

PROGRAMS OF STUDY

Page Specialized Number	Program Areas	High School or GED	A AT Degree	Certificate	
71	Accounting Technology *	Y	X		X
79	A/C & Refrigeration Technology	Y	X	X	X
87	Apparel & Designs *	N			X
95	Automotive Collision Repair	N		X	X
103	Automotive Service Technology * @	Y	X	X	X
111	Building Construction Technology *	Y	X	X	X
119	Cabinetmaking *	N			X
125	Carpentry *	N			X
131	Clerical Technology * @	N		X	X
137	Computer Information Systems * @ Database Networking Programming Web Developer	Y	X		X
151	Cosmetology * @ Nail Techniques Cosmo. Instructor Training @	N (10th grade)		X	X X X
161	Culinary Arts/Hospitality Management * @	Y	X	X	X
171	Dental Assisting Technology * @	Y	X	X	X
183	Dental Laboratory Technology * @	Y	X	X	X
193	Diesel Mechanics	N		X	X
201	Drafting & Design Technology	Y	X	X	X
211	Early Care & Education *	Y	X	X	X
219	Electrical Technology * Electrical/Instrumentation	Y Y	X X		X X
231	Emergency Medical Technician/ Paramedic * @	Y Y	X X	X	X
241	Graphic Communications Technology *	Y	X	X	X
X					
251	Horticulture *	Y	X	X	X
259	Industrial Electronics Technology * @	Y	X		X
271	Industrial Maintenance Technology *	Y	X		X
281	Interior Design *	Y			X
287	Machine Tool Technology * @	Y	X	X	X
299	Medical Assisting Technology * @	Y	X		
307	Nursing Assisting/Home Health Aide	* @	N		
X					
311	Office Administration Technology * Information/Word Processing Legal Secretary Medical Secretary	Y	X	X	X
	Graphic Communications				
	Computer Applications				
321	Plumbing	N			X
327	Practical Nursing * @	Y		X	
337	Radio & TV Broadcasting	Y		X	

* Programs with High School Articulation Agreements @ Programs with certification/accreditation by the industry

ASSOCIATE DEGREE IN APPLIED TECHNOLOGY (AAT)

The Associate of Applied Technology Degree is a specialized degree in a specific technical field as designated in column four on the previous page. The Degree is awarded on the basis of completion of an approved Degree Plan which includes specific technical courses from the technical area plus designated general education requirements. Requirements are listed with the program descriptions.

CERTIFICATE (CER)

Each Certificate program is designed to prepare the student for employment in one of a number of technical or skilled jobs in a specific occupational area. Each program requires in-depth technical preparation supported by related general education courses. The award is based upon completion of an approved Degree Plan.

SPECIALIZED TRAINING CERTIFICATE (C-26)

Each Specialized Training Certificate program is designed to provide specialized preparation in a specific technical skill. The program requires a number of closely related technical courses. The Specialized Training Certificate is appropriate for an individual who plans to enter a job requiring specific technical skills, or for a currently employed individual who needs to develop a new skill or to upgrade an existing skill. The award is based upon completion of an approved Degree Plan.

DEFINITION OF ACADEMIC MAJOR/AREA OF CONCENTRATION

A “major” refers to the student’s selected field of concentration.

PREREQUISITES

Prerequisites for a course must be met before the course is taken unless permission to omit the prerequisite is obtained from the program coordinator and the division director. A student who fails the first course of a sequence cannot take the succeeding course(s) before having passed the first course.

MAXIMUM AND MINIMUM COURSE LOADS

The student course load for a full-time student will be 12 to 19 credit hours per semester. Credit hours above 19 credit hours will constitute a student overload. A student course overload must be approved by the Dean of Instruction. Twenty-four (24) credit hours is the maximum number of credit hours that can be taken in a semester.

GENERAL EDUCATION REQUIREMENTS

Since general education courses provide students with a solid understanding of a wide variety of subjects and methods of learning, the general education courses are required of all students seeking an Associate in Applied Technology Degree (AAT). General education courses also provide students with an exposure to broader and more varied intellectual concepts thereby impacting on each program by providing more quality and enhancing marketability of graduates.

General education has four traditional objectives: self-realization, economic efficiency, civic responsibility, and human relationship. Courses offered in postsecondary education represent a continual commitment to those objectives within contemporary concepts.

GENERAL EDUCATION DEGREE REQUIREMENTS

The following is a general description of State Board of Education requirements for general education courses. Please see the individual curriculum requirements listed in this catalog for the specific general education requirements for each award.

The General Education Core for Associate in Applied Technology Degree:

Area I: Written Composition I and II 3 - 6 Credit Hours

Area II: Humanities and Fine Arts 3 - 6 Credit Hours

In addition to Literature, disciplines include but are not limited to: Area/Ethnic Studies, Art and Art History, Foreign Languages, Music and Music History, Philosophy, Ethics, Religious Studies, Speech, Theater and Dance.

