General Education (Math)
Associate of Arts (A.A.)

Transfer Options:
- Check with you advisor.

The Associate of Arts (A.A.) degree is designed to allow students the opportunity to obtain the first two years of college credits toward meeting most of the General Education requirements and some of the prerequisite requirements of a four-year baccalaureate degree. Students planning to transfer should carefully follow the transfer program plan for the four-year institution to which they plan to transfer.   This degree is also available fully online.

Program Goals
1. The program will provide students the opportunity to expand knowledge of morality and ethics.
2. The program will provide students the opportunity to develop skills to communicate effectively.
3. The program will provide an opportunity for students to become knowledgeable and proficient in the use of information technology.
4. The program will provide opportunities for students to acquire the necessary skills to think critically.
5. The program will provide the opportunity for students to develop mathematical skills

Program Outcomes
1. <u>Applied Ethics</u> - The applied ethics outcome involves two major components: (1) understanding principles of normative and non-normative ethical theories; and 2) applying these principles in decision-making activities including case studies and contemporary issues. Most character is explored in all its dimensions: virtues and vices, commitments and attitudes, personal relationships, and community involvement, in addition to right and wrong conduct.
2. <u>Communication</u> - This outcome will enhance students' written, oral, and interpersonal communication skills.
   a) *Written Communication* is the development and expression of ideas in writing.
   b) *Oral Communication* is prepared, purposeful presentation designed to increase knowledge, to foster understanding, or to promote change in listeners' attitudes, values, beliefs, or behaviors.
   c) *Interpersonal Communication* is the process by which information, feelings, and meaning through verbal and non-verbal messages: it is face-to-face communication.
3. <u>Information Technology</u> - Information technology outcome is defined as the level of computer, electronics, and telecommunications literacy necessary to understand the purpose of information technology. Students will discover how information technology assists individuals and organizations to work more efficiently, and how information technology influences society. In addition to learning the technical fundamentals of computer use, students will build a skill and knowledge base in researching information, making appropriate ethical choices about the use of informational technology, and using technology to advance societal goals.

Developmental Coursework

Course Number	Course Title	Required	Enrolled	Completed
ENGL 0121	Composition I Lab	☐	☐	☐
MATH 0121	College Algebra Lab	☐	☐	☐

Semester I (16 hours)

Course Number	ACTS#	Course Title	Enrolled	Completed
[1]ENGL 1113	ENGL 1013	Composition I [P1]	☐	☐
[1]MATH 1023	MATH 1103	College Algebra [P1]	☐	☐
[1]MIS 1003	CPSI 1003	Introduction to Computers	☐	☐
[1]SPCH 1113	SPCH 1003	Principles of Speech [C1]	☐	☐
GSTD 1021	N/A	Student Success I	☐	☐
[1]Choose three (3) hours from these courses:				
HIST 2013 HIST 2023 PSCI 2003	HIST 2113 HIST 2123 PLSC 2003	☐U.S. History I ☐U.S. History II ☐American Government: National	☐	☐

Semester II (16 hours)

Course Number	ACTS#	Course Title	Enrolled	Completed
[1]BIOL 1004	BIOL 1004	The Biological Sciences w/Lab [C1]	☐	☐
[1]ENGL 1123	ENGL 1023	Composition II [P2]	☐	☐
MATH 1033	MATH 1203	Plane Trigonometry [P1]	☐	☐
MATH 1525	MATH 2405	Calculus & Analytic Geometry I [P1]	☐	☐
GSTD 1031	N/A	Student Success II	☐	☐

Semester III (15 hours)

Course Number	ACTS#	Course Title	Enrolled	Completed
MATH 2015	MATH 2505	Calculus & Analytic Geometry II [P4]	☐	☐
MATH 2103	MATH 2103	Introduction to Statistics [P5]	☐	☐
GSTD 1041	N/A	Student Success III	☐	☐
Choose three (3) hours from these courses:				
[1]ENGL 2213 ENGL 2223	ENGL 2113 ENGL 2123	☐World Literature I [P3] ☐World Literature II [P3]	☐	☐
[1]Choose three (3) hours from these courses:				
HIST 1003 HIST 1013	HIST 1113 HIST 1123	☐World History I ☐World History II	☐	☐

