

# ACADEMIC PROGRAMS INDEX

<b>I. Associate of Arts Degrees</b>	<b>CIP CODE</b>		
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Biological Science.....	40	24.0102	
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Pharmacy/Pre-Pharmacy.....	46	24.0102	
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			Child Development Assoc. (CDA).....
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			Imaging.....
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			Imaging.....
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			50.0401
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			80
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			81
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			83
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			100
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			102
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			49
			15.0613
			Aerospace/Welding.....
			49
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			50
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			52
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			53
			15.0613
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			Business.....
			54
			15.0613

Air Conditioning & Refrigeration/ Controls .....	55	15.0613	Barbering .....	73	12.0402
Automation Fundamentals .....	56	15.0613	Business Administration Entrepreneurship .....	74	52.0201
Automation/Robotics .....	56	15.0613	Child Development/CDA.....	76	19.0708
Design Drafting/Architectural .....	58	15.0613	Child Development.....	76	19.0708
Design Drafting/Mechanical .....	57	15.0613	Computer Information Systems CISCO Preparation .....	82	11.0101
Basic Electricity .....	59	15.0613	Computer Technician Preparation.....	82	11.0101
Electrical Technology – Entry-Level Electrician .....	59	15.0613	Software Applications .....	82	11.0101
Electrical Technology – Residential/ Commercial/Industrial Electrician .....	60	15.0613	Cosmetology.....	82	12.0401
Industrial Maintenance/Mechanical.....	61	15.0613	Instructor Training .....	83	12.0499
Industrial Maintenance/Electrical .....	62	15.0613	Nail Technology .....	83	12.0410
Industrial Maintenance/Air Conditioning & Refrigeration .....	63	15.0613	Dental Assisting .....	84	51.0601
Industrial Maintenance/Instrumentation ...	64	15.0613	Emergency Medical Services EMT-Basic.....	86	51.0904
Machine Tool/Machining Fundamentals	66	15.0613	Emergency Medical Paramedic .....	86	51.0904
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Machine Tool/CNC Milling .....	69	15.0613	Surgical Technology .....	107	51.0909
Machine Tool/Manual Machining .....	70	15.0613			
Machine Tool/CNC CAM .....	70	15.0613			
Machine Tool/CNC EDM .....	71	15.0613			
Process Technology .....	72	15.0613			

## ELECTIVES

FOR PURPOSES OF FULFILLING PROGRAM REQUIREMENTS, CALHOUN PROVIDES THE FOLLOWING DEFINITIONS:

### AREAS RECOMMENDED AS HUMANITIES AT CALHOUN

Courses in humanities ideally serve to give the student a broader understanding of the dimensions of man, the human condition, and human culture. The student may select courses from the following areas to satisfy Calhoun requirements (A=Fine Arts, H=Humanities):

- |                      |                |
|----------------------|----------------|
| Art (A)              | Philosophy (H) |
| Foreign Language (H) | Religion (H)   |
| Literature (H)       | Theatre (A)    |
| Music (A)            |                |

### AREAS RECOMMENDED AS SOCIAL AND/OR BEHAVIORAL SCIENCES AT CALHOUN

Courses in the social sciences should give the student a broader understanding of social systems and the ways in which human beings relate to each other and to socio-economic-political conditions. At Calhoun, students may select courses from the following areas to satisfy Calhoun requirements:

- |              |                   |
|--------------|-------------------|
| Anthropology | Political Science |
| Economics    | Psychology        |
| Geography    | Sociology         |
| History      |                   |

### AREAS RECOMMENDED AS NATURAL SCIENCES AT CALHOUN

Courses in the natural sciences are based on investigation of natural phenomena through the processes of reason based on systematic empirical observation. At Calhoun, the student may select courses from the following areas to satisfy Calhoun requirements:

- Astronomy
- Biology
- Chemistry
- Physical Geography
- Physical Science
- Physics

Each student should work closely with his/her advisor to determine the course preference for transfer to a specific program, college, or university.

**Calhoun Community College has general educational outcomes expected of all graduates. All students graduating from Calhoun Community College will have competencies in critical thinking; communication; quantitative reasoning; scientific reasoning; cultural literacy; information and computer literacy and diversity. In each of the general education courses, students will cultivate these skills.**

# GENERAL EDUCATION REQUIREMENTS

**ASSOCIATE IN ARTS OR ASSOCIATE IN SCIENCE DEGREE:**

- Area I: Written Composition I and II .....6 Credit Hours**
- Area II: Humanities and Fine Arts .....12 Credit Hours**

- \*Must complete 3 semester hours in Literature.
- Must complete 3 semester hours in the Arts.

- Area III: Natural Science and Mathematics .....11 Credit Hours**

- Must complete 3 semester hours in Mathematics at the Precalculus Algebra or Finite Math Level.
- Must complete 8 semester hours in the Natural Sciences which include Laboratory Experiences.

In addition to Mathematics, disciplines in the Natural Sciences include Biology, Chemistry, Physics and Physical Science.

- Area IV: History, Social, and Behavioral Sciences .....12 Credit Hours**

- \*Must complete 3 semester hours in History.
- Must complete at least 6 semester hours from among other disciplines in the Social and Behavioral Sciences. Social and Behavioral Sciences include, but are not limited to, Economics, Geography, Political Science, Psychology, and Sociology.

- Area I – IV: Minimum General Education Requirements .....41 Credit Hours**

- Area V: Pre-Professional, Pre-Major, and Elective Courses .....\*\* 19 – 23 Credit Hours**

- Courses appropriate to degree requirements and major of the individual student and electives.

Students completing courses that have been approved for the General Studies Curriculum and are appropriate to their major and/or degree program may transfer these courses with credit applicable to their degree program among two-year and four-year colleges and universities.

- Area I – V: General Studies Curricula .....\*\* 60 – 64 Credit Hours**

- \* Must complete a 6 semester hour sequence in either Literature or History. The sequence in Area II and Area IV in Literature or History needs to follow the sequence requirement according to the student’s major and transfer plans.

- \*\* Respective program of study for baccalaureate degrees at Alabama public universities range from 120 to 128 semester credit hours in length.

Dependent upon the total hours allocated for the bachelor’s degree, institutions in The Alabama Community College System will be authorized to provide only 50 percent of that total (60 – 64).

**ASSOCIATE IN APPLIED SCIENCE 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, Art, Music, Philosophy, Religion, Spanish and Theater.

- An additional three hours are required in Speech .....3 Credit Hours

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 and 6 hours in Area II; or 3 hours in Area I and 3 hours in Speech in Area II, plus 3 additional hours in Area I or II.

- Area III: Natural Science and Mathematics .....9 – 11 Credit Hours**

In addition to Mathematics, disciplines in the Natural Sciences include Biology, Chemistry, Physics and Physical Science.

Requirements Prescribe: Distributed in Mathematics (100 or above) or Science or Computer Science. Minimum of 3 hours in Mathematics is required.

One Computer Science course is required.

- Area IV: History, Social, and Behavioral Sciences .....3 – 6 Credit Hours**

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

- Area I – IV: Minimum General Education Requirements .....18 – 29 Credit Hours**

- Area V: Maximum General Education Core, Technical Concentration, and Electives .....47 – 58 Credit Hours**

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

- Area I – V: General Studies Curricula .....76 Credit Hours**

- Semester Credit Hour Range of Award .....60 - 76**