Note: Individual colleges may establish specific course requirements within program of study parameters set forth in the general education core for the Associate in Applied Technology Degree.

Requirements Prescribe: Minimum of 9 hours in Area I and Area II which could include 6 hours in Written Composition I and II and 3 hours in Area II; or 3 hours in Written Composition I and 3 hours in Technical Writing and 3 hours in Area II; or 3 hours in Area I with 3 hours in Speech in Area II, plus 3 additional hours in Area I or II.

Area III: Natural Science and Mathematics 9 Credit Hours

In addition to Mathematics, disciplines in the Natural Sciences include: Astronomy, Biological Sciences, Chemistry, Geology, Physical Geography, Earth Science, Physics, and Physical Science.

Requirements Prescribe: Distributed in Mathematics or Science or Computer Science (Data Processing). Minimum of 3 hours in Mathematics required. One Computer Science (Data Processing) course (2 are preferred) or demonstrated computer literacy skills, or the integration of computer proficiencies within a required discipline-specific course(s). Appropriate 100 level courses (or higher) as denoted in The Alabama College System Course Directory may be substituted.

Students enrolled as majors in health-related disciplines for which the AAT degree is awarded must take BIO 103 as the prerequisite for BIO 201, BIO 202, and BIO 220 to assure the transfer of courses within parameters of the AGSC Minimum General Education Semester Hour Distribution Requirements or in lieu of successfully complete the system-wide biology placement examination.

Students enrolled as majors in health-related disciplines for which the AAT degree is awarded may take BIO 211 and BIO 212 in which case BIO 212 would serve as the prerequisite for BIO 220.

Area IV: History, Social, and Behavioral Sciences 3 Credit Hours

In addition to History, the Social and Behavioral Sciences include, but are not limited to: Anthropology, Economics, Geography, Political Science, Psychology, and Sociology.

Programs in which the AAT represents the Terminal Award are not required to complete the 6 semester hour sequence in Area IV.

Minimum General Education Requirements 18 - 24 Credit Hours

Area V: Maximum General Education Core, Technical Concentration, 58 - 52 Credit Hours and Electives

Courses appropriate to the degree requirements, occupational or technical specialty requirements, core courses, and electives

General Studies Curricula 76 Credit Hours

Maximum Program Semester Credit Hours 76 Credit Hours

Semester Credit Hour Range by Award 60 - 76 Credit Hours

The General Education Core for the Certificate:

Area I: Written Composition I and II 2 - 6 Credit Hours

COM 100 and COM 103 may be substituted only in non-degree eligible programs.

Area II: Humanities and Fine Arts 2 - 6 Credit Hours

Speech is required in certificate program unless provisions for addressing Oral Communication Competencies represent an integral module in a required discipline-specific course.

SPC 100 and SPC 103 may be substituted only in non-degree eligible programs.

Area III: Natural Science and Mathematics 6 Credit Hours

Requirements Prescribe: Distributed in Mathematics or Science or Computer Science (Data Processing). One Computer Science (Data Processing) course (2 are preferred) or demonstrated computer literacy skills, or the integration of computer proficiencies within a required discipline-specific course(s). MAH 100, MAH 103, and MAH 105 may be substituted only in non-degree eligible programs. DPT 100 and DPT 103 may be substituted only in non-degree eligible programs.

Area IV: History, Social, and Behavioral Sciences 0 Credit Hours

Minimum General Education Requirements 10 - 18 Credit Hours

General Studies Curricula 60 Credit Hours

Area V: Maximum General Education Core, Technical Concentration, 50 - 42 Credit Hours and Electives

Courses appropriate to the degree requirements, occupational or technical specialty requirements, core courses, and electives

Maximum Program Semester Credit Hours 60 Credit Hours

Semester Credit Hour Range by Award 30 - 60 Credit Hours

The General Education Core for the Specialized Training Certificate:

Area I: Written Composition I and II 0 - 3 Credit Hours

Specialized Training Certificate Semester Hours recommends one technical writing course.

Area II: Humanities and Fine Arts 0 Credit Hours

Area III: Natural Science and Mathematics 0 - 3 Credit Hours

Area IV: History, Social, and Behavioral Sciences 0 Credit Hours

Minimum General Education Requirements 0 - 6 Credit Hours

General Studies Curricula 26 Credit Hours

Area V: Technical Concentration, and Electives. 9 - 26 Credit Hours

Courses appropriate to the degree requirements, occupational or technical specialty requirements, core courses, and electives

Maximum Program Semester Credit Hours 26 Credit Hours

Semester Credit Hour Range by Award 9 - 26 Credit Hours