
Program of Study

MATHEMATICS

Associate of Science Degree

This program is for those who plan to transfer to senior institutions and pursue a B.S. degree in mathematics. Students who plan to pursue a bachelor's degree in engineering may also choose this program, but should check with the transfer institution regarding humanities requirements.

GENERAL EDUCATION CORE REQUIREMENTS:

ENG 101 English Composition I	3
ENG 102 English Composition II	3
Literature Sequence	6
Fine Arts Elective	3
SPH 107 Fundamentals of Public Speaking	3
MTH 125 Calculus I	4
PHY 213 General Physics with Calculus I	4
PHY 214 General Physics with Calculus II	4
History Sequence	6
Social Science Electives	6
Total	42

MAJOR COURSE REQUIREMENTS:

MTH 126 Calculus II	4
MTH 227 Calculus III	4
MTH 237 Linear Algebra	3
MTH 238 Applied Differential Equations I	3
MTH 265 Elementary Statistics	3
CIS 211 BASIC Programming OR CIS 251 C++ Programming	3
Total	20
TOTAL CREDITS	62

MATHEMATICS COURSES

	Credits
MAH 105 Math for Nursing	3
MTH 080 Mathematics Laboratory	1
MTH 090 Basic Mathematics	3
MTH 091 Developmental Algebra I	3
MTH 092 Developmental Algebra II	3
MTH 098 Elementary Algebra	4
MTH 100 Intermediate College Algebra	3
MTH 103 Introduction to Technical Mathematics	3
MTH 104 Plane Trigonometry	3
MTH 110 Finite Mathematics	3
MTH 112 Precalculus Algebra	3
MTH 113 Precalculus Trigonometry	3
MTH 115 Precalculus Algebra & Trigonometry	4
MTH 116 Mathematical Applications	3
MTH 117 College Mathematics with Applications	3
MTH 118 Technical Mathematics	3
MTH 120 Calculus and Its Applications	3
MTH 125 Calculus I	4
MTH 126 Calculus II	4
MTH 227 Calculus III	4
MTH 231 Mathematics for the Elementary Teacher I	3
MTH 232 Mathematics for the Elementary Teacher II	3
MTH 237 Linear Algebra	3
MTH 238 Applied Differential Equations I	3
MTH 265 Elementary Statistics	3

To view a general description of each course, please visit the Calhoun website, www.calhoun.edu, click on [Academics](#), click on [Mathematics Division](#), then click on [Course Syllabi for this Division](#).

DISTANCE EDUCATION COURSES (Video Format)

MTH 090 Basic Mathematics Instructor: Ms. Suzanne Joiner
MTH 098 Elementary Algebra Instructor: Ms. Annie Jones
MTH 100 Intermediate College Algebra Instructor: Ms. Sarah Bates
MTH 103 Introduction to Technical Mathematics Instructor: Ms. Kay Blackwell
MTH 104 Plane Trigonometry Instructor: Ms. Kay Blackwell
MTH 110 Finite Mathematics Instructor: Ms. Cecilia Maxfield
MTH 116 Mathematical Applications Instructor: Ms. Juana Malone
MTH 125 Calculus I Instructor: Mr. Elliott Tyler
MTH 126 Calculus II Instructor: Ms. Cecilia Maxfield
MTH 227 Calculus III Instructor: Ms. Cecilia Maxfield
MTH 231 Mathematics for the Elementary Teacher I Instructor: Ms. Juana Malone

SELF-PACED COURSES

MTH 090 Basic Mathematics Instructor: Ms. Latrica Birgan
MTH 091 Developmental Algebra I Instructor: Mr. Ernest Williams
MTH 092 Developmental Algebra II Instructor: Ms. Latrica Birgan
MTH 098 Elementary Algebra Instructor: Ms. Latrica Birgan
MTH 100 Intermediate College Algebra Instructor: Mr. Ernest Williams

WEB-BASED COURSES

MTH 103 Introduction to Technical Mathematics (Pending) Instructor: Ms. Latrica Birgan
MTH 112 Precalculus Algebra Instructor: Ms. Suzanne Joiner
MTH 116 Mathematical Applications Instructor: Ms. Juana Malone
MTH 125 Calculus I Instructor: Ms. Cecilia Maxfield

DIVISION OF MATHEMATICS

Mr. Elliott Tyler, Division Chairperson
Ms. Cecilia Maxfield, Department Chairperson
Mr. Nizar Abudiab, Math/CIS
Mr. Rodney Alford, Program Leader Huntsville/Research Park Campus
Ms. Sarah Bates
Ms. Latrica Birgan
Ms. Kay Blackwell
Ms. Suzanne Joiner
Ms. Annie Jones
Ms. Juana Malone
Mr. Mike McCollum
Ms. Beverly Smith, Secretary
Dr. Cynthia Snead
Mr. Ernest Williams

About the College

Calhoun Community College is an active, viable member of the North Alabama community, providing educational and training opportunities to the citizens of this area. With approximately 9,000 students, Calhoun represents the essence of the two-year college mission of excellence in teaching and service.

