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
STUDENT INFORMATION FORM (Print/Type)

1. SEMESTER OF ENROLLMENT
   [ ] Fall [ ] Spring [ ] Summer 1 [ ] Summer 2 Year: 20__

2. SOCIAL SECURITY NUMBER
   [ ] New student at Estrella Mountain Community College
   [ ] Former student at Estrella Mountain Community College: Last date attended:

3. LEGAL NAME
   (Last, First, Middle)

4. MAILING ADDRESS
   APT #

5. CITY, STATE  ZIP CODE

6. HOME ( ) BUSINESS ( ) PHONE ( ) PHONE ( ) EXT.

7. E-MAIL ADDRESS

8. RESIDENCY
   [ ] United States Citizen
   [ ] Immigrant/ Permanent Resident (I) Date of Issue
   [ ] Refugee
   [ ] Visa (specific type and time of entry)
   [ ] Alien/Citizen (T)
   [ ] Student
   [ ] Temporary
   [ ] Non-Citizen (T)
   [ ] Non-Student
   [ ] Immigrant (T)
   [ ] Teacher
   [ ] Other

9. Are you currently a member of the U.S. ARMED FORCES stationed in Arizona pursuant to military orders? Yes No
   Are you a dependent of a member of the U.S. Armed Forces stationed in Arizona pursuant to military orders? Yes No
   Are you a veteran of the U.S. Armed Forces? Yes No
   What date did your parent(s) or legal guardian(s) become residents of Arizona? MONDAY, YEAR

10. In what Arizona county do you reside?
    (If born in Arizona and reside here continuously since birth, see date of birth, go to Section 11)
    What was your most recent date of residence prior to moving to Arizona?

11. UNIVERSITY/COMMUNITY COLLEGE (Check highest level completed)
    [ ] No college or university
    [ ] Some college or university; no degree
    [ ] Bachelor's degree
    [ ] Master's degree or higher

12. HIGH SCHOOL (Check one box)
    [ ] High school diploma
    [ ] General Education Diploma (GED) Month Year
    [ ] Currently enrolled
    [ ] Home taught
    [ ] Expected completion Month Year

13. Educational Goals
   Student should seek academic advancement to discuss their educational plans.
   Financial aid students must be pursuing at least degree or certificate program.
   [ ] Degree: [ ] Certificate: [ ] Area of study:

14. Employment/Hours planned per week while enrolled:
    [ ] None [ ] 15-20 [ ] 21-30 [ ] 31 or more

15. BIRTHDAY
    [ ] Male [ ] Female

16. RACE/ETHNIC BACKGROUND
    [ ] American Indian or Alaska Native (1)
    [ ] Asian or Pacific Islander (2)
    [ ] Black (3)
    [ ] Hispanic (4)
    [ ] Other (6)

17. INFORMATION RELEASE
   Do you give permission for the college to release directory information relative to your enrollment (as per the Family Education Rights and Privacy Act of 1974)? Yes No

18. What was the first language you spoke as a child?

19. What languages were spoken in your home when you were growing up?

20. What language do you speak most often now?

21. Do you wish assistance with English language skills?
    [ ] Yes No

22. Would you like HELP with?
    [ ] Personal counseling
    [ ] Financial aid
    [ ] Learning disabilities
    [ ] Physical disability
    [ ] Placement
    [ ] Study skills
    [ ] Computer information
    [ ] Writing skills
    [ ] Math skills
    [ ] Other:

23. Signature of Student

All of the information on this form is confidential and in compliance with the Family Education Rights and Privacy Act of 1974. This form is to be completed in the General Catalog.

*Voluntary information used to comply with Federal Reporting, not for any discriminatory purpose, and has no effect on admissions to the college. The student's Social Security number is generally used on the Student Identification Number. Students who choose not to disclose their social security number will have a Student Identification Number assigned. Students should be aware that a correct Social Security Number must be on file for reporting information pertaining to potential tax credits, and must be used by federal financial aid applicants. Using an alternative Student Identification Number may impact the ease with which educational records are located.

I certify that the answers on this Student Information Form are true, correct and complete.

