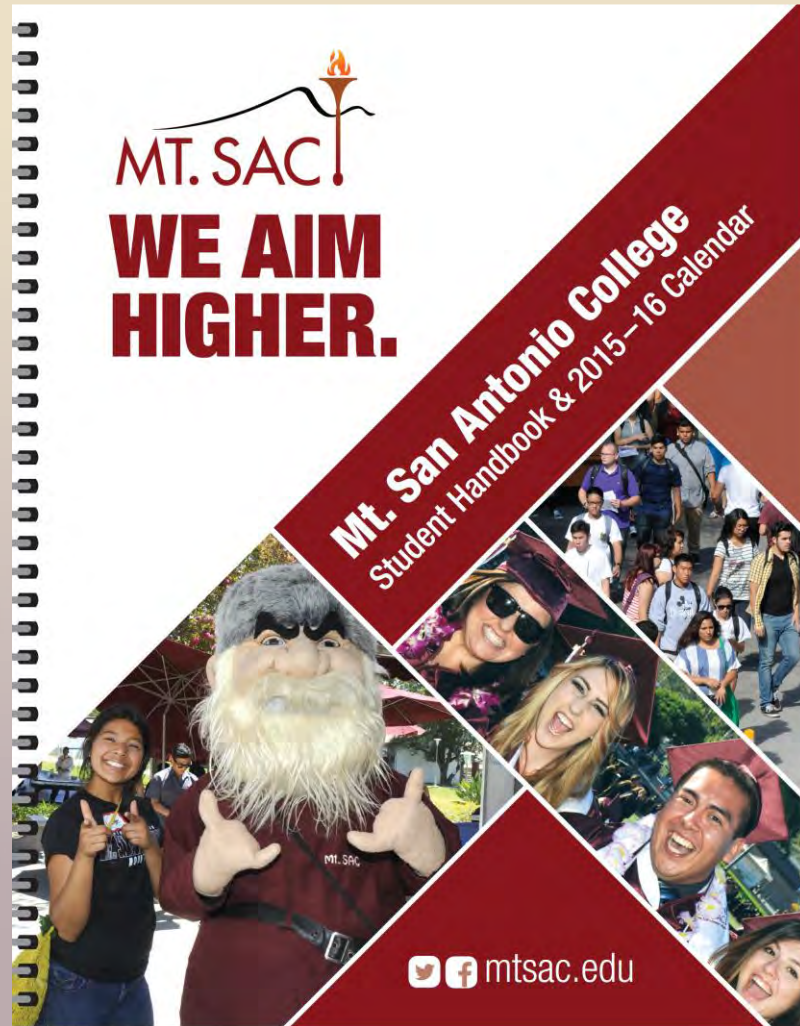
- (909) 274-XXXX
 - Public Safety X4555
 - Student Life X4525
 - Health Services X4400

It's On Us

It's on us, all of us, to stop sexual assault. Learn what you can do and take the pledge to be part of the solution at <http://ItsOnUs.org>

<http://www.youtube.com/watch?v=wNMZo31LziM>

Academic Policies in Student Planner



- Student Rights & Responsibilities, page 62
- Challenging Prerequisites and Co-requisites, page 62
- Probation: view catalog p. 17

How Many Responsibilities Do I Have in My Life?

Instructions: Please take a few minutes to think about all of the responsibilities that you have in your life right now. Select as many of responsibilities from the list below and add more if needed.

Spouse/Partner/Significant Other

Son/Daughter

Parental

Brother/Sister

Work How many hours per week? _____

Athletic/Sports

Church/Religious Activity

Volunteer: How many hours per week? _____

Other: _____

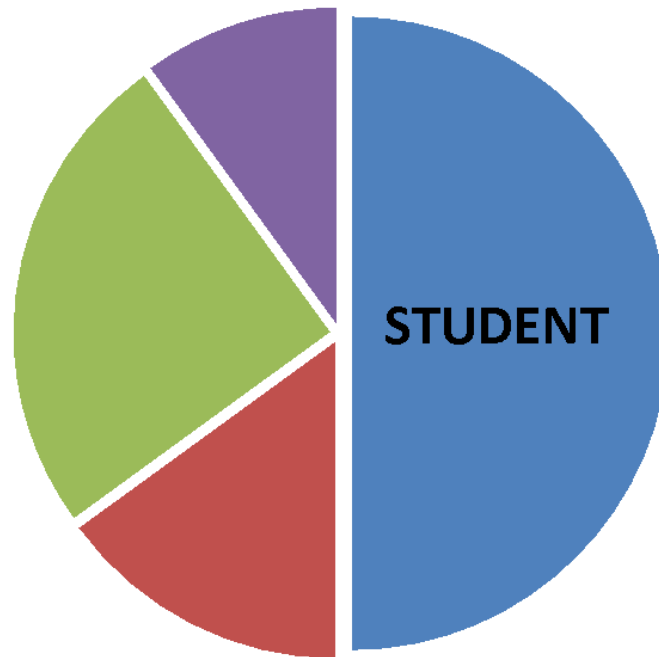
Other: _____

How Many Responsibilities Do I Have in my Life?

Yes (A), No (B)

1. Significant other (boyfriend/girlfriend, spouse, partner)
2. Family (siblings, parents, grandparents, cousins, etc.)
3. My own children
4. Work (bills, rent, car, tuition, phone, clothes, food, etc.)
5. Extracurricular (sports, clubs, hobbies, religious activities & volunteer)

How do I divide the responsibilities in my life?



Definition of a College Unit

What is a unit?

- Mt SAC college work is measured by “units”, not credits.
- A **unit** is defined as 1 hour of lecture per week or in labs, 2-3 hours per week.

Example:

- PSYC 1A: a 3 unit course
 - Typically meets 3 hours per week (1 hour per unit)

Refer to page 85 in your Student Planner

Part-time vs. Full-time

Part-time Student

- Enrolled in fewer than 12 units in a regular session (Fall or Spring)
- Fewer than 4 units in a 6-week session (Winter and Summer)

Full-time Student

- Enrolled in 12 units or more in a regular session
- 4 units or more in a 6-week session

Time Management

Simple Rule: For every one hour of classroom time (1 unit), allow two hours for H/W, study time, & other assignments.

40 hours per week	6 units	12 hours per week	
30 hours per week	9 units	18 hours per week	
20 hours per week	12 units	24 hours per week	
5-15 hours per week	14-16 units	32 hours per week	
0-1 hours per week	18 units	36 hours per week	

Resources



For additional campus resources, refer to Student Planner pages 14-35

FINANCIAL AID

<http://fafsa.gov/>

- The college offers a variety of financial aid programs funded by the Federal and State government and private sources.
- Aid programs include: grants, work-study, fee waivers, and loans.
- All students may be eligible for some form of assistance based on their financial need and may apply by filling out a FAFSA or the California Dream Act application.
- Dream Act: allows students who meet AB540 criteria to apply for and receive state-funded financial aid.

<http://ab540.com/Paying-for-College.html>

BOG Fee Waiver

<http://www.mtsac.edu/financialaid/feewaiver.html>

- The CA Community College Board of Governors Enrollment Fee Waiver (BOGW) waives your enrollment fees, reduces the parking and health fee.
- Students may apply by completing the FAFSA, DREAM ACT application, or the BOGW fee waiver form
- The BOGW is effective for each term, beginning in summer through spring terms.
- Information can be found at the Mt. SAC Financial Aid office or on the Mt. SAC website.
- Your academic performance may affect your BOG Fee Waiver eligibility.

COLLEGE FEES (refer to Fee Explanation in class schedule)

all fees are subject to change

ENROLLMENT FEE	Resident	\$46 per unit
	International Students	\$273 per unit (\$227 per units +\$46 per unit enrollment fee)
	Non-Resident Students	\$273 per unit (\$227 per units +\$46 per unit enrollment fee)
STUDENT HEALTH FEE	Regular	\$19
	With BOGW	\$14
PARKING PERMIT	Regular	\$50
	With BOGW	\$25
STUDENT ACTIVITIES FEE	Collected in Fall and Spring semesters only	\$11
STUDENT REPRESENTATION FEE	Collected in Fall and Spring semesters only	.50
TRANSPORTATION FEE	Collected in Fall and Spring semesters only	\$9 full-time students \$8 part-time students

**Mt. San Antonio College
Student Schedule/Receipt
Fall 2014**

**Schedule for Joe Mountaineer A01768659
24-SEP-2014**

Your Registration Begins: 23 JUL 2014 at 10:00am

Enrolled Courses

Crn	Subj	Crse	Title	Crd	Start Date	End Date	Times	Days	Bld	Rm
20195	ENGL	67	Writing Fundamentals	4.0	25-AUG-14	14-DEC-14	12:00- 2:05pm	T R	40	123
20980	READ	90	Preparing for College Reading	3.0	25-AUG-14	14-DEC-14	3:00- 4:25pm	M W	6	131
21741	MATH	51	Elementary Algebra	4.0	25-AUG-14	14-DEC-14	2:15- 4:20pm	M W	61	3410
23019	COUN	2	College Success	3.0	25-AUG-14	14-DEC-14	9:45-11:10am	T R	21A	2

Additional Information

Crn	Subj	Crse	Instructor	Email	Refund Deadline	Last Day to Drop Without a W	Last Day to Drop With a W
20195	ENGL	67	Gomez, Francisco J.	fgomez32@mtsac.edu	05-SEP-14	07-SEP-14	31-OCT-14
20980	READ	90	Lyons, Kelley L.	klyons3@mtsac.edu	05-SEP-14	07-SEP-14	31-OCT-14
21741	MATH	51	Parra, Heidi R.	hparra@mtsac.edu	05-SEP-14	07-SEP-14	31-OCT-14
23019	COUN	2	Trejo, Lyssette C.	ltrejo@mtsac.edu	05-SEP-14	07-SEP-14	31-OCT-14

Account Information

Any unpaid fees that result after the semester begins will be placed on a financial hold. Financial holds will prevent students from enrollment, transcripts, withdrawals and prohibit access to certain campus services.

It is the student's responsibility to drop classes by the appropriate deadline as shown above. Students who remain enrolled after the refund deadline are not eligible for a refund and remain financially responsible for payment of fees even if they drop the class or are dropped by their instructor.

Refunds are processed when classes are dropped by the course refund deadline date (see above). You will receive a refund through your preference on your MtSAC Card. See <http://myportal.mtsac.edu> for further information. For parking permit refund deadlines see the current [Schedule of Classes](#).

Account Summary for Joe Mountaineer -- A01768659

Account Balance: \$674.50

Fall 2014

Detail Code	Description	Charge	Payment	Balance
ENRL	Enrollment	\$644.00		\$644.00
HTHF	Health Fee	\$19.00		\$19.00
SREP	Student Representation Fee	\$0.50		\$0.50
STAF	Student Activity Fee	\$11.00		\$11.00
	Term Charges:	\$674.50		
	Term Credits :		\$0.00	
	Term Balance:			\$674.50
	Previous Balance:			\$0.00
	Account Balance:			\$674.50

Maintaining Your Registration Date

- ✓ Complete Orientation (you are here)
- ✓ Complete assessment tests (English, math, and reading)
- ✓ Complete 1st semester abbreviated plan (next)
- ✓ Complete a comprehensive plan with a counselor before the end of your 3rd semester (fall and spring)
 - Schedule a counseling appointment *two weeks after* the semester has begun by phone, online or in person at the counseling department.

When is payment due for courses you enroll in?

- You must pay your fees immediately following course registration. Failure to pay fees will result in your being dropped from your classes. Fees may be paid at the Bursar's office or online at [MY.MTSAC.EDU](https://my.mtsac.edu)
- The college accepts payment in the form of cash, credit cards, money orders, personal checks, business checks, rehab vouchers and cashier's checks.
- Currently, Mt SAC does not provide a payment plan.

First Day of School



What to Expect on the First Day of School:

- Traffic
- Parking
- Long lines

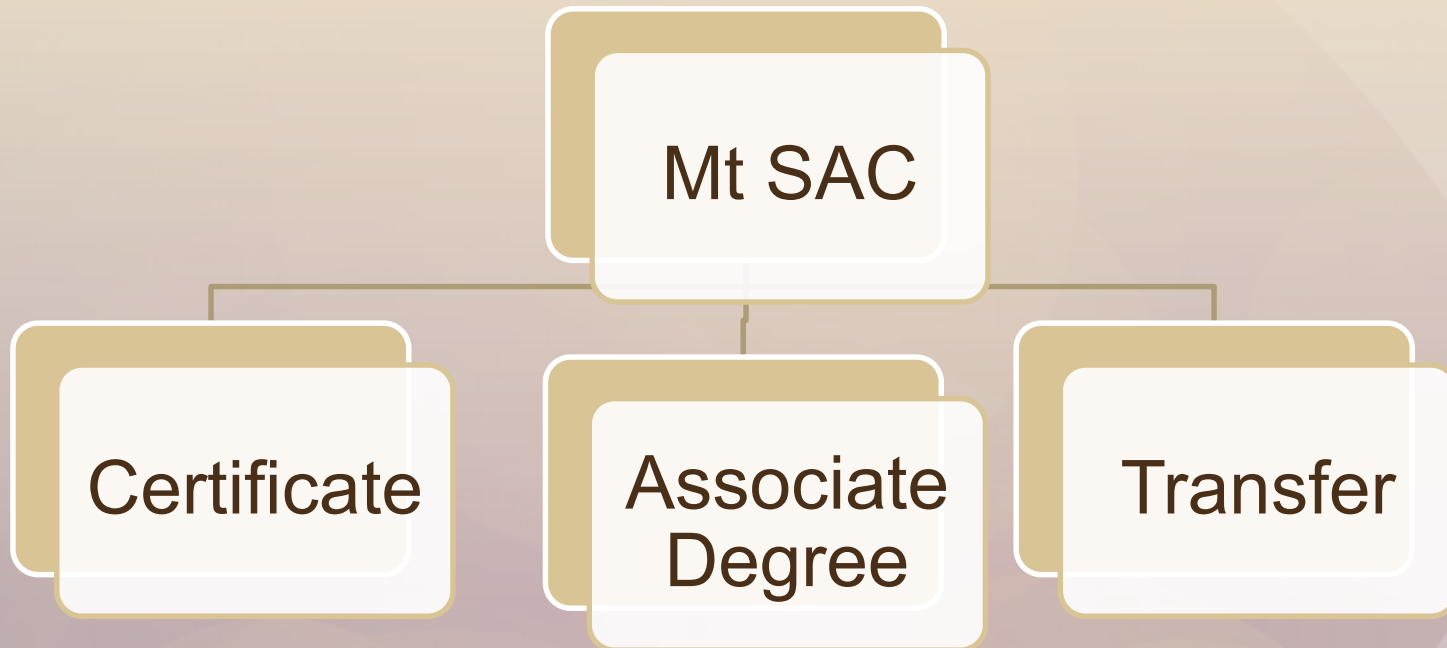
Things to remember!

- Arrive Early
- Ask for HELP!



**TRANSITION
to BREAK-OUT ROOM
to Claim Your Account**

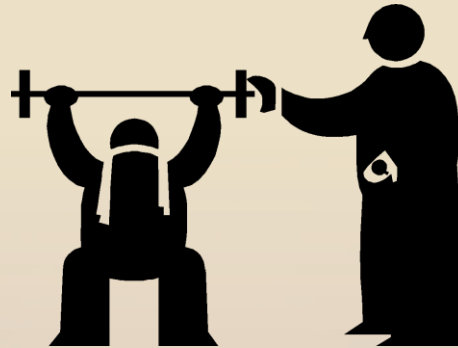
Programs of Study



Mt SAC Catalog: <http://www.mtsac.edu/catalog/>

Certificate

- Entry-level job training and skills.
- Course specific-generally, no general education courses required.
- Examples: Child Development, Welding, Personal Trainer, Accountant, Aircraft maintenance, Air-Conditional and Repair, Drafting, etc.



Associate's Degree

- Community college degree
- Course specific (i.e. major)
- General Education requirements
- Mt Sac graduation Requirements
- Example: English 1A, Intermediate Algebra, Oral Communication, Kinesiology (P.E.)



Pre-requisite

- A course or test score **BEFORE** enrolling in a course.

For example:

- PSYC 1A - Introduction to Psychology prerequisite is English 1A.

PSYCHOLOGY

■ **PSYC 1A — Introduction to Psychology** **3.0 Units**
(C-ID PSY 110) Degree Applicable, CSU, UC

Prerequisite: Eligibility for ENGL 1A

Advisory: Eligibility for READ 100 or completion of AMLA 33R

Psychological approaches to the study of behavior and mental processes.

30286	MTW	7:30am - 10:10am	Couch, A	26A-2670
30287	MTW	10:30am - 1:10pm	Nolan Marion, M	26A-2891
30288	MTW	10:30am - 1:10pm	Sabet, S	26A-2831
31195	TWTh	1:20pm - 4:00pm	STAFF	26A-1831
30462	MTW	7:00pm - 9:40pm	Martin, G	26A-2670
30365		arrange 9 hours	Ano, G	ONLINE

NOTE: CRN 30365 is a Distance Learning Online Class.

How to Begin Course: Log into Moodlerooms through <http://myportal.mtsac.edu> and click on CRN for your DL course. **NOTE:** Some courses may not be activated until the start of the term. If you cannot locate your DL course in Moodlerooms when the term starts, contact the professor.

Professor contact info: Email Professor Ano at either: GAno@mtsac.edu, through Student Detail Schedule or Moodlerooms at MyMtSAC Portal.