Graduates of Calhoun Community College permeate the community. Many of them have gone on to complete baccalaureate degrees at other institutions or have entered the workforce after successfully completing programs of study at Calhoun and are among the nation's leading professionals.

In this brochure, we tell you more about the college's programs of study in the **Associate of Science Degree Program in Mathematics**.

About the Program

The Division of Mathematics offers necessary courses to provide the prerequisites for any of the mathematics courses required in the mathematics curriculum and other curriculums.

Individual assistance for mathematics is available in the Mathematics Learning Center, Room 347, Harris Hall, at the Decatur Campus or in the Mathematics Lab, Room 155, at the Huntsville/Research Park campus.

How Do I Apply?

Everyone must submit an application for admission to either the Admissions Office on the Decatur campus or to the Huntsville campus or Redstone Arsenal extension. At that time, you'll receive further information on admissions requirements.

How Much Will it Cost?

Tuition at Calhoun — the fees paid to take classes — is among the lowest in the area. A full-time student will pay between \$1140-\$1520 per 15-week semester. A single class will cost only \$285. Since the college does not have dormitories, the only other costs will be for transportation to and from class and books and supplies. And, if you need help with college costs, the Office of Student Financial Services has information on grants, work study, scholarships, and loans.

TUITION AND FEES ARE SUBJECT TO CHANGE
WITHOUT PRIOR NOTICE.

Advising Centers

Calhoun Community College is proud to provide Advising Centers to assist students with program planning, transfer information, course scheduling, and placement testing. The Centers are staffed by trained counselors and academic advisors to assist students with their college planning. New students, readmission students, and students who change their program of study are encouraged to meet with Advising Center personnel. Careful planning should help avert problems the student may encounter in the future. Appointments for advising may be arranged by calling one of the numbers below or students may simply stop by during the hours of operation. Additional information can be found at www.calhoun.edu/student_affairs/advising/

Decatur Campus
(256) 306-2648

Huntsville/Research Park Site
(256) 890-4770

Redstone Arsenal Site
(256) 842-9706



NEED MORE INFORMATION?

Please contact

Division of Mathematics
Calhoun Community College
P. O. Box 2216
Decatur, AL 35609-2216
FAX# (256) 353-8663

Mr. Elliott Tyler
(256) 306-2733
get@calhoun.edu

Ms. Cecilia Maxfield
(256) 306-2738
chm@calhoun.edu

Ms. Beverly Smith
(256) 306-2739
bsm@calhoun.edu

or

Office of Admissions
Calhoun Community College
P. O. Box 2216
Decatur, AL 35609-2216
(256) 306-2500

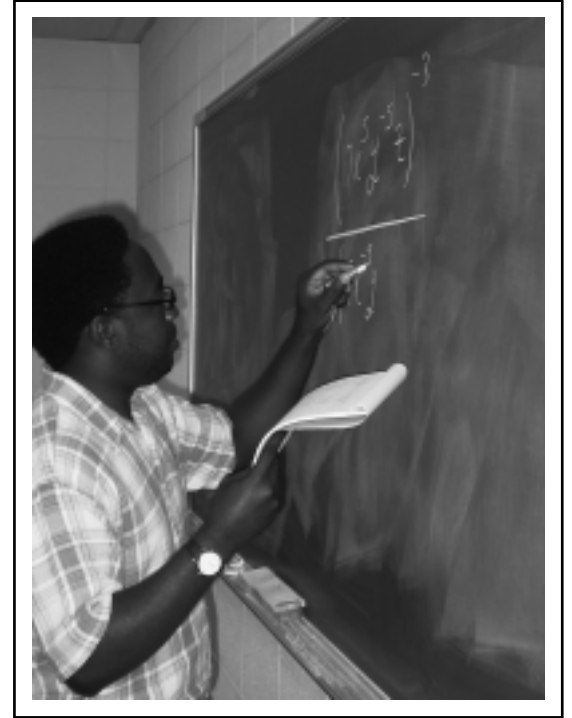
1-800-626-3628 (toll-free in Alabama)

www.calhoun.edu

Revised 11/04

ADA/AFFIRMATIVE ACTION/ EQUAL OPPORTUNITY
EDUCATIONAL INSTITUTION

Mathematics



The right choice