Developmental Studies

Department Information

Department of Developmental Studies

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<tr>
<th>Department of Developmental Studies</th>
<th>(251) 460-7155</th>
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<tbody>
<tr>
<td>Math Coordinator, Interim Co-Chair</td>
<td>Leslie Whiston</td>
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<tr>
<td>Instructional Lab Supervisor</td>
<td>Sharon Schwarz</td>
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<tr>
<td>Secretary</td>
<td>Melissa Hennis</td>
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Department of Developmental Studies
http://www.southalabama.edu/colleges/scesp/ds/

The Mission of the Department of Developmental Studies is to produce courses and instructional support services of excellence that address the needs of students in their preparation for collegiate study and students in transition to the University.

Developmental Studies

The courses and services offered provide students with opportunities to strengthen the basic skills necessary for academic success; to explore career options and preparation; to access campus activities, programs, and services; and to become active participants in the University community.

Credits earned in courses with a DS prefix do not meet degree requirements within the University. The credits earned do carry institutional, non-degree credit and allow students to qualify for financial aid. Grades earned are computed into the overall GPA in most colleges and hours are counted toward classification (sophomore, etc.). Credits earned in courses with a MTH prefix count as free electives.

Math Lab Information

Location:
The Math Technology Lab is located in ASC 1301.

Resources:
- 137 computer workstations with Internet access
- Separate testing area and private tutoring rooms
- Study room for one-on-one or group tutoring
- Tutors and instructors available during all operating hours to assist students

Courses

Developmental Studies (DS)  

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<tr>
<th>Course</th>
<th>Title</th>
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<tr>
<td>DS 082</td>
<td>Introductory Algebra</td>
<td>3 cr</td>
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This course combines topics in pre- and elementary algebra including operations with whole numbers, fractions, percents, exponents, signed numbers, order of operations; ratio and proportion; functions; graphs of linear equations; solving and graphing systems of linear equations and inequalities; operations with polynomials and factoring polynomials. Requires 100 extra minutes per week of lab time each week. Pre-requisite: None.
Mathematics For College (MTH)

MTH 100 Intermediate College Algebra 3 cr
Topics in this course include set, interval, roster and scientific notation; solving and graphing linear and quadratic equations, inequalities, absolute value equations, functions, and systems of inequalities. Various methods of solving quadratic equations are included. Operations on rational and radical expressions, solving rational and radical equations, and problem solving applications included. Credit for both MTH 100, MTH 101 and MA 105 is not allowed.
Pre-requisite: MyMathTest 060 or ACT Math 19 or SAT Mathematics 500 or DS 082 Minimum Grade of C or DS 082 Minimum Grade of C

MTH 101 College Algebra 4 cr
This course combines Introductory Algebra and Intermediate College Algebra. Topics include fractions, percents, and order of operations. Various forms of linear equations manipulated; the solutions and graphs of linear equations and linear inequalities explored. Also included, rate of change, functions and graphs, piecewise-defined functions, solutions to absolute value inequalities expressed in set and interval notation, and systems of inequalities. Simplification of rational expressions, operations on rational and radical expressions, and solutions to rational and radical equations explored. Quadratic expressions factored and solutions to quadratic equations by factoring and graphing. Practical applications to problem solving are included. Pre-requisite: None. Credit for both MTH 100, MTH 101 and MTH 105 is not allowed.

Faculty

ADAMS, JAMES R.
Instructor
BS, Spring Hill College
MS, University of South Alabama

ANTOINE ARMSTRONG, MISCHA K.
Instructor
BS, University of South Alabama
MED, University of South Alabama

BOLERJACK, SHEILA R.
Instructor
BS, University of South Alabama
MED, University of South Alabama

DARBY, LATONYA C.
Instructor
BS, University of Mobile
MED, University of South Alabama

WHISTON, LESLIE E.
Instructor
BS, Indiana University-Bloomington
XCTF, Immaculata College
MED, University of South Alabama