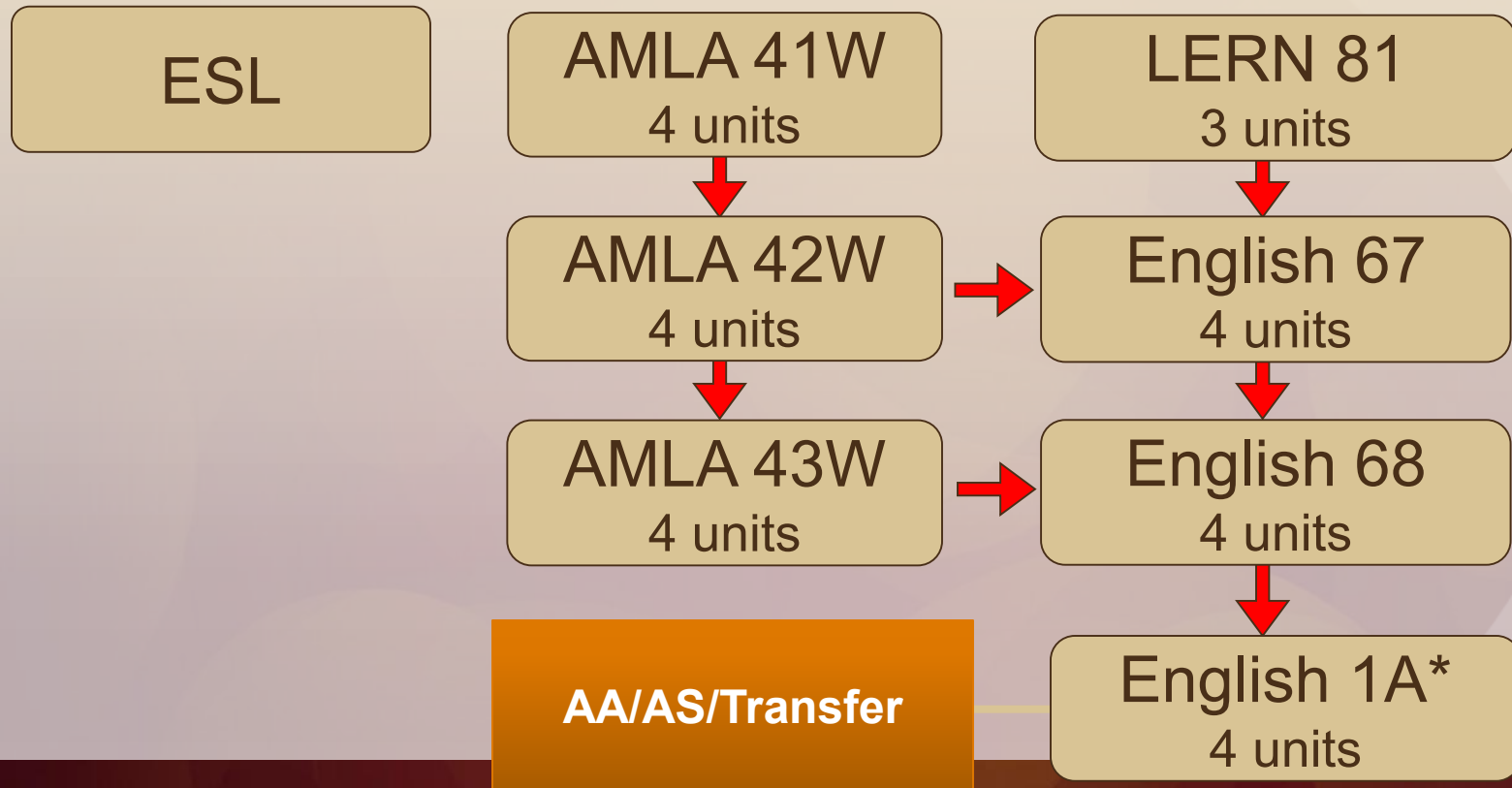
Students must use their Mt. SAC e-mail account and be aware of course commitment and student expectations described at <http://www.mtsac.edu/instruction/learning/distlearn/>

30366		arrange 9 hours	Kolchakian, M	ONLINE
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NOTE: CRN 30366 is a Distance Learning Online Class.

Assessment of Written English

Writing (AWE)



Math Placement

LERN 48
(3 units)

LERN 49
(3 units)

Math 50
(3 units)

Math 51 or (51A & 51B)
(4 units/3 units)

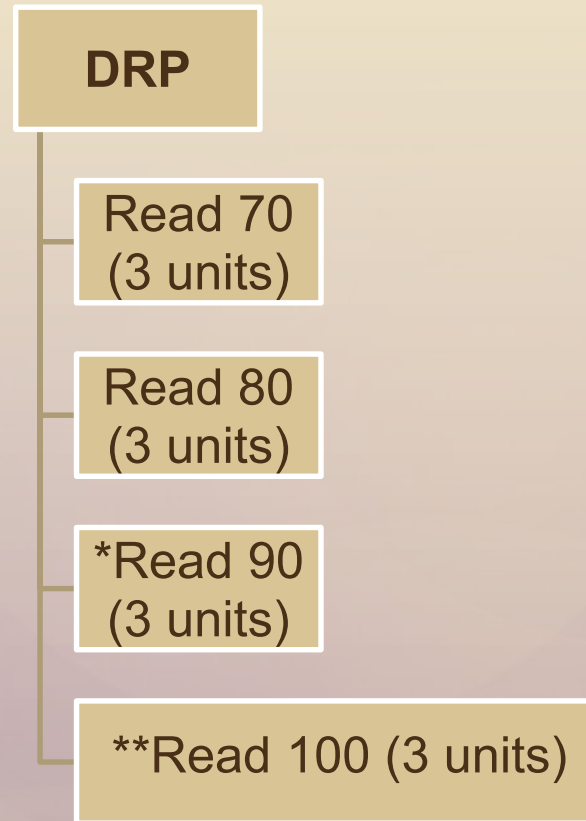
Math 71 or (71A & 71B)
(5 units/3 units)

AS or AA degree

+100 level Math
(3 to 5 units)

Transfer

Degree of Reading Power



***Required for any Associate Degrees.**

****Exempt if initial placement in Read 100.**

Let the counselor know if you are interested in any of the following:

- I plan to major in Science, Technology, Engineering or math (STEM) major.
- My first option is to transfer to a UC school.
- I plan to transfer to a Private 4-year university (i.e. USC, University of La Verne, Azusa Pacific, etc.)

ASSOCIATE'S DEGREE



Mt. San Antonio College

Associate in Science Degree and Associate in Arts Degree Graduation Requirements 2012/2013

UNIT REQUIREMENT

Sixty (60) associate degree appropriate units with a letter grade of "C" or better in all courses is required for graduation.

RESIDENCY REQUIREMENT

The residency requirement for Mt. San Antonio College can be met in either of two ways:

- a) 12 units in residence and enrollment in last semester, OR
- b) 45 units in residence if the last semester is not at Mt. San Antonio College.

GPA REQUIREMENT

A Mt. San Antonio College degree total grade point average and all college total grade point average of 2.0.

PHYSICAL WELL-BEING REQUIREMENT

Complete at least one of the physical education activity courses with the following numbers: PANCE, PAMA, K00F, K00I, K00L, K00S, K00N, K00P.

1 course of Physical Well Being

THE MAJOR REQUIREMENT FOR THE ASSOCIATE IN SCIENCE DEGREE IS SATISFIED BY

completing all the required courses in the occupational program with a minimum grade of "C" in all courses. Refer to the 2012-2013 Mt. SAC catalog for listing of Associate in Science degree majors.

THE MAJOR REQUIREMENT FOR THE ASSOCIATE IN ARTS DEGREE IS SATISFIED BY

completing all the required courses in an approved area of emphasis with a minimum grade of "C" in all courses. Refer to the 2012-2013 Mt. SAC catalog for listing of Associate in Arts in Liberal Arts and Sciences area of emphasis.

All students must file a petition for graduation before the deadline with the Admissions and Records Office and have on file all required documents and transcripts. Check with the Admissions and Records Office for deadlines.

MATH COMPETENCY REQUIREMENT

This requirement is met by completing one of the following with a grade of "C" or better:

- 1. MATH71 Intermediate Algebra OR MATH71B Intermediate Algebra OR MATH 71X Practical Intermediate Algebra OR
- 2. Completing a more advanced mathematics course, OR
- 3. Obtaining a satisfactory score on the Algebra Competency Examination

3 ways to complete Math requirement

READING COMPETENCY REQUIREMENT

This requirement is met by completing one of the following with a grade of "C" or better:

- READ 90 Preparing for American Literature OR AMLA 33R American Literature OR
- Obtaining placement into READ 100 on initial Reading placement exam OR
- Obtaining a satisfactory score on the Reading Competency Test.

Reading Requirement

GENERAL EDUCATION REQUIREMENTS

At least 24 units are required which shall include courses in each of the General Education areas, A through E (see reverse side). All courses must be completed with a letter grade of "C" or better.

Associate Degree — Graduation Requirements (continued)

A Communication in the English Language		B The Physical		C Arts and Humanities		D Social, Political and Economic Institutions	
ENGL 101	Composition I	PHYS 101	Physical Science	ARTS 101	Understanding the Humanities	SOCL 101	Introduction to Sociology
ENGL 102	Composition II	PHYS 102	Physical Science	ARTS 102	Understanding the Humanities	SOCL 102	Introduction to Sociology
ENGL 103	Composition III	PHYS 103	Physical Science	ARTS 103	Understanding the Humanities	SOCL 103	Introduction to Sociology
ENGL 104	Composition IV	PHYS 104	Physical Science	ARTS 104	Understanding the Humanities	SOCL 104	Introduction to Sociology
ENGL 105	Composition V	PHYS 105	Physical Science	ARTS 105	Understanding the Humanities	SOCL 105	Introduction to Sociology
ENGL 106	Composition VI	PHYS 106	Physical Science	ARTS 106	Understanding the Humanities	SOCL 106	Introduction to Sociology
ENGL 107	Composition VII	PHYS 107	Physical Science	ARTS 107	Understanding the Humanities	SOCL 107	Introduction to Sociology
ENGL 108	Composition VIII	PHYS 108	Physical Science	ARTS 108	Understanding the Humanities	SOCL 108	Introduction to Sociology
ENGL 109	Composition IX	PHYS 109	Physical Science	ARTS 109	Understanding the Humanities	SOCL 109	Introduction to Sociology
ENGL 110	Composition X	PHYS 110	Physical Science	ARTS 110	Understanding the Humanities	SOCL 110	Introduction to Sociology
ENGL 111	Composition XI	PHYS 111	Physical Science	ARTS 111	Understanding the Humanities	SOCL 111	Introduction to Sociology
ENGL 112	Composition XII	PHYS 112	Physical Science	ARTS 112	Understanding the Humanities	SOCL 112	Introduction to Sociology
ENGL 113	Composition XIII	PHYS 113	Physical Science	ARTS 113	Understanding the Humanities	SOCL 113	Introduction to Sociology
ENGL 114	Composition XIV	PHYS 114	Physical Science	ARTS 114	Understanding the Humanities	SOCL 114	Introduction to Sociology
ENGL 115	Composition XV	PHYS 115	Physical Science	ARTS 115	Understanding the Humanities	SOCL 115	Introduction to Sociology
ENGL 116	Composition XVI	PHYS 116	Physical Science	ARTS 116	Understanding the Humanities	SOCL 116	Introduction to Sociology
ENGL 117	Composition XVII	PHYS 117	Physical Science	ARTS 117	Understanding the Humanities	SOCL 117	Introduction to Sociology
ENGL 118	Composition XVIII	PHYS 118	Physical Science	ARTS 118	Understanding the Humanities	SOCL 118	Introduction to Sociology
ENGL 119	Composition XIX	PHYS 119	Physical Science	ARTS 119	Understanding the Humanities	SOCL 119	Introduction to Sociology
ENGL 120	Composition XX	PHYS 120	Physical Science	ARTS 120	Understanding the Humanities	SOCL 120	Introduction to Sociology
ENGL 121	Composition XXI	PHYS 121	Physical Science	ARTS 121	Understanding the Humanities	SOCL 121	Introduction to Sociology
ENGL 122	Composition XXII	PHYS 122	Physical Science	ARTS 122	Understanding the Humanities	SOCL 122	Introduction to Sociology
ENGL 123	Composition XXIII	PHYS 123	Physical Science	ARTS 123	Understanding the Humanities	SOCL 123	Introduction to Sociology
ENGL 124	Composition XXIV	PHYS 124	Physical Science	ARTS 124	Understanding the Humanities	SOCL 124	Introduction to Sociology
ENGL 125	Composition XXV	PHYS 125	Physical Science	ARTS 125	Understanding the Humanities	SOCL 125	Introduction to Sociology
ENGL 126	Composition XXVI	PHYS 126	Physical Science	ARTS 126	Understanding the Humanities	SOCL 126	Introduction to Sociology
ENGL 127	Composition XXVII	PHYS 127	Physical Science	ARTS 127	Understanding the Humanities	SOCL 127	Introduction to Sociology
ENGL 128	Composition XXVIII	PHYS 128	Physical Science	ARTS 128	Understanding the Humanities	SOCL 128	Introduction to Sociology
ENGL 129	Composition XXIX	PHYS 129	Physical Science	ARTS 129	Understanding the Humanities	SOCL 129	Introduction to Sociology
ENGL 130	Composition XXX	PHYS 130	Physical Science	ARTS 130	Understanding the Humanities	SOCL 130	Introduction to Sociology
ENGL 131	Composition XXXI	PHYS 131	Physical Science	ARTS 131	Understanding the Humanities	SOCL 131	Introduction to Sociology
ENGL 132	Composition XXXII	PHYS 132	Physical Science	ARTS 132	Understanding the Humanities	SOCL 132	Introduction to Sociology
ENGL 133	Composition XXXIII	PHYS 133	Physical Science	ARTS 133	Understanding the Humanities	SOCL 133	Introduction to Sociology
ENGL 134	Composition XXXIV	PHYS 134	Physical Science	ARTS 134	Understanding the Humanities	SOCL 134	Introduction to Sociology
ENGL 135	Composition XXXV	PHYS 135	Physical Science	ARTS 135	Understanding the Humanities	SOCL 135	Introduction to Sociology
ENGL 136	Composition XXXVI	PHYS 136	Physical Science	ARTS 136	Understanding the Humanities	SOCL 136	Introduction to Sociology
ENGL 137	Composition XXXVII	PHYS 137	Physical Science	ARTS 137	Understanding the Humanities	SOCL 137	Introduction to Sociology
ENGL 138	Composition XXXVIII	PHYS 138	Physical Science	ARTS 138	Understanding the Humanities	SOCL 138	Introduction to Sociology
ENGL 139	Composition XXXIX	PHYS 139	Physical Science	ARTS 139	Understanding the Humanities	SOCL 139	Introduction to Sociology
ENGL 140	Composition XL	PHYS 140	Physical Science	ARTS 140	Understanding the Humanities	SOCL 140	Introduction to Sociology

Area A:
1 course of English
1 course of Speech

Area B:
1 course
Physical
or Life
Science

C:
Humanities
1 course

Area D: History
or Political
Science
1 course

D:
Elective
1 course

C: Arts
1 course

E: Life
Long
Learning
1 course

*Courses may not be double counted to satisfy more than one area, even if a course is listed in more than one area.

Navigating the
MY.MTSAC.EDU Student
Account/Portal

AND

What courses to take in your first
semester?

FREQUENTLY ASKED QUESTIONS?



WHO CAN PARTICIPATE IN CONNECT 4?

High School graduating seniors from Mt. SAC in district schools can participate. For a list of schools visit our website.

WHO DO I CONTACT IF I WANT TO JOIN CONNECT 4?

Send an email or make a phone call to reach the HSO Specialist assigned to your High School. Contact information for each HSO Specialist is listed in the brochure.

DO I HAVE TO COMPLETE ALL OF THE CONNECT 4 STEPS TO RECEIVE EARLY REGISTRATION? YES!

WHAT SHOULD I DO IF I MISS A CONNECT 4 STEP AT MY HIGH SCHOOL? Contact your HSO Specialist immediately, and they will instruct you on what to do.

DO I HAVE TO ATTEND THE CONNECT 4 NEW STUDENT ORIENTATION OR CAN I ATTEND /COMPLETE THE GENERAL, OR ONLINE MT. SAC COLLEGE GENERAL ORIENTAIIION? Yes, you will have to attend a Connect 4 New Student Orientation to receive Early Registrarition. Online and general orinetations will not apply to the Connect 4 Steps.



Follow us on Social Media! @MtSAC_HSO

CONNECT 4



Office: (909) 274-5906
Email: outreach@mtsac.edu
Address: Student Services, 9B
1100 N. Grand Ave. Walnut, CA 91789



WHAT IS CONNECT 4?

Connect 4 is a process overseen by the High School Outreach (HSO) team, under the direction of the Counseling department. Connect 4 assists graduating in-district high school seniors in their transition to Mt. SAC. Students who successfully complete the 4 steps with their HSO Specialist will receive *Early Registration for Fall!*

WHAT ARE THE CONNECT 4 STEPS?

STEP 1 Apply for Fall admission at your high school

STEP 2 Take the **Assessment Test** at your high school

STEP 3 Attend **New Student Orientation** +Ed Plan at Mt. SAC

STEP 4 Register on your **Early Registration** date

WHO IS YOUR HSO SPECIALIST?

My HSO Specialist is: _____

Email: _____

Phone Number: _____

For a listing of all HSO Specialist, please visit our website: <http://mitsac.edu/hso/>



WHY CONNECT 4?