Semester IV (13 hours)

Course Number	ACTS#	Course Title	Enrolled	Completed
[1]Choose three (3) hours from these courses:				
MATH 2003 MATH 2203	N/A N/A	☐Discrete Math [P5] ☐Linear Algebra [P6]	☐	☐
Choose four (4) hours these courses:				
PHSC 1004 PHYS 2014	PHSC 1004 PHYS 2014	☐Physical Sciences [P7] ☐College Physics [P8]	☐	☐
[1]Choose three (3) hours from these courses:				
PSYC 2003 SOC 2003 GEOG 2003	PSYC 1103 SOCI 1013 GEOG 1103	☐General Psychology ☐Introduction to Sociology ☐Introduction to Geography	☐	☐
[1]Choose three (3) hours from these courses:				
ART 2013 MUS 2013 PHIL 2403	ARTA 1003 MUSC 1003 PHIL 1103	☐Art Appreciation ☐Music Appreciation ☐Introduction to Philosophy	☐	☐

Total Credit Hours: 60

[1]Indicates **Certificate of General Studies (31 hours)**.

4. <u>Critical Thinking</u> - Critical thinking outcome is defined as a set of skills and strategies for making reasonable decisions about what we do and believe. These skills and strategies include understanding the use of thought and language, recognizing the most common logical fallacies, and using the essential skills of deductive and inductive argument analysis and evaluation. Students must demonstrate practical applications of critical thinking in academic disciplines.

5. <u>Mathematical Reasoning</u> - Mathematical outcome enables students to efficiently process data and to learn new material in fields inside and outside of mathematics. Students will develop a knowledge base that allows logical reasoning and valid problem-solving techniques that can be applied in the student's personal and professional careers.

General Information

- Developmental coursework may be required in addition to the courses required for this degree and/or certificate(s).
- A [P] indicates that a prerequisite is required before the course can be taken. Refer to the prerequisites table listed below the degree plan and/or the course description in the College Catalog to determine the prerequisite.

General Requirements

- This degree requires successful completion of **60** credit hours.
- [1]Indicates requirements for Certificate of General Studies.
- All degree-seeking students are required to take Student Success.
- A minimum 2.00 cumulative grade point average is required for graduation.
- Satisfaction of all financial obligations due to the college is required for graduation.

Residency Requirement

The student is required to complete a minimum of 15 semester hours in residence at SAU Tech for associate degrees and technical certificates and half of the credit hours required for certificates of proficiency as well as complete all other graduation requirements. Students who wish to pursue additional degrees must complete a minimum of 15 credit hours of difference between the degrees.

ACTS Course Numbers

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and equitable treatment in the application of credits for admissions and degree requirements. Go to http://acts.adhe.edu for more information.

PREREQUISITES

P1	Refer to the SAU Tech Placement Plan.
P2	ENGL1113-Composition I.
P3	Complete ENGL1113-Composition I AND ENGL1123-Composition II with "C" or better OR ENGL2203-Intro to Literature.
P4	MATH1525- Calculus & Analytic Geometry I.
P5	MATH1023-College Algebra.
P6	MATH2015- Calculus & Analytic Geometry II.
P7	ACT Math score of 12 or higher or comparable placement score on other exam OR College Algebra.
P8	Math1023-College Algebra and eligible for ENGL1113-Composition I.

CO-REQUISITES

C1	ENGL 1113-Composition I OR ENGL 1113 and ENGL 0121-Composition I Lab.

INSTITUTIONAL REQUIREMENTS (7 HOURS)

Course Number	Course Title
GSTD1021	Student Success I
GSTD1031	Student Success II
GSTD1041	Student Success III
MIS1003	Introduction to Computers