Signature of Student

3000 North Dysart Road □ Avondale, Arizona 85323-1000 □ (623) 935-8000
A Maricopa Community College

(Continued on back)
Arizona General Education (AGEC) is a 35 semester credit block of lower division general education courses designed for students transferring to public universities. Certified completion of the block satisfies admission requirements to an Arizona university and will fulfill all lower division general education requirements for the majors with which each block articulates. There are three AGEC blocks: AGEC-A, intended for liberal arts and other majors; AGEC-B, intended for business majors; and AGEC-S, intended for majors with more stringent mathematics and mathematics-based science requirements.

**Associate of Arts Degree (AA)** degree includes AGEC-A and transfers as a block without loss of credit to Arizona public universities. There are two pathways: the **AA-GR (General Requirements)** is designed for students who may or may not know their major or university and plan to transfer into majors that articulate with the AA-GR pathway; the **AA-SR (Special Requirements)** is designed for students who know their major but have not decided on their university and who plan to transfer into majors that articulate with the AA-SR pathway. All credits used to satisfy the AA-SR or AA-GR will apply to the university graduation requirements of the university major for which the AA is designed.

**Associate of Arts Transfer Partnership Degree (AA-TPD)** is designed to meet the needs of students who have identified Business, Psychology, Elementary, Education, or Social Work as their major and are transferring to Arizona State University Main or Arizona State University West.

**Associate of Science (AS)** degree includes AGEC-S and is designed for students who plan to transfer to an Arizona university, want to satisfy requirements in majors with more stringent mathematics and mathematics-based science requirements, and plan to transfer into majors that articulate with one of the two AS pathways: the **AS-GR (General Requirements)** and **AS-SR (Special Requirements)**.

**Associate of Business (ABUS)** degree includes AGEC-B and is designed for all business majors except Accounting and Computer Information Systems. Subject to change in the future, consult with your academic advisor. ABUS transfers as a block without loss of credit to Arizona public universities. All credits used to satisfy the ABUS will apply to university graduation requirements of the university major for which the ABUS was designed.

**Associate of General Studies Degree (AGS)** is designed for students whose educational goals require flexibility OR who choose to take courses which may later apply toward a degree.

**Associate of Applied Science Degree (AAS)** is designed for students who plan to complete a specified occupational program.

**Certificate of Completion (CCL)** is designed for students who plan to complete an occupational program requiring fewer credit units than a degree.

### List 1

| Accounting | 7002 | 7002 | 7004 | 7006 | 7008 | 7010 | 7012 | 7014 | 7016 | 7018 | 7020 | 7022 | 7024 | 7026 | 7028 | 7030 | 7032 | 7034 | 7036 | 7038 | 7040 | 7042 | 7044 | 7046 | 7048 | 7050 | 7052 | 7054 | 7056 | 7058 | 7060 | 7062 | 7064 | 7066 | 7068 | 7144 | 7146 | 7148 | 7152 | 7154 | 7156 | 7158 | 7160 | 7162 | 7164 | 7166 | 7168 | 7170 | 7172 | 7174 |
| Adult Basic Education | 7002 | 7004 | 7006 | 7008 | 7010 | 7012 | 7014 | 7016 | 7018 | 7020 | 7022 | 7024 | 7026 | 7028 | 7030 | 7032 | 7034 | 7036 | 7038 | 7040 | 7042 | 7044 | 7046 | 7048 | 7050 | 7052 | 7054 | 7056 | 7058 | 7060 | 7062 | 7064 | 7066 | 7068 | 7070 | 7072 | 7074 | 7076 | 7078 | 7080 | 7082 | 7084 | 7086 | 7088 | 7090 | 7092 | 7094 | 7096 | 7098 | 7100 | 7102 | 7104 | 7106 | 7108 | 7110 | 7112 | 7114 | 7116 | 7118 | 7120 | 7122 | 7124 | 7126 | 7128 | 7130 | 7132 | 7134 | 7136 | 7138 | 7140 | 7142 | 7144 | 7146 | 7148 | 7152 | 3816 | 3727 | 3844 |