Early
Registration

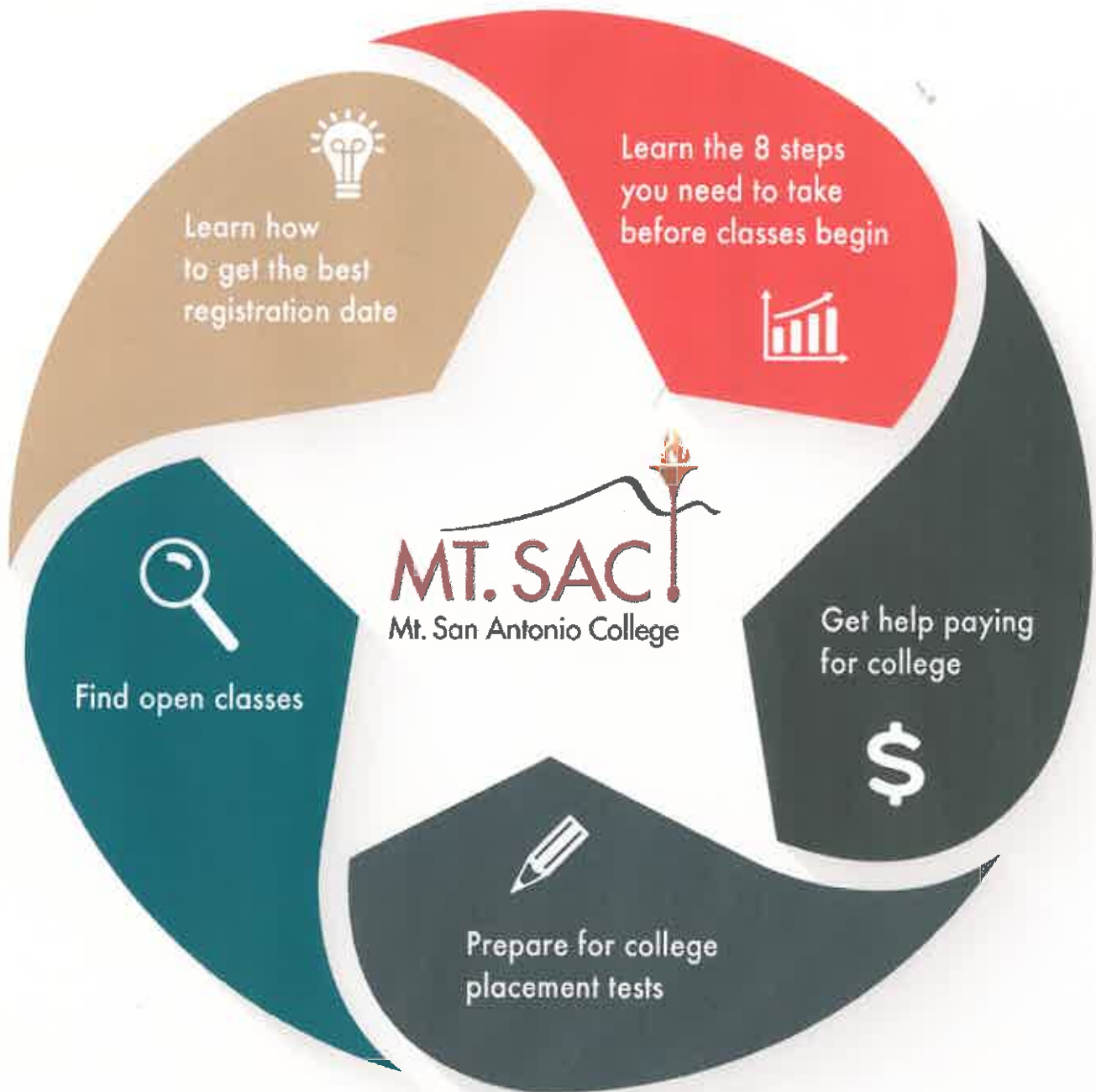


Programs &
Resource
Information

Get Help!
To make your
transition to
Mt. SAC
SUCCESSFUL!

Mt. SAC Information Sessions

Provided by the Mountie STARS Program



**FREE
EVENT**

Multiple
sessions
available
each month!



Find dates
and sign up at
[http://www.mtsac.edu/
hso/STARInfoSession.html](http://www.mtsac.edu/hso/STARInfoSession.html)



Mountie STARS Info Sessions

Student Transition And Resource Services

Agenda

- Welcome to Mt. San Antonio College
- Ice Breaker
- 6 Steps to Registration
- The student experience (Things I wish I'd have known)
- Campus Resources
- Mini-tour
- Review Game
- Q & A
- Evaluation

Mt. San Antonio College



The mission of Mt. San Antonio College is to support students in achieving their educational goals in an environment of academic excellence.

Mt. SAC Quiz

- Let's take a quick Mt. SAC quiz, so that we can tailor the presentation to meet your needs
- Please answer the following questions using the iClickers

1. How are you feeling about starting school at Mt. SAC?

- A. Nervous
- B. Anxious
- C. Ready
- D. Excited



2. How many steps are there in the registration process?

- A. 5
- B. 8
- C. 6
- D. I don't know

3. Which step is recommended that you complete before orientation?

- A. Take an assessment exam
- B. Visit the counseling center
- C. Get your student ID
- D. Enroll in classes

4. Where can you pay your student fees?

- A. In person at the Financial Aid Office
- B. Online through the “My Mt. SAC Student Account”
- C. In person at the Bursar’s Office
- D. Both B & C

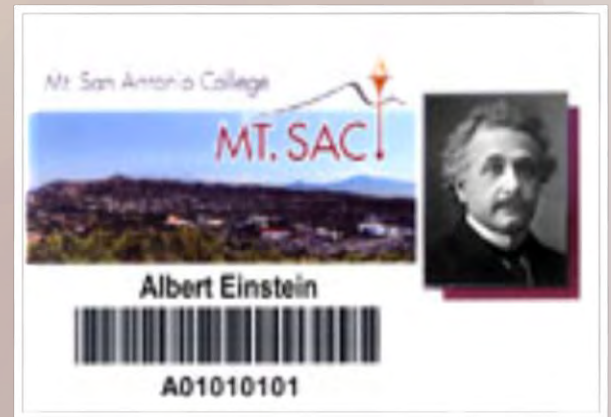
5. How often should you apply for financial assistance (FAFSA or California DREAM Act)?

- A. Every semester you plan to attend school
- B. Only during your first semester at school
- C. Every year you plan to attend school
- D. Never



6. When can you get your Mt. SAC ID card?

- A. Whenever you want
- B. During orientation
- C. Any time after enrolling and paying fees
- D. On the first day of classes



Ice Breaker

PEOPLE BINGO

Instructions:

- Each square must be signed by a different person
- Win by connecting a: vertical, horizontal, or diagonal line
- Prizes available for the first three winners

Registration Process

Six easy steps to becoming a Mt. SAC Mountie

1. Apply
2. Get Assessed
3. Attend Orientation
4. Get Counseling
5. Register
6. Pay Fees



Claiming your Account and Using the Student Tab

SunGard Higher Education | https://myportal.mtsac.edu/tag_b65df3f1ed7fdb3.render.userLayoutRootNode.uP?uP_root=root&uP_sparam=activeTab&activeTab=u909691s13&uP_tparam=frm&frm=

My Account Content Layout | You are currently logged in. | eMail | Groups | Logout | Help

Home | College Library | **Student** | Student Success | Financial Aid | eLearning Tools | Employee | August 12, 2014

Personal Announcements

UC Transfer Admission Guarantee (TAG) & Workshops
Culinary Arts Certificate in One Semester - Apply Today
Satisfy Your Math Transfer Requirement with Math 70S and Math 110S
Change in Registration Appointment Process

Campus Announcements


There are no announcements

Update Mailing Address

Help us keep you informed! Update your mailing address.

[View / update your current mailing address](#)

[See screenshot instructions](#)



My Courses (Course Studio)

Students:
View your course schedule, access your course home pages, email your professors, communicate with classmates, and access many more course-related materials.

Professors:
Access your Course Studio Tools including sending email to your students.

Important Phone Numbers

Department	Phone	Building
Admissions	909-274-4415	9B, 1st level
Arts Division	909-274-5200	16, Room 3
Assessment	909-274-4265	9B, 1st level
Bursar	909-274-4960	4
Business Division	909-274-4600	17-15
Continuing Education Division	909-274-4220	40-104
Counseling	909-274-4300	9D, 2nd level
Financial Aid	909-274-4450	9B, 2nd level
HELP DESK	909-274-4357	23

Student Self Service

Registration

1. Apply for Admission
2. Review Existing Application
3. Select Term
4. Register (Add or Drop) Classes
5. Change Class Grading Option
6. Week at a Glance
7. Registration Fee Assessment
8. Registration Appointment/Hold
9. Active Registration
10. Registration History
11. Print Your Schedule/Receipt
12. Search for Classes
13. View Your Waitlist

Student Records

14. View Assessment/Placement Test Scores
15. View Holds
16. Final Grades
17. Grade Detail
18. View Unofficial Transcript
19. Request Official Transcript
20. View Status of transcript Request
21. View College Catalog
22. View Student Information
23. Request Enrollment Verification

Student Account

24. Account Summary (Year to Date Totals)
25. Account Summary by Term (Pay Fees)
26. Account Detail for Term
27. Statement and Payment History
28. Select Tax Year
29. Tax Notification
30. View Holds
31. Purchase a Parking Permit

Personal Information

32. View Addresses and Phones
33. Update Addresses and Phones
34. View E-mail Addresses
35. View Emergency Contact
36. Update Emergency Contacts
37. Update Marital Status
38. Name Change Information
39. Social Security Number Change Information
40. Display PIN
41. Update Your Emergency Contact Information
42. Voter Registration Website

Mountie Academic Plan

43. MAP
44. Change Major

Student Life

Classes Dropped-for-Nonpayment

[View Classes Dropped-for-Nonpayment](#)

Department & Program Information

- A.C.E.S. Program
- Admissions and Records
- Assessment Center
- Aspire
- Bridge Program
- Bursar's Office
- CalWORKS
- Career Services
- Counseling
- DSPS
- EOPS
- Financial Aid
- Health Services
- High School Outreach
- Re-Entry Center
- Student Life
- Transfer Center
- Veteran's Affairs

Get Assessed - Step 2

Placement Testing



- Take an English, Math, and Reading Placement Test
- The Assessment Center is located in Bldg. 9B
- Appointments may be scheduled online or over the phone
- Sample exams are available online at <http://www.mtsac.edu/assessment/testinfo.html>
- Test scores are valid for two years
 - Students may take the same test after three months
 - Students may take a different level exam immediately upon availability
- Test scores may be viewed on your "[My Mt. SAC Student Account](#)" -> Student Tab -> #14: View Assessment/Placement Test Scores

Taking the Test

Requirements for Testing:

- Schedule an appointment
- Bring Photo ID (e.g. Driver's License or HS ID)
- Bring your Mt. SAC ID Number (e.g. A01234567)
- Arrive 15 Min. Early

Attend Orientation - Step 3

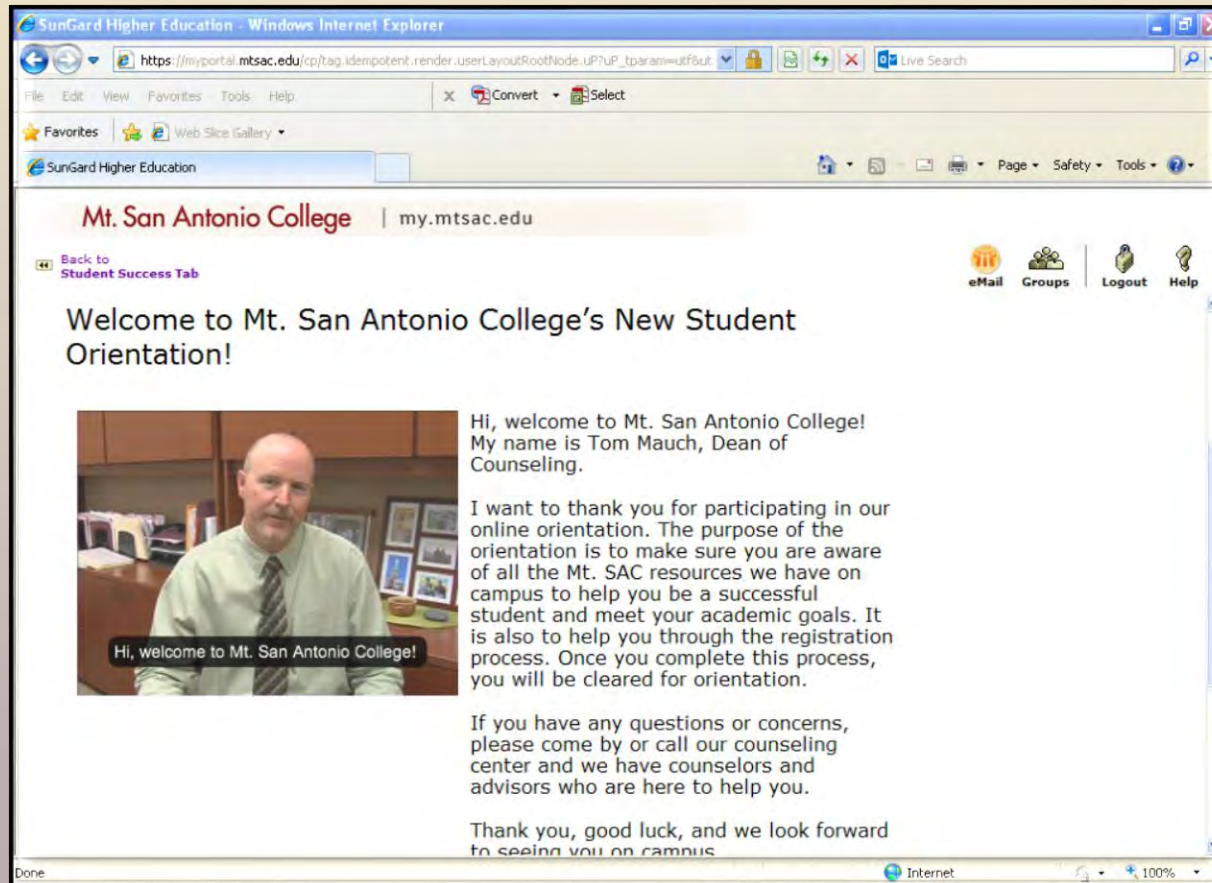
- Orientation is required for all new students who are enrolling at Mt. SAC



Two types of orientation:

- In Person Orientation: Schedule an appointment through the Counseling Center.
 - In person (Bldg. 9B upper level) or by phone 909.274.4380
- Online Orientation: "My Mt. SAC Student Account" -> Student Success Tab -> Online Orientation -> Go to Online Orientation
- It is recommended that students complete the assessment test prior to Orientation

Online Orientation



The screenshot shows a Windows Internet Explorer browser window displaying the online orientation page for Mt. San Antonio College. The browser's address bar shows the URL: https://myportal.mtsac.edu/cp/tag.idempotent.render.userLayoutRootNode.uP?uP_tparam=utf&out. The page header includes the college name "Mt. San Antonio College" and the URL "my.mtsac.edu". A navigation bar contains links for "Back to Student Success Tab", "eMail", "Groups", "Logout", and "Help". The main heading reads "Welcome to Mt. San Antonio College's New Student Orientation!". Below this is a video player featuring a man in a light green shirt and tie, identified as Tom Mauch, Dean of Counseling. A caption below the video reads "Hi, welcome to Mt. San Antonio College!". To the right of the video, the text reads: "Hi, welcome to Mt. San Antonio College! My name is Tom Mauch, Dean of Counseling. I want to thank you for participating in our online orientation. The purpose of the orientation is to make sure you are aware of all the Mt. SAC resources we have on campus to help you be a successful student and meet your academic goals. It is also to help you through the registration process. Once you complete this process, you will be cleared for orientation. If you have any questions or concerns, please come by or call our counseling center and we have counselors and advisors who are here to help you. Thank you, good luck, and we look forward to seeing you on campus."

Get Counseling - Step 4



Counselors are available to help you if you:

- Are undecided about your major or career goal
- Need assistance in planning your educational and/or career goal - Mountie Academic Plan (MAP)
- Need assistance in choosing a transfer institution
- Have personal problems that impact your college success

Register - Step 5

- Check your registration appointment through your "My Mt. SAC Student Account"
 - Student Tab -> #8. Registration Appointment/Hold
- Search the Schedule of Classes
 - Plan your class schedule, have alternative options
 - Use the Search for Classes Function
 - <http://www.mtsac.edu/searchforclasses/>
- Register through your "My Mt. SAC Student Account"
 - Student Tab -> #4. Register (Add or Drop) Classes
- Print your schedule
 - Student Tab -> #11. Print your Schedule/Receipt

Registration Appointment/Holds

SunGard Higher Education - Windows Internet Explorer

https://myportal.mtsac.edu/cp/tag.idempotent.render.userLayoutRootNode.uP?uP_tparam=uf6uit

File Edit View Favorites Tools Help

Convert Select

SunGard Higher Education

Mt. San Antonio College | my.mtsac.edu

Back to Student Tab

eMail Groups Logout Help

You may register during the following times

From	Begin Time To	End Time
Jul 24, 2014	10:00 am	Dec 14, 2014 11:59 pm

- ✓ You have no Holds which prevent registration.
- ✓ Your Academic Standing permits registration.
- ✓ Your Student Status permits registration.

Your Class for registration purposes is First Time Freshman.

Curriculum Information

Current Program

AA-Transfer	
Level:	Credit
Program:	Psychology
Admit Term:	Fall 2014
Admit Type:	Standard
Catalog Term:	Fall 2014
College:	Mt. San Antonio College
Campus:	Mt. San Antonio College
Major and Department:	Psychology, Psychology & Education

[View Holds | Add or Drop Classes]

Done Internet 100%

Registration Tips

- Searching for Classes:

The screenshot shows the Mt. San Antonio College website. The header includes the college logo, name, and tagline "Celebrating excellence and distinction!". Navigation links include "About Mt. SAC", "Apply Now", "Admissions", "Students", "Alumni & Friends", "Academics", "Catalog", "Class Schedule", and "Calendars". A search bar is located in the top right corner. The main content area features a banner for the "2014 FALL SCHEDULE of CLASSES" with a smiling man's face. Below the banner is a breadcrumb trail: "Home > Sac Book Rac > Connec > Connec > Apply to Mt. SAC Now > Schedule of Classes". The main heading is "Schedule of Credit & Noncredit Classes". The text explains that class schedules for credit and continuing education are combined into one booklet. It also mentions the Continuing Education Division offers various programs. A note states that the schedules are accurate at the time of printing and directs users to the "Search for Credit Classes" page. On the right side, there are links for "Apply to Mt. SAC", "Apply to Mt. SAC Online", "Apply for Financial Aid", "Online BOG Fee Waiver Application Process", "Schedule of Classes", "2014 Fall", "2014 Summer", "2014 Spring", "Resources", "Open Class List", "Search for Classes", "Academic Calendar", and "College Catalog".

