

Achievement in Math and Science (AMAS) Summer Bridge Program

What is AMAS?

AMAS began as an NSF funded program to support and encourage Hispanic students to pursue and excel in Science and Math at Estrella Mountain Community College. Through the 'Achievement in Math & Sciences' Title V: Developing Hispanic Serving Institutions Program the AMAS program is now open to all students who plan to attend Estrella Mountain Community College and plan to pursue a career in Science, Mathematics, Engineering and Technology (SMET).

Why was the program created?

The program exists to increase the number of successful students in math and science classes at EMCC by creating a supportive and scholarly community. AMAS encourages student pursuit of internships and scholarships related to math and science, as well as career investigation.

How does it work?

Through a network of experience and support services- field trips, workshops, counseling sessions, summer bridge programs, internships, classes, and tutoring- students have the opportunity to explore and evaluate the benefits and challenges of science and math programs and professions with their peers.

Who can benefit from the program?

- Students currently attending EMCC who are enrolled in science and math classes.
- Graduated high school students who intend to enroll at Estrella as a full time student in the fall and pursue a career in Science, Mathematics, Engineering and Technology.

What is your next step?

If you are a student interested in this program, the following representative can help you to learn more about AMAS:

Estrella Mountain Community College

Luvia Rivera

Learning Associate 623-935-8487 or visit
www.emc.maricopa.edu/nsfsummerbridge

**AMAS Summer Bridge Program
At Estrella Mountain Community College
Summer 2002**

Who: High School seniors who's intent is to enroll at Estrella Mountain Community College for the fall of 2002. Students who plan to pursue a degree in Science, Mathematics, Engineering, or Technology.

What: Accepted participants will enroll in one science, math, or english class and recitation. Students will also be expected to enroll and participate in CPD 100 Orientation for Student Development. It will be a highly stimulating immersion experience with small classes and lots of individual attention. You will also have the opportunity to explore and evaluate professions and careers requiring strong mathematics and science skills. Tuition is free, selected students will be eligible to receive college credit and the intense involvement with faculty and support service staff all structured to build student success.

When: *Biology track schedule June 3- July 3 (five week class)*

BIO 100 Biology Concepts	B. Steele
PHY 105 Basic Physics	D. Desbien

Math, Science and English track schedule June 3 – July 25 (eight week classes)

MAT121 Intermediate Algebra	B. Herzog
MAT 151 College Algebra/Functions	R. Rivera
MAT 182 Plane Trigonometry	R. Rivera
ENG 101 First-Year Composition	K. Iudicello
CPD 100 Orientation for Student Development	B. Medina D. Piña

Where: Estrella Mountain Community College
3000 N. Dysart Road
Avondale, AZ 85323-1000

If you have any further questions regarding this exciting opportunity contact
Luvia Rivera **623-935-8487**

Application Deadline: Application and all supporting materials are due **March 8, 2002**.
Mail to: Estrella Mountain Community College
Luvia Rivera, MWC
3000 N. Dysart Road
Avondale, AZ 85323-1000

Application Packet Checklist

- _____ Student Application
- _____ Student Information Form
- _____ Recommendation Form
- _____ Self-Recommendation Form
- _____ Success Contract
- _____ Release Statement for Travel
- _____ Assumption of Risk and Release of Liability Form
- _____ Unofficial Transcript

Please submit complete application to:

Estrella Mountain Community College
Luvia Rivera
MWC
3000 N. Dysart Rd.
Avondale, AZ 85323

If you have any questions please call (623) 935-8487

Recommendation Form

Student Name _____ Date _____

Signature of Evaluator _____ Relation to Applicant _____

The above student is applying for the Summer Bridge Program at Estrella Mountain Community College. The main goals of the Summer Bridge Program are to increase the number of successful students in math and science classes by creating a supportive and scholarly community. The Summer Bridge Program encourages students to pursue internships and scholarships related to math and science, as well as career exploration.

Please evaluate this student on the following factors, from 1 (low) to 5 (high). Please return this completed form to the student.