### List 2

**Associate of Arts Transfer Partnership Degree: ATP:**

<table>
<thead>
<tr>
<th>Accountancy</th>
<th>ASUM 9104</th>
<th>Accountancy</th>
<th>ASUW 9204</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business (ECN, FIN, MGMT, PLM, REA)</td>
<td>ASUM 9106</td>
<td>Computer Info Sys.</td>
<td>ASUM 9105</td>
</tr>
<tr>
<td>Elementary Education</td>
<td>ASUM 9101</td>
<td>Elementary Education</td>
<td>ASUW 9201</td>
</tr>
<tr>
<td>Exercise Science &amp; Physical Education</td>
<td>ASUM 9109</td>
<td>Food &amp; Nutrition</td>
<td>ASUE 9110</td>
</tr>
<tr>
<td>Global Business</td>
<td>ASUW 9207</td>
<td>Nursing</td>
<td>ASUM 9107</td>
</tr>
<tr>
<td>Psychology (BA)</td>
<td>ASUM 9102</td>
<td>Psychology (BA)</td>
<td>ASUW 9202</td>
</tr>
<tr>
<td>Psychology (BS)</td>
<td>ASUM 9103</td>
<td>Psychology (BS)</td>
<td>ASUW 9203</td>
</tr>
<tr>
<td>Social Work</td>
<td>ASUM 9100</td>
<td>Social Work</td>
<td>ASUW 9200</td>
</tr>
</tbody>
</table>

### List 3

**Occupational degree AAS or area of interest:**

<table>
<thead>
<tr>
<th>Computer Applications</th>
<th>3548</th>
<th>Hospitality/Hotel Management</th>
<th>3814</th>
<th>Microsoft Networking Technology</th>
<th>3778</th>
<th>Microsoft Solutions Development</th>
<th>3838</th>
</tr>
</thead>
</table>

Estrella Mountain Community College and the Maricopa County Community College District do not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, handicap/disability, age, or Vietnam era/disabled veteran status in employment or in the application, admission, participation, access and treatment of persons in instructional programs and activities.

Estrella Mountain Community College and el Maricopa County Community College District no discriminan en cuanto a raza, color, religión, nacionalidad, sexo, orientación sexual, cualquier invalidez, edad, ni contra la persona que sirva durante la época del conflicto en Vietnam o cualquier otro veterano inválido en cuanto al empleo o a la solicitud, admisión, participación, acceso y trato de las personas en los programas de instrucción y otras actividades.
STUDENT APPLICATION

(Please complete all of the following information. Type or print clearly in black ink.)

First Name_________________________ Last Name_________________________

SS#_________________________ Date_________________________

Home Address_________________________ Street_________________________ Apt. #_________________________

City_________________________ Zip Code_________________________

Home Phone_________________________ Email Address_________________________

Work Phone_________________________ Date of Birth____________ Gender_________________________

School Name_________________________ Counselor/Advisor_________________________

Cumulative GPA_________________________ Class Rank_________________________

Math Courses Taken/Grade_________________________

Science Courses Taken/Grade_________________________

Parent or Guardian

Father/Mother/Guardian_________________________

Are you a first generation college student (Neither parent has completed a four year degree)?

_________ Yes ______________________ NO

Which college are you planning to attend after graduation? ________________________

What career field are you interested in pursuing? ________________________

Please list other activities that you are involved in:

_________ Work # Hours ___________ per week

_________ Community/Volunteer Service # Hours ___________ per week

_________ Athletics ________________________

_________ Leadership Positions ________________________
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**

<table>
<thead>
<tr>
<th>A.</th>
<th>Motivation</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.</td>
<td>Creative Qualities</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>C.</td>
<td>Self-Discipline</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>D.</td>
<td>Potential for Success</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

**Character & Personality Ratings**

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

(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 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.

<table>
<thead>
<tr>
<th>Student Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Parent Signature if Under 18)</td>
<td></td>
</tr>
</tbody>
</table>

MCCD STUDENT EMERGENCY INFORMATION CARD

<table>
<thead>
<tr>
<th>Name of the Activity</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student's Name</td>
<td>Age</td>
</tr>
<tr>
<td>Parent/Spouse Name</td>
<td>Home Phone</td>
</tr>
<tr>
<td>Address</td>
<td>Phone</td>
</tr>
<tr>
<td>Family Physician</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>Phone</td>
</tr>
<tr>
<td>Preferred Hospital</td>
<td></td>
</tr>
<tr>
<td>Hospitalization Insurance</td>
<td></td>
</tr>
<tr>
<td>Date of Last Physician Examination</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>History of Diabetes or Epilepsy</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allergies to Sulfas, Penicillin</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Permission to administer anesthetic</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

Signature __________________________________________
Parent (if under 18) __________________________________
Printed Name ________________________________________