Mt. San Antonio College
Celebrating excellence and distinction!

A - Z LINKS MAPS MY Mt. SAC EMPLOYEES Mt. SAC HOME

mountiaSearch

About Mt. SAC Apply Now Admissions Students Alumni & Friends Academics Catalog Class Schedule Calendars

2014 FALL SCHEDULE of CLASSES

Sac Book Rac Connec Connec Apply to Mt. SAC Now Schedule of Classes

Schedule of Credit & Noncredit Classes

The class schedules for credit and continuing education classes are now combined into one, convenient booklet. If you are looking for classes, click on the semester for which you want classes to view both the credit and continuing education schedules for that semester.

The Continuing Education Division offers a variety of adult education, personal development, job training, professional certificate and recreational programs for residents in surrounding communities. Courses and programs have been organized in two general categories: noncredit Adult Education (tuition-free) and Community Services and Professional Development (fee-based).

NOTE: These class schedules are accurate at the time of printing. For the most current information regarding availability of credit classes, please visit the "[Search for Credit Classes](#)" page.

Apply to Mt. SAC
Apply to Mt. SAC Online
Apply for Financial Aid
Online BOG Fee Waiver
Application Process

Schedule of Classes
2014 Fall
2014 Summer
2014 Spring

Resources
Open Class List
Search for Classes
Academic Calendar
College Catalog

Registration Tips

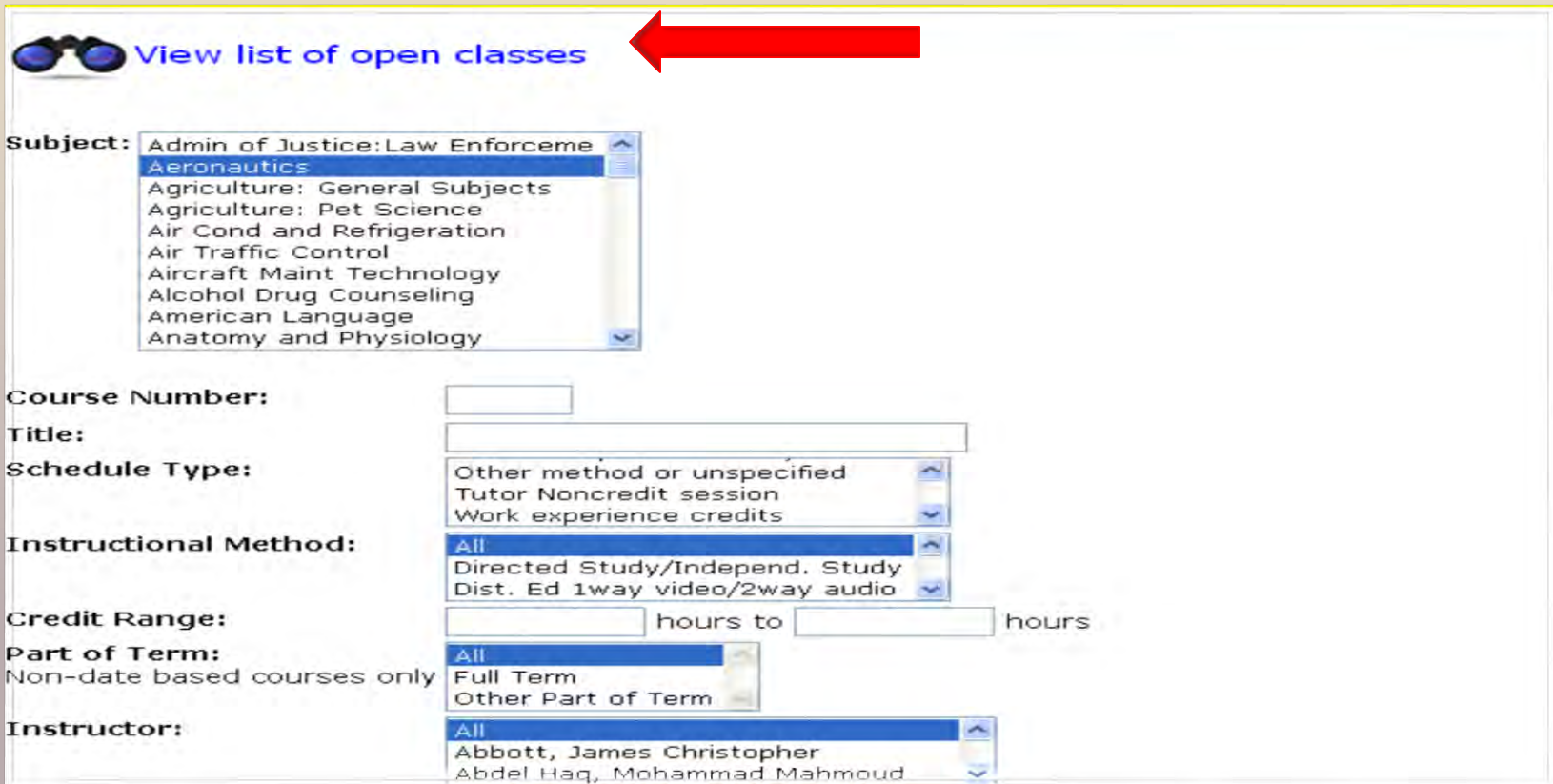
- Searching for Classes:




The screenshot shows the registration system interface for Mt. San Antonio College. At the top, the logo for MT.SAC and the text "Mt. San Antonio College" are displayed. Below the logo, there are links for "HELP" and "EXIT". The main heading is "Select Term or Date Range", and the current date and time are shown as "Jul 30, 2014 12:07 pm". A yellow horizontal line separates the header from the main content area. Below the line, there is a link with a magnifying glass icon that says "View list of open classes". Underneath, the "Search by Term:" section features a dropdown menu currently set to "Fall 2014". Below the dropdown are two buttons: "Submit" and "Reset". A horizontal line separates the search area from the footer, which contains the text "RELEASE: 8.5.1" and "© 2014 Ellucian Company L.P. and its affiliates."

Registration Tips Cont.

- Searching for classes (cont.):



 [View list of open classes](#) ←

Subject: Admin of Justice:Law Enforceme
Aeronautics
Agriculture: General Subjects
Agriculture: Pet Science
Air Cond and Refrigeration
Air Traffic Control
Aircraft Maint Technology
Alcohol Drug Counseling
American Language
Anatomy and Physiology

Course Number:

Title:

Schedule Type: Other method or unspecified
Tutor Noncredit session
Work experience credits

Instructional Method: All
Directed Study/Independ. Study
Dist. Ed 1way video/2way audio

Credit Range: hours to hours

Part of Term: All
Non-date based courses only Full Term
Other Part of Term

Instructor: All
Abbott, James Christopher
Abdel Haq, Mohammad Mahmoud

Registration Tips Cont.

- Searching for classes (cont.):



A B C D E F G H I J K L M N O P Q R S T U V W X Y Z ALL

Open Classes for Fall 2014

This page lists Mt. SAC classes with at least two open seats and is updated approximately every five minutes. Click the refresh button on your browser to see the latest list of open classes.
 If you find a class you would like to take, [click here](#) to login to the portal and click the **#4 Register (Add or Drop) Classes** link on the Student tab to register for the class.

Note: If no results are displayed, click your browser's refresh button as results may be in the process of updating. If classes are not listed after the refresh, open classes may not be available.

Number of records displayed: 1089

Subject	Course Number	CRN	Start Time	End Time	Start Date	End Date	CRS DAYS	ROOM	Division	Instructor	Seats Available
AD	10	21073	1710	1845	25-AUG-14	14-DEC-14	Th	28B-208	ATHS	Garett Staley	8
AD	13	21076	1715	1845	25-AUG-14	14-DEC-14	M	28B-208	ATHS	John Smith	10
AD	14	21078	1715	1845	25-AUG-14	14-DEC-14	M	28B-208	ATHS	John Smith	10
AD	4	21083	1500	1810	25-AUG-14	14-DEC-14	Th	28B-203	ATHS	John Likens	11
AD	5	21085	1710	1855	25-AUG-14	14-DEC-14	M	28B-203	ATHS	Garett Staley	8
AD	5	23383	1600	1735	25-AUG-14	14-DEC-14	F	28B-204	ATHS	Garett Staley	20
AD	6	21086	1500	1815	25-AUG-14	14-DEC-14	F	28B-208	ATHS	John Smith	14
AD	6	21087	1900	2210	25-AUG-14	14-DEC-14	M	28B-201	ATHS	John Smith	7
AD	9	21090	1900	2210	25-AUG-14	14-DEC-14	T	28B-208	ATHS	John Smith	2
AD	9	21091	1130	1445	25-AUG-14	14-DEC-14	F	28B-208	ATHS	John Smith	10
ADJU	20	23382	1900	2210	25-AUG-14	14-DEC-14	Th	28B-203	ATHS	STAFF	2

Registration Tips Cont.

- Enrolling in classes through "My Mt. SAC Student Account" :

Before attempting to register for a class, check to make sure the class is open (and the wait list is not filled) at the class schedule search page (https://prodssb.mtsac.edu/prod/pw_sigsched.p_Search). **MT. SAC's IT Acceptable Use policy** (http://www.mtsac.edu/administration/infosecurity/acceptable_use.html) prohibits intentionally or negligently performing an act that places an excessive load on a computer or network to the extent that other users may be denied service. Use of scripts or excessive, repeated unsuccessful registration attempts may result in the placement of a temporary hold on your account.

To add a class, enter the Course Reference Number in the Add Classes section. To drop a class, use the options available in the Action pull-down list.

Without petitioning, students may enroll in up to 18 units each semester and up to 7 units each summer and winter intersession. Students who have completed a minimum of 15 college units in a given semester with a grade point average of at least 3.0 and have a minimum cumulative grade point average of at least 3.0 may petition for permission to enroll in units above the maximum. Students wishing to exceed the maximum number of units allowed must contact the Counseling Office (X-4380).

MAXIMUM NUMBER OF UNITS ENROLLED

Term	Good Standing	Probation Standing
Spring/Fall	18	12
Winter/Summer	7	4

Current Schedule

Status	Action	CRN	Subj	Crse	Sec	Level	Cred	Grade	Mode	Title
Web Registered on Jul 16, 2014	None	20076	ENGL	1A	07	Credit	4.000	Standard	Letter	Grade Freshman Composition
Web Registered on Jul 16, 2014	None	20610	HIST	19	01	Credit	3.000	Standard	Letter	Grade History of Mexico
Web Registered on Jul 16, 2014	None	20875	SPCH	1A	44	Credit	4.000	Standard	Letter	Grade Public Speaking
Web Registered on Jul 21, 2014	None	21520	KINF	38	09	Credit	1.000	Standard	Letter	Grade Aerobics

Total Credit Hours: 12.000
Billing Hours: 12.000
Minimum Hours: 0.000
Maximum Hours: 18.000
Date: Jul 31, 2014 09:38 am

Add Classes Worksheet

CRNs



Getting on The Waitlist

(https://prodssb.mtsac.edu/prod/pw_sigsched.p_Search). Mt. SAC's IT Acceptable Use policy (http://www.mtsac.edu/administration/infosecurity/acceptable_use.html) prohibits intentionally or negligently performing an act that places an excessive load on a computer or network to the extent that other users may be denied service. Use of scripts or excessive, repeated unsuccessful registration attempts may result in the placement of a temporary hold on your account.

To add a class, enter the Course Reference Number in the Add Classes section. To drop a class, use the options available in the Action pull-down list.

Without petitioning, students may enroll in up to 18 units each semester and up to 7 units each summer and winter intersession. Students who have completed a minimum of 15 college units in a given semester with a grade point average of at least 3.0 and have a minimum cumulative grade point average of at least 3.0 may petition for permission to enroll in units above the maximum. Students wishing to exceed the maximum number of units allowed must contact the Counseling Office (X-4380).

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Web Registered on Jul 21, 2014	None	21520	KINF	38	09	Credit	1.000	Standard	Letter	Grade Aerobics

Total Credit Hours: 12.000
 Billing Hours: 12.000
 Minimum Hours: 0.000
 Maximum Hours: 18.000
 Date: Jul 31, 2014 09:45 am

Registration Add Errors

Status	Action	CRN	Subj	Crse	Sec	Level	Cred	Grade	Mode	Title
Class Open only to students from the Waitlist	None None Wait List	20332	SPAN	1	07	Credit	4.000	Standard	Letter	Grade Elementary Spanish

Add Classes Worksheet

CRNs

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------



What if the class I want is full?

- Add yourself to wait list
- Attend the first day of class
- Ask the professor for an add code
 - Be persistent
- Consider enrolling at a different time, or taking a different class



Pay Fees - Step 6

- Enrollment Fees vary depending on residency status
 - Residents: \$46/unit
 - International & Non-Resident Students: \$262/unit
 - Eligible Non-Residents may submit the [AB 540 Affidavit](#) to pay for resident fees
- Drop-for-Nonpayment
 - Payment for all fees is due upon registration
 - Failure to pay before the established deadlines will result in being dropped from classes
- Financial Assistance is available for students who qualify

Where to pay

- In-person: Bursar's Office in Building 4
- Online: Log into your "My Mt. SAC Student Account" at my.mtsac.edu
 - Student Tab -> # 25: Account Summary by Term -> Pay Fees by Credit Card -> Select a Term -> Submit



Financial Aid - Apply Yearly!

- Free Application for Federal Student Aid
 - Mt. Sac Federal School Code: 001245
- California DREAM Act
- Board of Governor's (BOG) Fee Waiver



Types of Aid

- **Grants** (i.e. Cal Grant): Free to students who qualify; do not need to be paid back
- **Scholarships**: Free to students who qualify; do not need to be paid back
- **Loans** (subsidized): Students interested in receiving loans must complete the FASFA to determine eligibility, and meet additional requirements. Loans are only available for the fall & spring semester. Loan seminar must be attended. Loans must be paid back, and will accrue interest.

Mt. SAC Card

<https://mtsaccard.higheroneaccount.com/>



All students receive a Mt. SAC Card

- You must activate the card once you receive it by:
 - Setting up a HigherOne Checking account, or
 - Setting up an automatic transfer to your current bank account, or
 - Setting up the checks by mail option.

You will receive your financial aid and/or any refunds through this card.

The Student Experience: Things I wish I'd known...

- What are your educational goals? How has Mt. SAC prepared you for them?
- What are some of the highlights you've experienced at Mt. SAC?
- Have you encountered any obstacles while attending college? If so, how did you overcome these?
- What advice do you have for new students at Mt. SAC?

Campus Resources

- Packet of campus resources available in your folder



Mini Campus Tour

- Please follow our student ambassador on a mini campus tour
- Key Areas:
 - Assessment Center
 - Counseling Office
 - Financial Aid Office
- Prepare questions for when you return



Mt. SAC Quiz

- Please answer the following questions using the iClickers

1. How are you feeling about starting school at Mt. SAC?

- A. Nervous
- B. Anxious
- C. Ready
- D. Excited



2. How many steps are there in the registration process?

- A. 5
- B. 8
- C. 6
- D. I don't know

3. Which step is recommended that you complete before orientation?

- A. Take an assessment exam
- B. Visit the counseling center
- C. Get your student ID
- D. Enroll in classes

4. Where can you pay your student fees?

- A. In person at the Financial Aid Office
- B. Online through the student "My Mt. SAC Student Account"
- C. In person at the Bursar's Office
- D. Both B & C

5. How often must you apply for financial assistance (FAFSA or California DREAM Act)?

- A. Every semester you plan to attend school
- B. Only during your first semester at school
- C. Every year you plan to attend school
- D. Never

6. When can you get your Mt. SAC ID card?

- A. Whenever you want
- B. During orientation
- C. Any time after enrolling and paying fees
- D. On the first day of classes

Your turn to ask questions



Please complete a brief evaluation of this workshop.

Results are:

- Used for program improvement

Contact Information

High School Outreach

outreach@mtsac.edu

909.274.5906

follow your . . .

STUDENT

ROADMAP

to **SUCCESS**

Get Help

Get Tutoring

Get Started

Get Involved

Get Going

Get A Plan

Thanks to **Roadmap**, you no longer have to search multiple places on our website for information about:

- ✓ registration
- ✓ financial aid
- ✓ tutorial services
- ✓ counseling & educational planning
- ✓ student life
- ✓ campus job
- ✓ university transfer
- ✓ graduation

Roadmap is your one-stop site, designed with your convenience and success in mind.

Visit: <http://roadmap.mtsac.edu>



STEP into College: June 23-July 3, 2015



What will you get with STEP?

- Assistance with Fall course registration by trained College Counselors
- Priority Registration for fall classes
- Campus tours to help you navigate the campus and learn about students services
- FUN, yes, FUN learning activities to get you motivated for Fall semester.

Program details:

- Program runs for 2 weeks, Monday through Thursday
- Choose either morning session: 10:30 am—12:15 pm or afternoon session: 1:10 pm—3:10 pm
- You will get 1 unit of college credit for the Introduction to College class
- Must attend a mandatory "Welcome and Registration" event in early June to guarantee a spot in program.

Limited space, so it's first-come first serve!
To reserve your spot for the "Welcome & Registration" event in June
and/or if you have questions, **EMAIL:**
stepintocollege@mtsac.edu

STEP into College: June 23-July 3, 2015



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and/or if you have questions, **EMAIL:**
stepintocollege@mtsac.edu

Put **YOURSELF** on the



... and **track** your **degree** and **academic progress online!**

With the ***MOUNTIE ACADEMIC PLAN*** (MAP), you can:

- ✓ View your **educational plan** as developed with your counselor.
- ✓ **Track** your CSU, UC, and Mt. SAC degree-applicable **GPA**.
- ✓ **Track** how close you are to earning a **certificate** or **graduating** and **transferring** to your university of choice.
- ✓ View your **degree audit worksheet**, which will detail your progress—course by course—towards your declared degree objective at Mt. SAC.