Academic Ratings

A.	Motivation	1	2	3	4	5
B.	Creative Qualities	1	2	3	4	5
C.	Self-Discipline	1	2	3	4	5
D.	Potential for Success	1	2	3	4	5

Character & Personality Ratings

A.	Leadership	1	2	3	4	5
B.	Self-Confidence	1	2	3	4	5
C.	Self-Motivator	1	2	3	4	5
D.	Potential for Success	1	2	3	4	5
E.	Concern for Others	1	2	3	4	5
F.	Creativity	1	2	3	4	5
G.	Emotional Maturity	1	2	3	4	5
H.	Personal Initiative	1	2	3	4	5
I.	Respect for Authority	1	2	3	4	5
J.	Coping with Setbacks	1	2	3	4	5
K.	Respect for Authority	1	2	3	4	5
L.	Citizenship	1	2	3	4	5

(Contributes positively to community)

Why do you believe the student will benefit from the AMAS Summer Bridge Program?

Self-Recommendation Form

Student Name _____ Date _____

Please evaluate yourself on the following factors, from 1 (low) to 5 (high).

Academic Ratings

A.	Motivation	1	2	3	4	5
B.	Creative Qualities	1	2	3	4	5
C.	Self-Discipline	1	2	3	4	5
D.	Potential for Success	1	2	3	4	5

Character & Personality Ratings

A.	Leadership	1	2	3	4	5
B.	Self-Confidence	1	2	3	4	5
C.	Self-Motivator	1	2	3	4	5
D.	Potential for Success	1	2	3	4	5
E.	Concern for Others	1	2	3	4	5
F.	Creativity	1	2	3	4	5
G.	Emotional Maturity	1	2	3	4	5
H.	Personal Initiative	1	2	3	4	5
I.	Respect for Authority	1	2	3	4	5
J.	Coping with Setbacks	1	2	3	4	5
K.	Respect for Authority	1	2	3	4	5
L.	Citizenship	1	2	3	4	5

(Contributes positively to community)

Why do you believe you will benefit from the AMAS Summer Bridge Program? Please comment also on your personal and academic achievements, academic plans and career goals and any other information that will help us to know you better. You may attach an additional page if necessary.

AMAS SUMMER BRIDGE SUCCESS CONTRACT

I, _____ as a member of the AMAS Summer Bridge Program
(name)

believe that I am an intelligent and capable student who will achieve success.

My academic goal is: _____

My personal goal is: _____

1. I will go to all of my classes on a daily basis.
2. I will attend and participate in all Summer Bridge Activities.
3. I will do my homework regularly and on time.
4. I will demonstrate respectful student behaviors in the classroom such as:
 - a. being on time, attending each class, and not leaving early
 - b. Paying attention to the instructor and classmates
5. I will utilize resources such as MWC/Science Center, Counseling, and my instructors whenever I have questions, or concerns about college, my academic performance or issues that might prevent me from being successful.
6. I will consult with the Summer Bridge Program Advisor for all schedule adjustments, changes, or withdrawals.
7. I will carry myself in a manner that is representative of Estrella Mountain Community College.
8. I will abide by the attendance policy that is currently in effect.

The following have mutually agreed on _____ that _____
(date) (name)

is striving to be a successful student and will work with the Summer Bridge team in staying focused and on task. Also, that my failure to comply with any part of this contract, may be cause for immediate dismissal from the Summer Bridge Program and Estrella Mountain Community College.

Student Signature

Parent Signature

Summer Bridge Advisor

MARICOPA COUNTY COMMUNITY COLLEGE

RELEASE STATEMENT FOR TRAVEL

I, _____ request permission to travel to and from school sponsored
(Students Name)

activities in a common carrier vehicle; in a school owned or leased vehicle driven by a faculty or staff member. I understand the Maricopa County Community College District does not assume any responsibility for any accident or illness which may result from the trip. All students representing the college on approved trips will be covered by school accident insurance.

Student Signature
(Parent Signature if Under 18)

Date

MCCD STUDENT EMERGENCY INFORMATION CARD

Name of the Activity _____ Date _____

Student's Name _____ Age _____

Parent/Spouse Name _____ Home Phone _____

Address _____ Phone _____

Family Physician _____

Address _____ Phone _____

Preferred Hospital _____

Hospitalization Insurance _____

Date of Last Physician Examination _____

History of Diabetes or Epilepsy _____ Yes _____ No _____

Allergies to Sulfa, Penicillin _____ Yes _____ No _____

Permission to administer anesthetic _____ Yes _____ No _____

Signature _____

Parent (if unde18) _____

Printed Name _____