Get on the **MAP** and stay on track:
<http://map.mtsac.edu>



Tips for the Placement Tests



AWE Information Sessions

WHEN:

Tuesday, September 22nd, 12:30-2pm
Friday, September 25th, 11-12:30pm
Tuesday, September 29th, 3-4:30pm
Tuesday, October 6th, 11-12:30pm
Wednesday, October 7th, 1:30-3pm
Thursday, October 15th, 4:30-6pm
Friday, October 16th, 11:30-1pm
Wednesday, October 21st, 1:30-3pm
Friday, October 23rd, 11:30-1pm
Monday, October 26th, 10:30-12pm
Tuesday, October 27th, 2-3:30pm

The session will review

- How to prepare for the test
- What the readers are looking for
- Strategies & resources to help you do your best

For the A.W.E. Information Sessions, please check in at the **Writing Center** in **Building 26B** for specific location.

MATH Information Sessions

WHEN:

Friday, August 28th, 2-3pm Assessment Center
Thursday, September 3rd, 5:30-6:30pm*
Tuesday, September 8th, 5:30-6:30pm*
Wednesday, September 16th, 3-4pm*
Friday, Sept. 18th, 2-3pm Assessment Center
Thursday, September 24th, 5:30-6:30pm*
Friday, October 2nd, 2-3pm Assessment Center
Friday, Oct 9th, 1:30-2:30pm Assessment Ctr.
Friday, October 16th, 2-3pm Assessment Center
Friday, October 23rd, 2-3pm Assessment Center
Friday, October 30th, 2-3pm Assessment Center



Math Information Sessions will be held in ***Building 6, Room 122 unless otherwise specified.**

Note: This is an informational session only, does not review math content.

To request reasonable disability-related accommodations please contact David Beydler at dbeydler@mtsac.edu at least 5 business days in advance for the scheduled session. For more information, visit www.mtsac.edu/assessment



Math Placement Tests

Please select one of four math placement tests below before taking the test. Refer to the table below to assist you determining which test is appropriate for you.

Previous Math Background	Recommended Test Level	Course Placement (Minimum Score Required)
Never taken Algebra, or took Algebra more than one year ago and need to review it.	Level 1	LERN 48: Basic Math Skills Review LERN 49: Math Skills Review (9) Math 50: Pre-Algebra (17) Math 51: Elementary Algebra (25)
One year of Algebra and/or one year of Geometry completed recently.	Level 2	Math 61: Plane Geometry Math 71: Intermediate Algebra (25)
One year of Geometry and two years of Algebra completed recently.	Level 3	Math 100: Survey of College Mathematics* Math 110: Elementary Statistics Math 120: Finite Mathematics Math 130: College Algebra Math 150: Trigonometry* Math 160: Precalculus (with Trigonometry Supplement Test score of 6 or higher) (21)
Two years of Algebra, one year of Geometry, Trigonometry, Math Analysis, or Precalculus completed recently.	Level 4	Math 140: Calculus for Business (30) Math 180: Calculus and Analytical Geometry (35 with trigonometry subscore of 4 or higher.)

**Please refer to class schedule for other prerequisites.*

Additional Information

- If your score is below the minimum score, please take a lower level test. You have to wait three months to take the same level test again.
- Test scores are valid for two years.
- Calculators are not permitted.

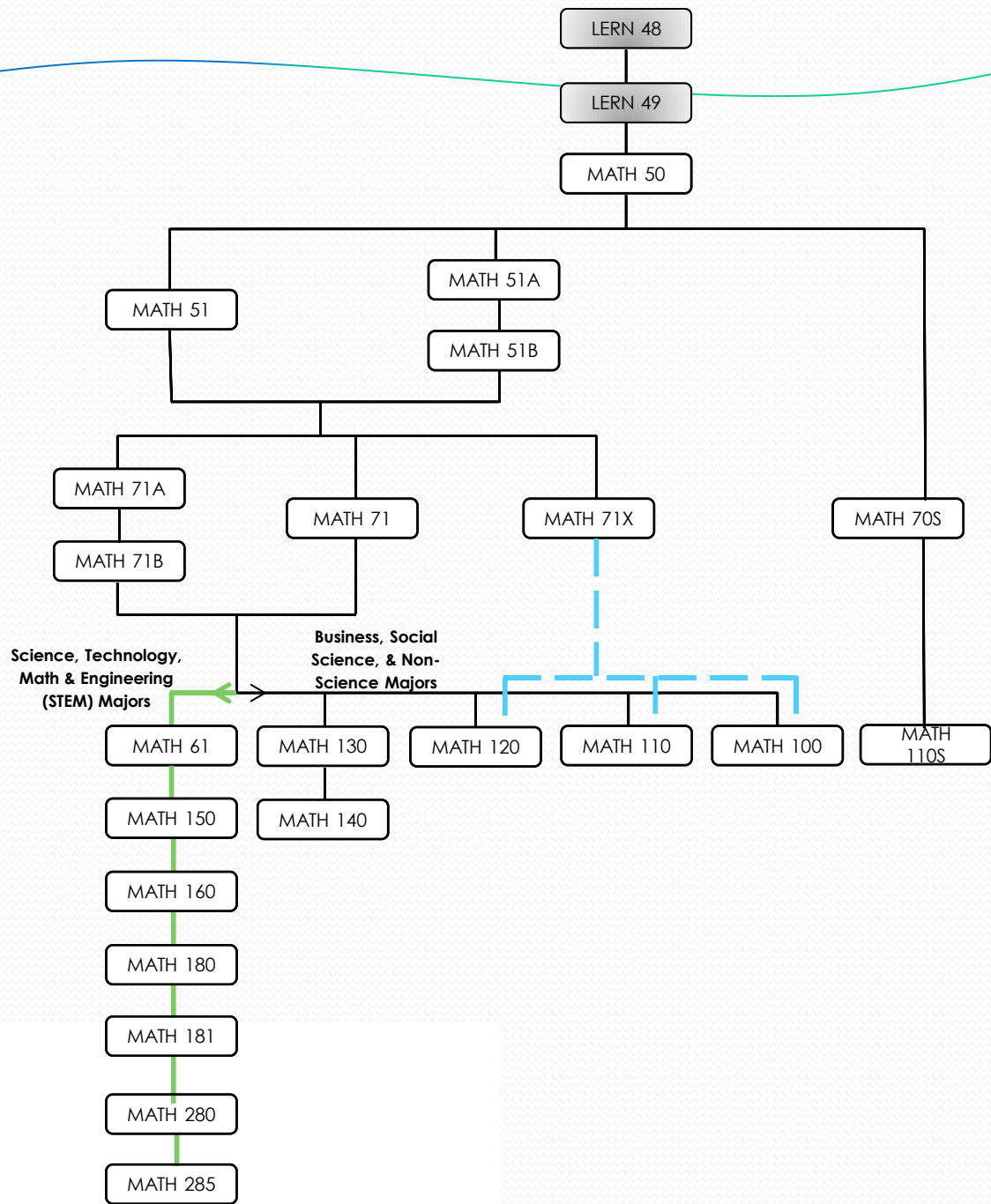
Math Placement Test Info Session

Mt. San Antonio College



About This Presentation

- What are Math Placement Tests?
- Why are they important?
- How can you prepare?



Which Math class first?

- Take Placement Tests to find out
- Placement Tests required for most incoming students
- Goal: Your success!

Which placement Test should I choose?

Background	Recommended Test	Placement
No Algebra, or took Algebra more than 1 year ago	Level 1	LERN 48, 49 Math 50, 51, 51A, 70S
1 year of Algebra and/or 1 year of Geometry (recently)	Level 2	Math 61, 71, 71A, 71X
2 years of Algebra and 1 year of Geometry (recently)	Level 3	Math 100, 110, 120, 130, 150, 160
2 years of Algebra, 1 year Geometry, Trigonometry, Math Analysis, or Precalculus (recently)	Level 4	Math 140, 180

Level 1: Math Placement

45 minutes, 35 questions

Score	Eligibility
0 – 8	LERN 48: Basic Math Skills Review
9 – 16	LERN 49: Math Skills Review
17 – 24	Math 50: Pre-Algebra
25 – 35	Math 51: Elementary Algebra Math 51A: Elementary Algebra – First Half Math 70S: Integrated Intermediate Algebra

Level 2: Intermediate Algebra

45 minutes, 50 questions

Score	Eligibility
0 – 24	Take Level 1 test.
25 – 50	Math 61: Plane Geometry Math 71: Intermediate Algebra Math 71A: Intermediate Algebra – First Half Math 71X: Practical Intermediate Algebra

Level 3: College Level Math

45 minutes, 45 questions

Score	Eligibility
0 – 20	Take Level 2 test.
21 – 45	Math 100: Survey of College Math Math 110: Elementary Statistics Math 120: Finite Mathematics Math 130: College Algebra Math 150: Trigonometry * Math 160: Precalculus **

* Also has geometry prerequisite.

** Might need to take Trigonometry Supplemental Test.

Level 4: Calculus

90 minutes, 60 questions

Score	Eligibility
0 – 29	Take Level 3 test.
30 – 34	Math 140: Business Calculus
35 – 60	Math 140: Business Calculus Math 180: Calculus and Analytic Geometry *

* Must have trigonometry subscore of 4 or higher.

Multiple Measures

- If you receive the following scores, you may be eligible for higher placement.
 - Level 1: 15, 16, 23, 24
 - Level 2: 23, 24
 - Level 3: 19, 20
 - Level 4: 28, 29, 33, 34
 - Trig Supplemental Test: 5

What are the tests like?

(4) Find 65% of 120.

- (a) 185
- (b) 7800
- (c) 78
- (d) 90
- (e) none of these

8. $\frac{x^4y^9}{xy^{-3}} =$

- (A) x^4y^6 (B) x^3y^6 (C) x^3y^{12} (D) x^4y^{12} (E) x^4y^{-3}

Level 1 Test Instruction Sheet

Mt. SAN ANTONIO COLLEGE
Assessment Center

Mt. SAC Math Placement Test



For placement into:

- LERN 48 - Basic Math Skills Review
- LERN 49 - Math Skills Review
- Math 50 - Pre-Algebra
- Math 51 - Elementary Algebra

Instructions

1. Work each problem and mark the answer space which corresponds to your answer.
2. If you find certain questions very time consuming, leave them temporarily. Come back to them after you have gone through the entire test if you have time.
3. The test is designed to place you in the appropriate math course at Mt. San Antonio College. The results will be used for advising purposes and will not be part of your permanent record.
4. In scoring the test only correct answers will be counted. If you have no idea which of the answers to a given question is the correct one, you should leave the question blank. If you happen to guess correctly answers to questions that you do not understand, you may be advised to take a course for which you are not adequately prepared.
5. Calculators are not needed and may not be used in this test.
6. There are 35 questions on this test. You will have 45 minutes to complete the test.
7. Print your name and student I.D. number on the scratch paper. All scratch paper must be turned in when the test is finished.
8. If you have any questions, please ask the proctor.

*** IMPORTANT ***

At the end of the test, you MUST print your test results to complete the test.
(The PRINT icon is located on the bottom left-hand side of the screen.)

Please return the instructions to proctor at the end of the test.

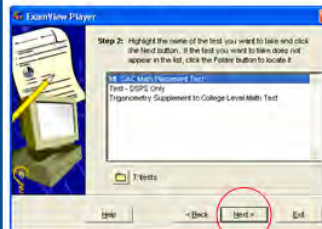
Instruction Sheet

Warning: DO NOT exit the program.

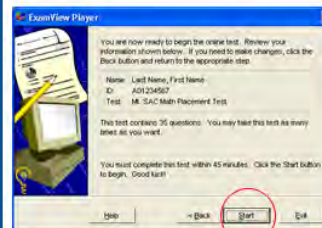
To BEGIN your test:



1. Enter your name: Last Name, First Name
2. Enter your Mt. SAC I.D. Number

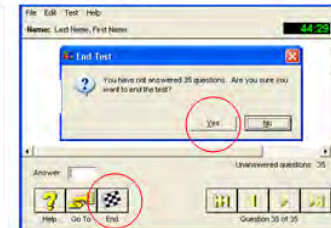


3. Click: Next

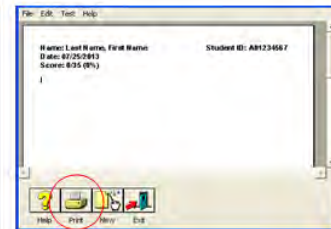


4. Click: Start
(Note: You must wait 3 months to take this test again.)

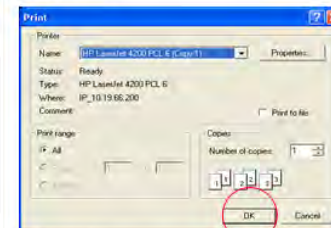
To END your test:



1. Click: End
2. Click: Yes



3. Click: Print



4. Click: OK
5. Turn in scratch paper and this Instruction Sheet to the test proctor

* Instructions for Level 2,3 & 4 are located on the test screen.

FAQ

Q: If I score well on Level 1, can I take Level 2?

A: Yes.

Q: If I score poorly on Level 2, can I take Level 1?

A: Yes.

FAQ

Q: Can I retake the same test?

A: Yes, but you have to wait 3 months.

Q: Do I have to wait to take a different level test?

A: No, but you might have to make another appointment.

FAQ

Q: What do I need to bring?

A: 1. Photo ID

(ex: driver's license, high school ID, passport).

2. Your Mt. SAC ID number

Q: Do I need to bring a calculator, pencil, eraser, and scratch paper?

A: No. (Calculators are not permitted. Pencil, eraser, and scratch paper will be provided.)



FAQ

Q: When will the results be available?

A: Within 24 hours.

Q: How long are test scores valid for?

A: 2 years.

FAQ

Q: Can I use a translator during the test?

A: No.

Q: Should I prepare for the tests?

A: Yes! Yes! Yes!

Why prepare?

- To give you the best chance at success.
- To save time and money!

Example: Math 50 (3 units)

Time: **4 months**

Money: \$46/unit × 3 units = **\$138**

(+ textbook costs, transportation, parking permits,
student health fees, activities fees, etc.)

Resources

Review

- Sample Test Questions (see handout)
- Online practice test (Level 3 and 4 only)
- More practice: marc.mtsac.edu/resources.html
- Khan Academy: www.khanacademy.org

At Mt. SAC

- LARC (Learning Assistance Resource Center, Building 6, Room 101)
- ABE Lab (Building 30, Room 111)

Resources

Textbooks

- Level 1: *Prealgebra* (4th edition), by Tom Carson
- Level 2: *Beginning Algebra* (1st edition), by Messersmith, 2011
- Level 3: *Intermediate Algebra for College Students* (6th edition), by Robert Blitzer, 2013
- Level 4: *Precalculus: Mathematics for Calculus* (6th edition), by Stewart, Redlin, and Watson

Test-Taking Tips

- Do **easy** problems **first**
- Mark **hard** problems to try **later**
- Use all time allowed
- (Side Note: Don't use metered parking!)



Sample Test Questions

- Let's take 15 minutes to try some of sample questions...

Miscellaneous:

What's the Math Competency Test?

- The Math Competency Test allows you to satisfy competency requirements for A.A. and A.S. degrees.
- You don't get course credit
- Test results can't transfer to other colleges
- Can only be taken once

Resources

- Mt. SAC Assessment Center:
- Location: Student Services Center (9B), bottom floor
- Hours: M-Th 8am - 7pm,
F 8am - 4:30pm
- Phone: 909-274-4265
- www.mtsac.edu/assessment



Resources

Assessment Center

Students attending Mt. San Antonio College are required to participate in assessment. The assessment and placement process has been established to enable all students an opportunity to be successful in their course work. In addition, the process allows the faculty to provide instruction at an appropriate level with the knowledge that students will be reasonably prepared.

Quick information on the [English, Math, Reading, and Chemistry Placement Test](#).

After [applying to Mt. SAC](#), you must do the following prior to taking the placement test:

1. [Sign up for Test Information Sessions](#)
2. [Complete the Student Success Inventory](#)
3. [Make an appointment to take the placement test](#)

Please Note:

- [Test results/scores](#) are valid for two years.
- Students may retest after three months.
- Assessment must be completed prior to attending orientation.
- After assessment, your next step in the enrollment process is to make an appointment for [orientation](#).
- Assessment and orientation must be completed prior to registering for courses.

To-Do List

- Decide which level test you're going to take
- Make appointment via Assessment Center
www.mtsac.edu/assessment or 909-274-4265
- Review and prepare for the test
- Complete Student Success Inventory on your my.mtsac account
- Arrive well-rested
- Eat breakfast, snack before test
- Important: Plan to arrive 15 minutes early**

Thank you for coming, and
welcome to Mt. SAC!



For more information on the placement test, please go to
<http://www.mtsac.edu/assessment/testinfo.html>

Level 1

Mt. SAC Math Placement Test

For placement into:

- LERN 48 - Basic Math Skills Review**
- LERN 49 - Math Skills Review**
- MATH 50 - Pre-Algebra**
- MATH 51 - Elementary Algebra**
- MATH 51A - Elementary Algebra – First Half ***
- MATH 70S - Integrated Intermediate Algebra ****

The Mt. San Antonio College Mathematics Department wishes that you have a pleasant experience and success with your math classes at Mt. SAC.

The Level 1 test is **45 minutes** long and consists of **35 questions**. **Calculators are not permitted**. Your score will be used to help determine your math placement according to the following:

Score	Eligibility
0 - 8	LERN 48: Basic Math Skills Review
9 - 16	LERN 49: Math Skills Review
17 - 24	Math 50: Pre-Algebra
25 - 35	Math 51: Elementary Algebra Math 51A: Elementary Algebra – First Half * Math 70S: Integrated Intermediate Algebra **

The material in the placement test is generally covered in a typical pre-algebra course in high school. You will want to refer to the six sample questions that follow. If you wish to consult a reference prior to taking the placement test, you might consult the current Math 50 textbook, available at the Mt. SAC bookstore for purchase, or any pre-algebra textbook.

* Math 51A is the first of a two-sequence course (Math 51A and 51B). Taking both courses is equivalent to taking Math 51, Elementary Algebra.

** Math 70S is the first of a two-sequence course (Math 70S and Math 110S). After taking both courses, the second course (Math 110S) will satisfy your GE Math requirement, and possibly statistics. This sequence is not for STEM majors. See your counselor for details.

A SAMPLE OF 6 QUESTIONS CAN BE FOUND ON THE BACK OF THIS PAGE

Sample Test Questions

The sample questions that follow are designed to inform you of the format and level of expertise required for the placement test. This sample is much shorter than the actual test and does **not** represent all of the topics covered in the test. **Being able to correctly answer these questions does not necessarily guarantee success on the test.**

1. Round 15,764 to the nearest hundred. a. 16,000 b. 15,700 c. 15,800 d. 15,000 e. 15,760	2. Solve for x : $-3x+10=-41$ a. $\frac{31}{3}$ b. -17 c. -48 d. 17 e. $-\frac{31}{3}$	3. During a bowling tournament, David bowled games of 210, 195, 213, 201, 226, and 155. What was his average score for the six games? a. 200 b. 1200 c. 226 d. 201 e. none of these
4. Simplify: $-9-(-14)+5(4^2-3)$ a. 42 b. 70 c. 23 d. 30 e. 10	5. Simplify: $(5x-7)(3x+4)$ a. $15x^2+x-28$ b. $15x^2+x+28$ c. $14x-28$ d. $15x^2+41x-28$ e. $15x^2-x-28$	6. Evaluate if $x=-3$ and $y=\frac{2}{3}$: $-5x^2+3y-x$ a. 50 b. -48 c. 230 d. -40 e. 44

Additional sample test questions are available at
<http://www.mtsac.edu/assessment/testinfo.html>

Answers: 1. c 2. d 3. a 4. b 5. e 6. d

For more information on the placement test, please go to
<http://www.mtsac.edu/assessment/testinfo.html>

Level 2

Intermediate Algebra Placement Test

For placement into:

Math 61 - Plane Geometry
Math 71 - Intermediate Algebra
Math 71A - Intermediate Algebra – First Half
Math 71X - Practical Intermediate Algebra

Mt. San Antonio College Mathematics Department wishes that you have a pleasant experience and success with your classes at Mt. SAC, in particular those offered by the Math Department.

The material in the **Intermediate Algebra Placement Test** is generally covered in the typical first course in Algebra. The topic areas are:

I. Arithmetic Operations, including Signed Numbers, Fractions, Decimals & Percents	V. Graphing
II. Polynomials, including their Operations & Factoring	VI. Rational Expressions and their Operations
III. Linear Equations and Inequalities	VII. Exponents and Square Roots
IV. Quadratic Equations	VIII. Geometric Measurement, including Areas, Perimeters Circumference, and the Pythagorean Theorem

If you wish to consult a reference prior to taking the placement test, you might consult the current Math 51 textbook, available at the Mt. SAC bookstore for purchase, or any elementary algebra textbook.

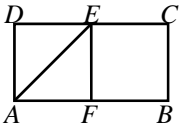
The test is **45 minutes** long and consists of **50 questions**. **Calculators are NOT permitted**. Your score will be used to help determine your placement according to the following:

SCORES	Eligibility
0 - 24	You most likely will not be successful in Math 61 / Math 71. Please take the Mt. SAC MATH PLACEMENT TEST to determine the appropriate placement into LERN 48 / LERN 49 / Math 50 / Math 51 / Math 70S.
25 - 50	Math 61, Math 71, Math 71A, Math 71X

A SAMPLE OF 10 QUESTIONS CAN BE FOUND ON THE BACK OF THIS PAGE

NOTE

The following set of 10 questions is a sample, whose sole purpose is to inform you of the format and level of expertise required for the **Intermediate Algebra Placement Test**. This sample is much shorter than the test and does **NOT** represent all of the topics mentioned on the other side of this page. **BEING ABLE TO CORRECTLY ANSWER THESE QUESTIONS DOES NOT NECESSARILY GUARANTEE SUCCESS ON THE TEST.**

<p>1. $\frac{2}{3} - \frac{3}{4} + \frac{5}{6} = ?$</p> <p>a. $\frac{4}{13}$</p> <p>b. $-\frac{6}{13}$</p> <p>c. $\frac{3}{4}$</p> <p>d. $-\frac{11}{12}$</p> <p>e. $\frac{4}{5}$</p>	<p>2. $\sqrt{72} - \sqrt{18} = ?$</p> <p>a. $3\sqrt{6}$</p> <p>b. $3\sqrt{2}$</p> <p>c. 3</p> <p>d. $3\sqrt{10}$</p> <p>e. $9\sqrt{2}$</p>	<p>3. If $x = 5$ and $y = 3$, then $\frac{4x - y^2}{xy - 7} = ?$</p> <p>a. $-\frac{29}{22}$</p> <p>b. $-\frac{29}{8}$</p> <p>c. $\frac{11}{8}$</p> <p>d. $-\frac{7}{11}$</p> <p>e. $-\frac{1}{2}$</p>
<p>4. In rectangle $ABCD$ below, $AB = 12$ and $AD = 7$, with square $BCEF$. What is the area of triangle AFE ?</p> <div style="text-align: center; margin: 10px 0;">  </div> <p>a. 42</p> <p>b. 24.5</p> <p>c. 84</p> <p>d. 17.5</p> <p>e. 38</p>	<p>5. $\frac{3}{2x} + \frac{x}{2x-6} = ?$</p> <p>a. $\frac{3x}{4x-6}$</p> <p>b. $\frac{x+3}{4x-6}$</p> <p>c. $\frac{3}{2x-4}$</p> <p>d. $x^2 + 3x - 9$</p> <p>e. $\frac{(x^2 + 3x - 9)}{(2x^2 - 6x)}$</p>	<p>6. The point $(?, -3)$ is on the graph of $5x - y = 3x - 5$.</p> <p>a. $(-1, -3)$</p> <p>b. $(5, -3)$</p> <p>c. $(29, -3)$</p> <p>d. $(-4, -3)$</p> <p>e. $(-\frac{8}{5}, -3)$</p>
<p>7. If $3x + y = 9$ and $x = y + 11$, then $y = ?$</p> <p>a. 5</p> <p>b. 6</p> <p>c. -6</p> <p>d. -1</p> <p>e. -12</p>	<p>8. $\frac{x^4 y^9}{xy^{-3}} = ?$</p> <p>a. $x^4 y^6$</p> <p>b. $x^3 y^6$</p> <p>c. $x^3 y^{12}$</p> <p>d. $x^4 y^{12}$</p> <p>e. $x^4 y^{-3}$</p>	<p>9. $(2x - 5)(3x + 2) - (x^2 - 3x - 8) = ?$</p> <p>a. $5x^2 - 14x - 18$</p> <p>b. $5x^2 - 8x - 2$</p> <p>c. $5x^2 - x - 18$</p> <p>d. $5x^2 + 3x - 2$</p> <p>e. $5x^4 - 8x^2 - 2$</p>
<p>10. One of the solutions of the equation $3x^2 - 2x - 8 = 0$ is ?</p> <p>a. $-\frac{4}{3}$</p> <p>b. -2</p> <p>c. $\frac{2}{3}$</p> <p>d. $\frac{4}{3}$</p> <p>e. -4</p>	<div style="border: 1px solid black; padding: 10px; display: inline-block;"> <p>Additional sample test questions are available at http://www.mtsac.edu/assessment/testinfo.html</p> </div>	

For more information on the placement test, please go to
<http://www.mtsac.edu/assessment/testinfo.html>

Level 3

College Level Math Placement Test

For placement into:

- Math 100 - Survey of College Mathematics** (Please refer to class schedule for other prerequisites.)
- Math 110 - Elementary Statistics**
- Math 120 - Finite Mathematics**
- Math 130 - College Algebra**
- Math 150 - Trigonometry** (Please refer to class schedule for other prerequisites.)
- Math 160 - Precalculus** (Trigonometry Supplemental Test may also be required.)

Mt. San Antonio College Mathematics Department wishes that you have a pleasant experience and success with your classes at Mt. SAC, in particular those offered by the Math Department.

The **College Level Math Placement Test** is intended to be taken by students who have completed 3 years of High School mathematics courses, including Algebra I, Plane Geometry, and Algebra II.

The material examined in this test is generally covered in the typical Intermediate Algebra course. The topic areas are:

I. Sets, number systems, properties of real numbers, order of operations, absolute value, and algebraic expressions.	VII. Quadratic and higher order equations and inequalities (including graphing and rational inequalities).
II. Linear equations and inequalities.	VIII. Conic sections (including second-degree inequalities).
III. Operations on polynomials (including factoring).	IX. Linear and non-linear systems of equations (including Cramer's Rule).
IV. Rational expressions (including synthetic division and rational equations).	X. Exponential and logarithmic functions and equations.
V. Exponents and radical expressions (including rational exponents, radical equations, and complex numbers).	XI. Sequences and series (including the binomial theorem).
VI. Linear relations and functions (including graphing, distance formula, and variation).	

If you wish to consult a reference prior to taking the placement test, you might consult the current Math 61 and Math 71 textbooks, available at the bookstore for purchase, or any Plane Geometry and Intermediate Algebra textbooks.

The test is **45 minutes** long and consists of **45 questions**. **Calculators are NOT permitted**. Your score will be used to help determine your placement according to the following:

Scores	Eligibility
0 - 20	You most likely will not be successful in Math 100, Math 110, Math 120, Math 130, Math 150 or Math 160. Please take the Intermediate Algebra Placement Test to determine appropriate placement.
21 - 45	Math 110, Math 120, Math 130. For Math 100 & Math 150, please refer to class schedule for other prerequisites. For Math 160, the Trigonometry Supplemental Test may also be required.

NOTE

The following set of 11 questions is a sample, whose sole purpose is to inform you of the format and level of expertise required for the **College Level Math Placement Test**. This sample is much shorter than the test and does NOT represent all of the topics mentioned on the other side of this page. **BEING ABLE TO CORRECTLY ANSWER THESE QUESTIONS DOES NOT NECESSARILY GUARANTEE SUCCESS ON THE TEST.**

<p>1. If $3 - 2x + 4 = -1$, then</p> <p>a. <i>there is no solution</i></p> <p>b. $x = 4$ or -4</p> <p>c. $x = 0$</p> <p>d. $x = 0$ or -4</p>	<p>2. If $S = 2wh + 2wL + 2Lh$, then $h = ?$</p> <p>a. $2S - 2(w + 2L)$</p> <p>b. $S - 2wL - 2Lh - 2w$</p> <p>c. $\frac{S - 2wL}{2w + 2L}$</p> <p>d. $\frac{S}{2}$</p>	<p>3. $\frac{x^{-2} - y^{-2}}{x^{-1} + y^{-1}}$</p> <p>a. $\frac{1}{x - y}$</p> <p>b. $\frac{y - x}{xy}$</p> <p>c. $\frac{1}{x + y}$</p> <p>d. $\frac{x + y}{x^2 - y^2}$</p>
<p>4. $\left(3x^{\frac{1}{5}}\right)\left(8x^{-3}\right)^{\frac{2}{3}} =$</p> <p>a. $\frac{3x^{\frac{11}{5}}}{4}$</p> <p>b. $-16x^{\frac{2}{5}}$</p> <p>c. $-12x^{\frac{11}{15}}$</p> <p>d. $\frac{3x^{\frac{2}{5}}}{4}$</p>	<p>5. If $2x^2 - x - 3 = 0$, then $x =$</p> <p>a. $-\frac{3}{2}$</p> <p>b. $\frac{1 \pm 2\sqrt{6}}{4}$</p> <p>c. $\frac{3}{2}$ or -1</p> <p>d. $\frac{1 \pm 5i}{4}$</p>	<p>6. If $f(x) = x^2 - 5x + 1$, then $f(b - 1) =$</p> <p>a. $b^2 - 7b + 7$</p> <p>b. $b^2 - 5b + 5$</p> <p>c. $b^2 + 3b - 3$</p> <p>d. $b^2 - 5b + 6$</p>
<p>7. The equation $x^2 - 8x - y^2 + 6y + 6 = 0$ is the equation of:</p> <p>a. <i>a parabola</i></p> <p>b. <i>a circle</i></p> <p>c. <i>a hyperbola</i></p> <p>d. <i>an ellipse</i></p>	<p>8. In the system of equations: $3x - y = 4$ $3x + 2y = -5$, $x = ?$</p> <p>a. 3</p> <p>b. -3</p> <p>c. 1</p> <p>d. $\frac{1}{3}$</p>	<p>9. If $\log(x) + \log(x + 3) = 1$, the solution is:</p> <p>a. $x = 2$</p> <p>b. $x = -5$</p> <p>c. $x = 2$ or -5</p> <p>d. $x = \frac{7}{2}$</p>
<p>10. What are the values of x for which $(2x - 5)(x + 3) < 0$?</p> <p>a. $x < -3$ or $x > \frac{5}{2}$</p> <p>b. $-3 < x < \frac{5}{2}$</p> <p>c. $-3 \leq x \leq \frac{5}{2}$</p> <p>d. $x > -3$</p>	<p>11. The equation of the line through $(9, 8)$ and $(3, 6)$ is:</p> <p>a. $y = 3x - 3$</p> <p>b. $y = -\frac{1}{3}x + 11$</p> <p>c. $y = \frac{1}{3}x + 5$</p> <p>d. $y = \frac{1}{3}x - 1$</p>	

Online practice test is available at
<http://www.mtsac.edu/assessment/testinfo.html>

For more information on the placement test, please go to
<http://www.mtsac.edu/assessment/testinfo.html>

Level 4

Calculus Placement Test

For placement into:

Math 140 - Business Calculus

Math 180 - Calculus and Analytic Geometry

Mt. San Antonio College Mathematics Department wishes that you have a pleasant experience and success with your classes at Mt. SAC, in particular those offered by the Math Department.

The Calculus is a challenging course of study, largely because it demands that the student recall and successfully use the algebraic and trigonometric skills developed in the prerequisite math courses. Recency of these prerequisite math experiences is quite often a factor in the student's ability to quickly recall and apply these skills in developing an understanding of the Calculus. Even with a satisfactory score on the "Placement Test", it is **strongly recommended** that the prospective Calculus student extensively review the appropriate topics in Algebra and Trigonometry prior to taking the class.

The test used for placement into the Calculus or Business Calculus will survey your knowledge of topics generally covered in a typical Precalculus course.

THE ALGEBRAIC TOPIC AREAS ARE:

THE TRIGONOMETRIC TOPIC AREAS ARE:

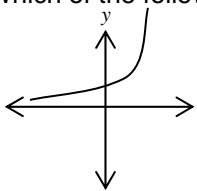
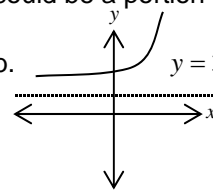
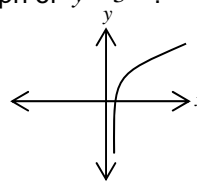
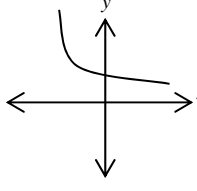
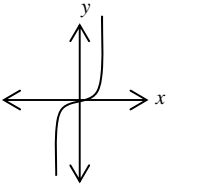
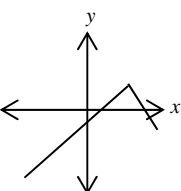
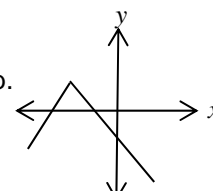
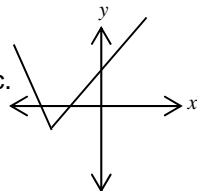
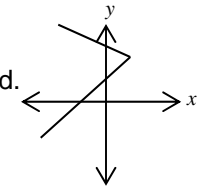
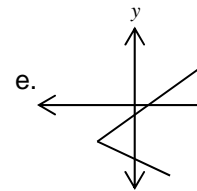
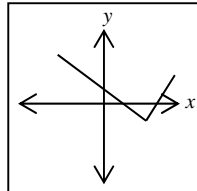
I. Basic algebraic operations: Polynomials, Rational Expressions, and Radical Expressions.	I. The definitions of the six Trigonometric Functions as related to both: (a) Angles in standard position in the Cartesian coordinate plane, and (b) Right Triangles.
II. Functions and Functional Notation; including Logarithms and Exponentials.	II. Degree and Radian Measures, including the exact values of the six functions with respect to special angles. Example: $\sin 240^\circ = \sin \frac{4\pi}{3} = -\frac{\sqrt{3}}{2}$
III. Solving Equations and Inequalities. These equations may involve Polynomials, Rational Expressions, Absolute Values, Logs, Exponentials, Radicals, and Systems with several variables.	III. The basic and general graphs of the trig functions.
IV. Graphing in the Cartesian Coordinate Plane.	IV. Fundamental Identities, including the "Basic Eight"; "Sum /Difference of Angles"; "Double and Half Angles".
	V. Solving Trigonometric Equations.

If you wish to consult a reference prior to taking the placement test, you might consult the current Math 160 textbook, available at the Mt. SAC bookstore for purchase, or any college level Precalculus text that includes both algebraic and trigonometric topics.

The test is **90 minutes** long and consists of **60 questions**. **Calculators are NOT permitted**. Your score will be used to help determine your placement according to the following:

Scores	Eligibility.
0 - 29	You most likely will not be successful in Math 140/Math 180. Please take the College Level Math Placement Test to determine appropriate placement.
30 - 34	Math 140
35 - 60	Math 140 Math 180 WITH qualifying trigonometry subscore of 4 or higher.

On the back of this page are 14 sample questions, whose sole purpose is to give you information concerning the format and typical level of expertise required for the Calculus Placement Test. This sample does **NOT** represent all of the topics on the test. **BEING ABLE TO CORRECTLY ANSWER THESE QUESTIONS DOES NOT NECESSARILY GUARANTEE SUCCESS ON THE ACTUAL TEST.**

<p>1. In the system of equations:</p> $\begin{cases} x-3y=-3 \\ 2x+y=8 \end{cases}, y=$ <p>a. -3 b. -2 c. 0</p> <p>d. 2 e. 3</p>	<p>2. $(27x^{-3}y^6)^{\frac{1}{3}} =$</p> <p>a. $\frac{27y^2}{x}$ b. $\frac{3y^2}{x}$ c. $\frac{y^2}{3x}$</p> <p>d. $\frac{x}{3y^2}$ e. $3xy^2$</p>	<p>3. $\frac{-1}{w+1} - \frac{w+1}{w-1} =$</p> <p>a. $\frac{2-w}{w-1}$ b. $\frac{-w-2}{w+1}$ c. $\frac{-w(w+3)}{w^2-1}$</p> <p>d. $\frac{-w(w-3)}{w^2-1}$ e. $\frac{-w(w-2)}{w^2-1}$</p>
<p>4. $\sqrt[5]{\sqrt{3^{-25}}} =$</p> <p>a. $\frac{1}{9\sqrt{3}}$ b. $\frac{1}{3\sqrt{9}}$ c. $-9\sqrt{3}$</p> <p>d. $\frac{1}{3^{20}}$ e. $\frac{1}{3}$</p>	<p>5. If $f(x) = \frac{3}{x+1}$, for what value of x does $f(x) = 2$?</p> <p>a. 1 b. $\frac{5}{2}$ c. $\frac{1}{2}$</p> <p>d. 2 e. $\frac{2}{5}$</p>	<p>6. The inequality $x^2 - 9 > 0$ is equivalent to:</p> <p>a. $x > 3$ b. $x < -3$ c. $-3 < x < 3$</p> <p>d. $x > 0$ or $x < 3$ e. $x < -3$ or $x > 3$</p>
<p>7. Which of the following could be a portion of the graph of $y = 3^x$?</p> <p>a. </p> <p>b. </p> <p>c. </p> <p>d. </p> <p>e. </p>		
<p>8. The circumference of a circle is directly proportional to the length of its radius, and its area is directly proportional to the square of the length of its radius. If the circumference of a circle is multiplied by 6, then its area is multiplied by:</p> <p>a. $\frac{1}{6}$ b. 6 c. $\frac{1}{36}$</p> <p>d. 36 e. 12</p>	<p>9. If the point $P(2, -5)$ is on the terminal side of angle θ when θ is in standard position, then $\sin \theta =$</p> <p>a. $\frac{2}{\sqrt{21}}$ b. $-\frac{5}{2}$ c. $-\frac{5}{\sqrt{21}}$</p> <p>d. $-\frac{5}{\sqrt{29}}$ e. $\frac{2}{\sqrt{29}}$</p>	<p>10. One of the roots of $2y^2 + 3y - 11 = 0$ is:</p> <p>a. $\frac{-3 + \sqrt{97}}{4}$ b. $\frac{3 - \sqrt{79}}{4}$ c. $\frac{3 + \sqrt{79}}{2}$</p> <p>d. $\frac{-3 + \sqrt{79}}{2}$ e. $\frac{3 - \sqrt{97}}{2}$</p>
<p>11. The graph of $y = f(x)$ is shown in the figure to the right. Which of the following is a graph of $y = f(-x)$? $y = f(x)$</p> <p>a. </p> <p>b. </p> <p>c. </p> <p>d. </p> <p>e. </p> <p style="text-align: right;"></p>		
<p>12. $\frac{a^{-2} - b^{-2}}{a^{-1} + b^{-1}} =$</p> <p>a. $a^{-1} + b^{-1}$ b. $\frac{1}{a-b}$ c. $a-b$</p> <p>d. $\frac{b-a}{ab}$ e. $-\left(\frac{ab}{a-b}\right)$</p>	<p>13. If $0 \leq \theta \leq \frac{\pi}{2}$ and $\sec^2 \theta = 2$, then $\theta =$</p> <p>a. 0 b. $\frac{\pi}{6}$ c. $\frac{\pi}{4}$</p> <p>d. $\frac{\pi}{3}$ e. $\frac{\pi}{2}$</p>	<p>14. If $\ln t = \frac{1}{3} \ln r - \ln s$, then $t =$</p> <p>a. $\frac{\sqrt[3]{r}}{s}$ b. $\frac{rs}{3}$ c. $\frac{1}{3}r - s$</p> <p>d. $\sqrt[3]{r} - s$ e. $\frac{s}{3r}$</p>

Online practice test is available at
<http://www.mtsac.edu/assessment/testinfo.html>

Answers: 1. d 2. b 3. c 4. a 5. c 6. e 7. a 8. d 9. d 10. a 11. c 12. d 13. c 14. a

For more information on the placement test, please go to
<http://www.mtsac.edu/assessment/testinfo.html>

English Test

Assessment of Written English

Test Overview

The Assessment of Written English (AWE) is a placement test that asks you, the student, to give an example of your **best** writing. The AWE measures your writing abilities in order to place you in a writing course where you will experience academic success. At least two professors will be evaluating your paper using these four categories:

- | | |
|-------------------------|--|
| 1. ORGANIZATION: | the logical arrangement of ideas |
| 2. DEVELOPMENT: | sufficient support for your ideas |
| 3. LANGUAGE: | use of vocabulary, grammar and punctuation |
| 4. REASONING and IDEAS: | logical response to the topic |

Course Placement

The AWE is required for placement in English, American Language and for all courses requiring English eligibility. It will place you in one of the following writing courses:

- English as a Second Language (ESL)
- American Language (AmLa)
- LERN 81: Improving Writing
- English 67: Writing Fundamentals
- English 68: Preparation for College Writing
- English 1A: Freshman Composition

Test Directions

You may choose one of three topics to write on. You will have 45 minutes to write. Here are two sample topics:

Sample Topics

1. What was the worst kind of work you ever did? This might have been anything: a paying job, household or school-related chores, volunteer work, etc. Describe the work, explain why you found it unpleasant, and discuss ways that would have made it more satisfying.
2. *“All human actions have one or more of these seven causes: chance, nature, compulsions, habit, reason, passion, desire.” -Aristotle*
Of these seven causes that lead to human actions, which do you find to be most true? Give an example that focuses on one of Aristotle’s seven actions. Explain what kinds of behavior it leads to.

Example writing samples can be viewed at <http://www.mtsac.edu/assessment/testinfo.html>

Survey

It is important to complete the **Student Success Inventory** before taking the test. To complete the survey, please go to: <http://www.mtsac.edu/assessment/pdf/SSIInstruction.pdf> . Your final placement may depend on the answers given.

Test Results

English test results availability is announced during the test, please check with Assessment staff. Test results are available at <https://myportal.mtsac.edu/> or the Assessment Center. Test results are not available over the telephone.

(please see reverse for **FREQUENTLY ASKED QUESTIONS**)

English Placement Test – Assessment of Written English (AWE)

FAQs: Frequently Asked Questions

1. **What type of format/structure does the writing need to have?**

No specific format or structure is required, but good writing is organized. There should be a clear beginning (introduction), middle (development), and end (conclusion) to your writing. If you have taken writing classes before, as you plan your response, think about and apply what you learned about paragraph and essay structure.

2. **Do I have to write a five-paragraph essay?**

While many writing courses teach the five-paragraph essay, you are not required to write a certain prescribed number of paragraphs. Instead, read the prompt/topic carefully and organize your response so you address all parts of the question. This may take more or less than five paragraphs. Keep in mind that a paragraph needs a clear, single topic. Do your best to respond as completely and clearly as you can.

3. **What is the required length of the writing?**

While there is no stated or minimum length, you need to make sure to answer all parts of the prompt clearly and completely. You need a clear topic, organization, well-chosen examples or development, and original ideas. Remember that critical thinking and development are essential to good writing, so make sure to write enough to give an example of your best work.

4. **Can I write in cursive, printing or all capital letters?**

You may write in any style as long as it is legible.

5. **Do I have to use the entire 45 minutes?**

No, but it is recommended that you use the entire 45 minutes to review and edit your work to be sure it is an example of your best writing.

6. **Will I get marked down for crossing things out, for using white-out, or for having messy writing?**

No, but make sure that your writing is as legible as possible.

7. **Do I have to write on paper or can I use a computer to write?**

You have a choice of using pen and paper to write or using a computer to type your work.

8. **If I choose typing, is there spell or grammar check?**

Spell and grammar check are not available.

9. **Can I get a copy of my writing or review it when I get the results?**

For test security, we do not give a copy of the writing to students. Also, the writing is not marked for errors.

10. **If I need to finish a sentence or a word after time is up, can I finish?**

You must finish within 45 minutes.

11. **Can I use pencil or a different color pen?**

You must use a black pen.

12. **Which prompt is best to choose? Will the prompt I choose make a difference in my placement?**

Since all prompts are looked at equally, you should choose the prompt that you feel inspires you to write and that will result in a sample of your best formal writing.

Helpful Resources:

Websites for Grammar and Writing - Native English Writers:

- <http://owl.english.purdue.edu/owl/>
- <http://writing.wisc.edu/>

Websites for Grammar and Writing - Non-Native English Writers:

Grammar:

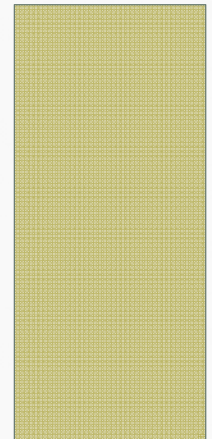
- <http://www.englishclub.com/grammar/>
- <http://www.englishpage.com/verbpage/verbtenseintro.html>
- <http://web2.uvcs.uvic.ca/courses/elc/studyzone/200/grammar/>
- <http://www.manythings.org/rs/>
- http://www.bbc.co.uk/worldservice/learningenglish/grammar/grammar_challenge/index.shtml
- <http://www.englishpractice.com/>
- <http://a4esl.org/q/h/>
- <http://www.chompchomp.com/menu.htm>

Writing:

- <http://www.paragraphpunch.com/>
- <http://owl.english.purdue.edu/>

TIPS FOR A.W.E. PREPARATION

MT. SAN ANTONIO COLLEGE



AWE Tips: OVERVIEW

1. What is the purpose of the AWE?
2. How does it work?
3. What is at stake?
4. What can I do before, during, and after?
5. What are the evaluators looking for?
6. English 1A Placement Writing Sample
7. Example Prompts #1, #2, #3
8. Resources

WHAT IS THE PURPOSE OF THE AWE?

Student success is the purpose.

The purpose of the AWE is to place a student into the writing course where the student has the best chance of success.

Students do not pass or fail the AWE. The placement score is used to place students in the class where they will be successful.

HOW DOES THE AWE WORK?

- A student can choose to use a computer (which has no spell or grammar check) or pen and paper to write.
- This is a 45-minute timed writing test.
- A student chooses one of the topic options given.
- A student completes the Multiple-Measure Success Survey on the last page of the assessment packet. The information on this survey can be used to place students in an appropriate class.
- Two or more AWE Readers will score the writing sample to determine a placement.
- Placement results will be available in 24-72 hours at the Mt. SAC portal or at the Assessment Center.

WHAT'S AT STAKE? CAUSE/EFFECT

Lack of
Sleep/Food



Lack of
Preparation



Lack of
Focus



Lack of
Seriousness



Low Placement Score on the A.W.E.



Increase in semesters
needed to
graduate/transfer

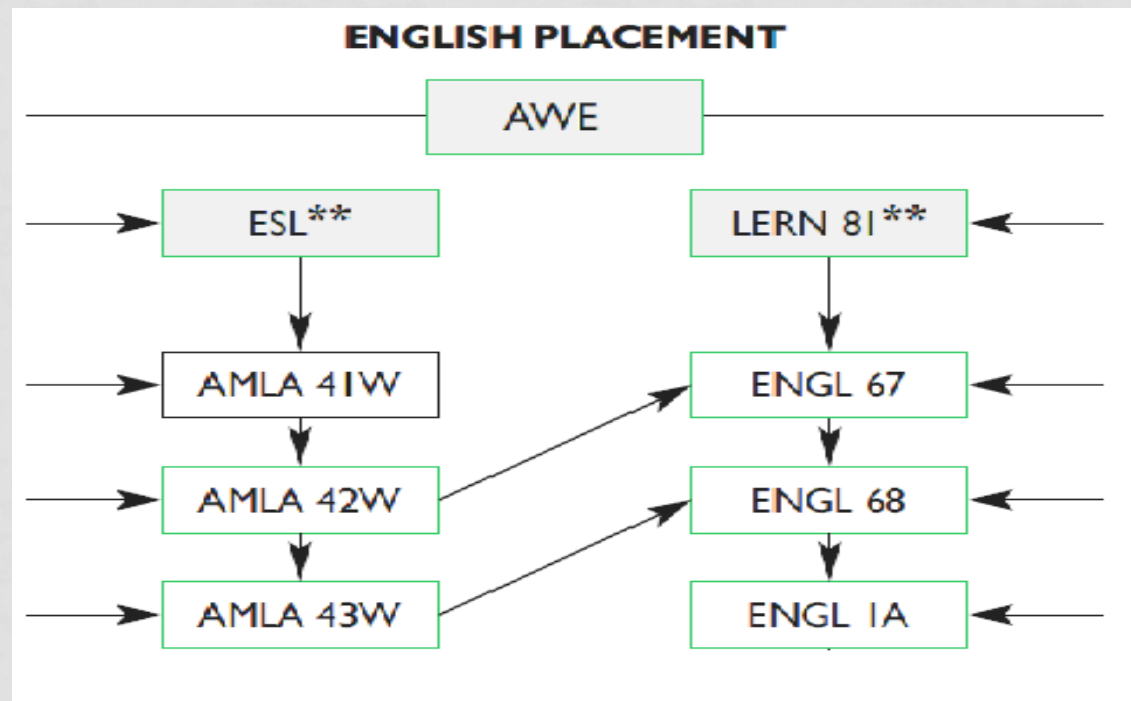
Waste of
Money/Time

Loss of
Motivation

Increase in number
of English courses

ENGLISH COURSES AT MT.SAC

The AWE placement score determines where a student begins the progression of English courses at Mt. SAC:



BEFORE WRITING

1. Look over the [rubric](#), which readers use to score papers. Be familiar with the four categories to be scored: Organization, Development, Language, Reasoning & Ideas.
2. Read over the [AWE writing samples](#) on the Assessment Center website.
3. Read over [Sample Prompts #1, #2, and #3](#).
4. Get enough rest and eat a balanced meal before writing for the AWE.

BEFORE WRITING Continued -

5. Arrive early.
6. Plan to spend one hour and a half total time at the test location for the AWE placement test so that you do not feel rushed.
7. Keep yourself motivated with positive thoughts before and while writing.
8. Reduce stress by taking deep breaths, closing your eyes for a minute, or pausing to relax your shoulders and arms.

WHILE WRITING -

1. Read the topics fully and listen as they are being read aloud.
2. You will then have an opportunity to ask questions related to them. Your questions must be for clarification of topics only. Questions related to content or organization will not be answered.
3. Select the topic that will allow you to give an example of your best writing.
4. Keep in mind that the prompt is more than one simple question; a good essay requires critical thinking. Read the entire prompt and keep all the parts in mind as you write.

WHILE WRITING - Continued

5. You will have 45 minutes to complete your writing. While there is no required length, you should write enough to address all points in the topic completely.
6. Your piece of writing needs a strong topic and focus. Think about this in advance.
7. You may use the scratch paper given to brainstorm or create an outline.
8. Pace yourself to make the best use of your time as you write.

AFTER WRITING -

Finally, read what you wrote. Look for places

- that need punctuation
- that are not clear
- that need more detail
- that need more precise words
- that need examples
- that need more explanation



**** Editing in all these areas can make a difference in being placed higher or lower.**

STUDENT VIDEO TESTIMONIALS

Click on the link to hear Mt. SAC students talk about their AWE Placement Test experiences:

[Student Testimonial Videos](#)

WHAT ARE THE EVALUATORS LOOKING FOR?

Your best writing should include attention to these four (4) areas:

1. **Organization**: Use a standard format that the reader will be able to follow to develop your topic.
2. **Development**: Use specific details and examples to support general ideas.

WHAT ARE THE EVALUATORS LOOKING FOR? Continued -

3. **Language**: Use correct grammar and appropriate vocabulary.
4. **Reasoning & Ideas**: Use ideas that are clear and reasoning that is clear.

** These four areas can be improved with editing.

** Leave some time to go over your work and make corrections before time is up.

STUDENT WRITING SAMPLE:

PROMPT:

Many people play a sport. You might
have played soccer, tennis,
basketball, or ping pong, informally
with friends or formally as part of a
team. Discuss the positive effects this
experience has had on your life. Focus
on this sport's lasting effects.

English 1A Placement Writing Sample

At six years of age, ice hockey became my sport of focus. From skating lessons to shooting drills, passing drills to checking drills and learning the rules of the game, I worked extremely hard to accomplish my goal of becoming an all-around hockey player—pushing myself harder and harder every practice just so it paid off when I had that extra step to go around a defender and score the winning goal. Ice hockey has been a lot more than just a sport; it has helped me on many occasions, such as when my mother passed away, when handed drugs I was smart enough to pass, or even after breaking up with a girl I really liked. Playing hockey has provided me with a team environment where I can set high standards and goals which I fully intend to meet.

In the case of my mom passing away, hockey gave me a place to go and have fun, talk to people, and even let

1A Sample Continued - 2

some suppressed aggression out. If I ever felt depressed, the hockey rink was a perfect place because I had many friends there to have fun with. I could talk to other parents that I believed were like parents to me, too. Out on the ice, taking out aggression was no issue since checking is a legal part of the game.

When the topic of drugs came to pass, there was no possible way because the goals I set for myself couldn't be accomplished if I weren't in the correct state of mind. Hockey is a very demanding sport physically and mentally so I needed to be on my toes at all times. Laziness and depression would just stand in my way of reaching those high standards and goals. Trying my best at all times got me into semi-pro leagues, and I still continue to have my dream to play professionally.

1A Sample Continued - 3

Break-ups are always painful, especially if you are completely emotionally attached. This is where hockey again plays a huge part in my life to help me not think of that person, focus on healthier attitudes, and get over the situation that much quicker. Again to compare, there is checking in ice hockey so any aggression that might have been felt was appropriately dealt with.

To conclude, hockey has provided a great learning and caring environment in which I could do my absolute best while getting over personal problems that I carried at the time. Without this sport, I know that I would not be as physically and emotionally fit as I am today.

EXAMINING THIS 1A SAMPLE:

- What do you notice about the organization?
 - Clear thesis statement, topic sentences clearly stated for each paragraph, clearly stated concluding sentences.
- What does the writer do to develop the supporting detail ideas?
 - Examples included.
- What do you notice about the language in this piece?
 - Variety in sentence structure, some punctuation errors but clear evidence of correct punctuation, few spelling errors.
- What does the writer do to demonstrate critical analysis?
 - Comparison of sport and life, clear benefits.

AWE Sample Prompt #1:

- What was the worst kind of work you ever did? This might have been anything: a paying job, household or school-related chores, or volunteer work. Describe the work. Explain why you found it unpleasant, and discuss ways that would have made it more satisfying.

AWE Sample Prompt #2:

- *“After all, every murderer when he kills runs the risk of the most dreadful of deaths, whereas those who kill him risk nothing except promotion.” -Albert Camus*

What important issue is Camus talking about, and how does he feel about it? Do you believe capital punishment is moral? Give an example that shows why you believe your opinion is justified.

AWE Sample Prompt #3:

- Cell phones are everywhere in our lives. They are used to keep in touch with friends and family and for emergencies. Write about how you use your cell phone. Focus on the advantages and disadvantages of your cell phone use.

AWE Sample Prompt #4:

- *“All human actions have one or more of these seven causes: chance, nature, compulsions, habit, reason, passion, desire.”*

-Aristotles

Of these seven causes that lead to human actions, which do you find to be most true? Give an example that focuses of one of Aristotle’s seven actions. Explain what kinds of behavior it leads to.

AWE Sample Prompt #5:

- Many people play a sport. You might have played soccer, tennis, basketball, or ping pong, informally with friends or formally as part of a team. Discuss the positive effects this experience has had on your life. Focus on this sport's lasting effects.

HELPFUL RESOURCES

- Assessment Center
Student Services Center
(909) 274-4265
Office Hours: Mon-Thu 8 a.m.-7 p.m. Fri 8 a.m.-4:30 p.m.
- Mt. SAC's Assessment Center Website
<http://www.mtsac.edu/assessment/>
- Learning Assistance Center Lab (Bldg. 6)
<http://lac.mtsac.edu>
- Mt. SAC's Writing Center Website
<http://www.mtsac.edu/instruction/humanities/writingcenter/>

WEBSITES FOR GRAMMAR AND WRITING

- <http://owl.english.purdue.edu/>
- <http://writing.wisc.edu/>

WEBSITES FOR NON-NATIVE ENGLISH WRITERS

- **Grammar**

- <http://www.englishclub.com/grammar/>
- <http://www.englishpage.com/verbpage/verbtenseintro.html>
- <http://web2.uvcs.uvic.ca/courses/elc/studyzone/200/grammar/>
- <http://www.manythings.org/rs/>
- http://www.bbc.co.uk/worldservice/learningenglish/grammar/grammar_challenge/index.shtml
- <http://www.englishpractice.com/>
- <http://a4esl.org/q/h/>
- <http://www.chompchomp.com/menu.htm>

- **Writing**

- <http://www.paragraphpunch.com/>
- <http://owl.english.purdue.edu/>

This Powerpoint
“Tips for AWE Preparation”
was a collaborative effort by:



The Mt. SAC Assessment Center



The Mt. SAC Writing Center



AWE Faculty Facilitators



The Mt. SAC Matriculation &
Assessment Committee



Mt. SAC High School Outreach

AWE NN RUBRIC - September 2013

Reader Directive: Consider the entire paper; pay particular attention to positive characteristics of the writing and the risks the writer is taking

	NNO	NN1	NN2	NN3
Reader Compensation & Comprehensibility	Excessive degree of reader compensation for comprehensibility required	Large degree of reader compensation for comprehensibility required	Reasonable degree of reader compensation for comprehensibility required	Little or no reader compensation for comprehensibility required
Organization	<ol style="list-style-type: none"> 1. Little to no organization 2. No clear main idea expressed 	<ol style="list-style-type: none"> 1. No or inadequate organization 2. Main idea may be expressed but may be inadequate 	<ol style="list-style-type: none"> 1. Inadequate organization 2. Main idea may be expressed but may be simplistic 	<ol style="list-style-type: none"> 1. Some organization may be present but with limited success 2. Main idea may be present but moderately successful
Development	<ol style="list-style-type: none"> 1. No or interrupted coherence 2. No or few specific relevant details 3. No or little development 	<ol style="list-style-type: none"> 1. Limited coherence 2. Few or some specific relevant details 3. Insufficiently developed 	<ol style="list-style-type: none"> 1. Inconsistent coherence 2. Some specific relevant details 3. Difficulty sustaining development; may have repetition of ideas 	<ol style="list-style-type: none"> 1. Generally consistent coherence 2. Some to many specific relevant details 3. Some difficulty sustaining development
Reasoning & Ideas	<ol style="list-style-type: none"> 1. No critical thinking 2. Little to no logical reasoning 3. Misinterprets or partially addresses prompt 	<ol style="list-style-type: none"> 1. May attempt critical thinking 2. Inadequate logical reasoning 3. Misinterprets or addresses prompt simply 	<ol style="list-style-type: none"> 1. Cursory critical thinking 2. Limited evidence of logical reasoning 3. Addresses prompt simply 	<ol style="list-style-type: none"> 1. Some critical thinking 2. Some logical reasoning 3. Addresses most elements introduced in prompt but unevenly
Language	<ol style="list-style-type: none"> 1. Short sentences or word groups 2. Incomprehensible syntax/sentence structure with some to many missing elements (e.g. subjects, verbs) 3. Inconsistent and/or inaccurate use of simple tenses * 4. Generally no coordination/subordination 5. Limited vocabulary. Use of basic verbs (have, do, go) 6. Frequent inappropriate use of prompt language 7. Chronic errors in articles, plurals, prepositions 8. Revert to primary language <p>*simple present, past, future (dance, danced, will dance)</p>	<ol style="list-style-type: none"> 1. Some basic sentence structure (S+V+O) 2. Confusing syntax/sentence structure 3. Some correct use of simple tenses.* 4. Coordination/subordination limited and/or incorrect 5. Simple vocabulary 6. Some inappropriate repetition of prompt language 7. Many errors in articles, plurals, prepositions <p>*simple present, past, future (dance, danced, will dance)</p>	<ol style="list-style-type: none"> 1. Generally accurate use of basic sentence structure (S+V+O) 2. Generally clear syntax/sentence structure 3. Generally correct use of simple verb tenses* with some attempts at more complex verb tenses** 4. Coordination/subordination present & sometimes successful 5. Inconsistent use of appropriate vocabulary 6. Some appropriate use of prompt language 7. Some errors in articles, plurals, prepositions <p>*simple present, past, future (dance, danced, will dance)</p> <p>**complex verb tenses: present perfect, past progressive, past perfect, modals (have learned, was learning, had learned, should/can learn)</p>	<ol style="list-style-type: none"> 1. Mostly accurate use of basic sentence patterns (S+V+O) 2. Mostly correct syntax/sentence structure 3. Consistent use of simple tenses* and often accurate attempts at complex tenses* 4. Coordination/subordination present & often successful 5. Expanded vocabulary with some purposeful (perhaps idiomatic) word use and some inappropriate word choices 6. Mostly appropriate use of prompt language 7. Some to few errors in articles, plurals, prepositions <p>*simple present, past, future (dance, danced, will dance)</p> <p>**complex verb tenses: present perfect, past progressive, past perfect, modals (have learned, was learning, had learned, should/can learn)</p>
Gen 1.5 Writers	NN0/NN1/NN2/NN3 Non-Native Placements		3/4/5/6 Placements	
	<ul style="list-style-type: none"> • Limited or incorrect use of idiomatic language (I was boring, I feel like to study) • VT/VF often incorrect • Multiple errors in prepositions/articles/plurals that interfere with meaning 		<ul style="list-style-type: none"> • Expanded use of idiomatic language(I was mixed up, I feel like studying) • Largely correct VT/VF (occasional missing-ing/ed/s) • Some acceptable errors in prepositions/articles/plurals 	

AWE RUBRIC - September 2013

	3	4	5	6
Reader Compensation & Comprehensibility	Some to large degree of reader compensation for comprehensibility may be required	Some reader compensation for comprehensibility required	Little reader compensation for comprehensibility required	Very little reader compensation for comprehensibility required
Organization	1. May have some to no attempts at organization; may have a nonacademic format 2. Main idea may be present or attempted	1. Some organization may be present but may be inconsistent or illogical 2. Main idea may be present but moderately successful	1. Adequately organized 2. Main idea present and generally successful	1. Generally well organized 2. Main idea clear and effective
Development	1. May have some to no coherence 2. May have some to no specific details 3. May have some to no sustained development 4. May have some sense of audience; may be conversational	1. Somewhat coherent 2. Details are present though some may be ineffective 3. Some difficulty sustaining development 4. Some sense of audience	1. Generally coherent 2. Details are provided and are generally effective 3. Occasional difficulty sustaining development 4. Generally appropriate sense of audience	1. Coherent. 2. Details are provided and are effective 3. Generally sustained development 4. Appropriate sense of audience
Reasoning & Ideas	1. May have superficial to cursory critical thinking 2. May have some to no logical reasoning 3. May address few to some elements in prompt; may misinterpret prompt	1. Some critical thinking is attempted but may lack sophistication 2. Logic may have some inconsistencies 3. Addresses the prompt unevenly	1. Some critical thinking is evident 2. Logic is mostly clear 3. Addresses most aspects of the prompt	1. Critical thinking is evident 2. Logic is clear 3. Effectively addresses the prompt
Language	1. May have some to frequent sentence boundary issues: FS, CS, fragments 2. Syntax/sentence structure is mostly correct but may be simple 3. Generally appropriate word choice; may be simple/informal	1. May have some sentence boundary issues, including FS, CS, and frag 2. Syntax/sentence structure is mostly correct but may be simple 3. Generally appropriate word choice	1. May have occasional sentence boundary issues 2. Syntax/sentence structure is generally correct with some attempts at variety 3. Purposeful and mostly appropriate word choice	1. May have infrequent sentence boundary issues 2. Syntax/sentence structure is clear and may be sophisticated 3. Purposeful word use

LD FLAGS—Please mark a paper LD if you notice pervasive patterns/combinations of the following:

Handwritten

APPEARANCE-Variations in letter size/slant; unusually large letters; irregularities in case; backward/upside down letters; mixed manuscript/cursive styles; erasures or overprints; unusual spacing between words/lines or in margins; illegibility toward end of paper; unfinished possibly due to slow, laborious production.

Typed or Handwritten

SPELLING - Frequent misspelled words; inconsistent misspellings (same word spelled different ways in same document; transposition errors (brian for brain); leaving off word endings; inconsistent use of Upper case/lower case; some sound/symbol correspondence errors

GRAMMAR - Frequent grammatical errors; inconsistent omission of non-content words (of, a, an, the...); omitted, added, or substituted words

PUNCTUATION – Highly idiosyncratic use of punctuation symbols

ORGANIZATION - Poor organization of ideas; information is brief and/or out of sequence; writing sample is very brief

CONTENT - Difficulty with starting the writing sample or following the instructions of the prompt correctly; may be wordy in trying to make a point; quality of ideas may be inconsistent with level of spelling/grammar

For more information on the placement test, please go to
<http://www.mtsac.edu/assessment/testinfo.html>

Reading Test

COMPASS/ESL Reading Test

Test Overview

The **COMPASS/ESL Reading Test** is an assessment test that measures students' abilities to comprehend and use standard American English. The test measures both literal and inferential reading skills. This test is specifically made for students whose first language is **NOT** English.

Course Placement

Based on your test results, you may be advised to enroll in one of the American Language Reading classes at Mt. San Antonio College. This placement will help you to increase your reading and vocabulary skills, which will help you to be successful in your academic courses. You may be advised to take one of the following courses:

Score	Eligibility
0 - 49	You are advised to take ESL courses.
50 - 69	AmLa 31R: Basic Reading
70 - 79	AmLa 32R: Intermediate Reading
80 - 91	AmLa 33R: Advanced Reading
92 - 99	You are advised to take the DRP test.

Test Directions

This is a computerized test, which means that you will first listen to and interact with a set of directions that explains how to answer the questions using the computer. Once you have finished the test directions, you will read some passages and answer questions about what you read. You should read and answer the questions carefully. Once you have finished a passage and have gone to the next passage, you cannot go back to change your answers. The test is not timed. Each student reads differently. Some students may finish in a short time, and others may take longer to finish. The test automatically ends when you have completed enough questions to get an accurate score of your reading ability.

Test Results

Test results are available immediately after you complete the test. Test results are available at <https://myportal.mtsac.edu/> or the Assessment Center. Test results are not available over the telephone.

An example of the type of reading on the test is on the back of this paper.

Sample COMPASS/ESL Reading Test Passage

Read the paragraph about the emporium in Galveston.

Shoppers enter the **emporium**, which is on the ground floor, through the original 14-foot doors. You can eat a sandwich inside while sitting on a wooden seat at an umbrella-covered table, or you can buy meats and cheeses by the pound for a picnic on the beach. There is also a wide selection of Texas foods, beers, chocolates, books, baskets, and specialty coffees and teas. A wine room features Texas, U.S., and international wines.

1. In the passage, what does the highlighted word “emporium” mean?

- A.** Store
- B.** Beach
- C.** Bar
- D.** Hotel

2. What can you buy at the emporium?

- A.** 14-foot doors
- B.** Wooden seats
- C.** Meats and cheeses
- D.** Ground floors

Answers: 1. A 2. C

For more information on the placement test, please go to
<http://www.mtsac.edu/assessment/testinfo.html>

Reading Test

Degrees of Reading Power

TEST OVERVIEW

Degrees of Reading Power (DRP) is an assessment test that evaluates reading comprehension.

COURSE PLACEMENT

Based on your test results, you may be advised to enroll in one of the reading classes at Mt. San Antonio College. This placement will help you increase your reading skills, which will help you experience academic success in your college classes. You may be advised to take one of the following courses:

<i>Score</i>	<i>Eligibility</i>
15 - 38	READ 70: Improving Reading Comprehension
39 - 53	READ 80: Developing Reading Comprehension
54 - 64	READ 90: Preparing for College Reading
65 - 97	READ 100: Analysis and Critical Reading

TEST DIRECTIONS

This is a test to find out how well you read. The test contains passages for you to read. Words are missing from the passages. Wherever a word is missing, there is a blank line with a number on it. Next to the passage you will find the same number and five words. Choose the word that makes the best sense in the blank. On your answer sheet, find the same number as the blank. Mark the letter for the answer you have chosen. The test is not timed, but plan on 45-60 minutes to complete it.

TEST RESULTS

Test results are available within 24 hours. Test results are available at <https://myportal.mtsac.edu/> or the Assessment Center. Test results are not available over the telephone.

An example from the test is on the back of this paper

Sample Standard DRP Test Passage

Bridges are built to allow a continuous flow of highway and railway traffic across water lying in their paths. But engineers cannot forget that river traffic, too, is essential to our economy. The role of _____ **1** _____ is important. To keep these vessels moving freely, bridges are built high enough, when possible, to let them pass underneath. Sometimes, however, channels must accommodate very tall ships. It may be uneconomical to build a tall enough bridge. The _____ **2** _____ would be too high. To save money, engineers build movable bridges.

- 1** a) wind b) boats
c) weight d) wires
e) experience
- 2** a) levels b) cost
c) standards d) waves
e) deck

In the swing bridge, the middle part pivots or swings open. When the bridge is closed, this section joins the two ends of the bridge, blocking tall vessels. But this section _____ **3** _____. When swung open, it is perpendicular to the ends of the bridge, creating two free channels for river traffic. With swing bridges, channel width is limited by the bridge's piers. The largest swing bridge provides only a 75-meter channel. Such channels are sometimes too _____ **4** _____. In such cases, a bascule bridge may be built.

- 3** a) stands b) floods
c) wears d) turns
e) supports
- 4** a) narrow b) rough
c) long d) deep
e) straight

Bascule bridges are drawbridges with two arms that swing upward. They provide an opening as wide as the span. They are also versatile. These bridges are not limited to being fully opened or fully closed. They can be _____ **5** _____ in many ways. They can be fixed at different angles to accommodate different vessels.

- 5** a) crossed b) approached
c) lighted d) planned
e) positioned

In vertical lift bridges, the center remains horizontal. Towers at both ends allow the center to be lifted like an elevator. One interesting variation of this kind of bridge was built during World War II. A lift bridge was desired, but there were wartime shortages of the steel and machinery needed for the towers. It was hard to find enough _____ **6** _____. An ingenious engineer designed the bridge so that it did not have to be raised above traffic. Instead it was _____ **7** _____. It could be submerged seven meters below the surface of the river. Ships sailed over it.

- 6** a) work b) material
c) time d) power
e) space
- 7** a) burned b) emptied
c) secured d) shared
e) lowered