

Southern Arkansas University Tech
P.O. Box 3499 ~ Camden, AR 71701 ~ 870-574-4500
www.sautech.edu

Online Course Information Form

Course Number: MATH0113

Course Title: Basic Math

Course Description: Basic Math is a review of basic skills and concepts of Arithmetic, to prepare the student for Elementary Algebra. The course covers the areas of basic operations, primes, fractions, decimals, ratio and proportion, percent, measurement and an algebra preview. This course does not count toward a degree.

Instructor: Dr. Hilda Marino Black

Instructor Bio:

Dr. Black is originally from New Orleans. She is married and has a young son. She enjoys music, singing, reading, and sometimes sewing. She received a Bachelor of Science in Secondary Mathematics Education from the University of New Orleans, a Master of Science Teaching in Mathematics from Loyola University, a Master of Science in Statistics from Louisiana Tech University, and a Doctor of Philosophy in Computational Analysis and Modeling (mathematics, statistics, and computer science) from Louisiana Tech University. She started her career many moons and degrees ago in the Catholic school system in New Orleans as a high school mathematics teacher. She has taught for West Monroe High School in Ouachita Parish and for Louisiana Tech University. This is her 3rd year at SAU Tech. She loves mathematics and statistics and enjoys helping others figure out how to do math and statistics. She is intrigued and challenged to find a simpler way to do just about everything.

Prerequisite: ACT/Asset Placement Test Scores

Textbook Title:

- *Martin-Gay, Basic College Mathematics 3e, Pearson, 2006*
- My Math Lab (MML) Account: www.coursecompass.com - can be accessed from any computer with internet capabilities. A link for My Math Lab is also located in Blackboard under the Begin Here icon. Students will need an email address to create an MML account. You may use your personal email address or SauTech email address. Assignments and chapter tests will be assigned through MML. A student access code is bundled with textbook purchase and a course code will be provided by your Instructor.

Learning Outcomes:

Students maintaining a 70% average or better will be able to:

- 1) Add, subtract, multiply, and divide whole numbers (ch1), decimals (ch4), and fractions (ch2,3) and work application problems and will also be able to use primes, multiples, and order of operations agreement and work application problems.
- 2) Write ratios, proportions (ch5), and percents (ch6), convert between types and work application problems.
- 3) Read graphs and charts (ch9); work with statistical measures and probability (ch9) and work application problems and will be able to convert and use US Customary measures and the Metric System of Measurements (ch7) and work application problems.
- 4) Add, subtract, multiply, and divide rational numbers and work application problems; will be able to work with signed numbers, variable expressions, simple equations, and formulas and work application problems (ch10,11); and will be able to identify vocabulary related to geometry, find perimeter, area, and volume, use the Pythagorean theorem, solve similar triangles, and work application problems (ch8).

Teaching Methodology, including description of interaction between student and instructor:

- Students should expect to spend at least 3 hours per week for the equivalent 3-hour credit that a student on campus would spend in class. The student should spend an additional 3 to 6 hours per week for studying and working in the online environment, which would correspond to homework and study time for a campus student.
- Instructor utilizes discussion board (located in Blackboard) for student to student and student to teacher interaction to discuss topics related to mathematics.
- Instructor utilizes MyMathLab an online learning tool affiliated with Pearson publishing for the following: homework, chapter quizzes, midterm exam, and proctored final exam.
- Instructor utilizes a comprehensive, **proctored** final located in MyMathLab.

Methods of Testing:

- Discussions will be completed in Blackboard.
- Homework, quizzes, midterm, and proctored final will be completed in MML. These tests consist of a combination of multiple choice and open response questions.

Enrollment Procedures:

Non-degree seeking students applying for admission to SAU Tech must submit an application for admission, appropriate placement test scores or, if applicable, official college transcript(s) with proof of Composition I and Intermediate Algebra (having earned a letter grade of "C" or better).

Full-time degree seeking students and part-time degree seeking students applying for financial aid applying for admission to SAU Tech must submit an application for admission, appropriate placement test scores, immunization record (if born after 01/01/1957), high school transcript or GED scores, and official college transcript(s), if applicable. (Note: Part-time students not applying for financial aid do not have to submit immunization record.)

Students are responsible for all tuition and fees at the time of registration. Students must officially drop by written notice or in person in order to reduce their balance owed. If students never attend class, he/she will still be assessed partial tuition and full student processing fees, unless completely he/she completely withdraws during the 100% refund period.

In order for a student to drop a class, he/she must complete a drop form or send written request to his/her advisor. A \$10 add/drop fee is assessed for adds/drops that take place after classes start.

Special Attendance Requirements (student contact with instructor, proctored examinations, etc.):

This course uses Blackboard and MyMathLab.

Access to Learning Resources:

Students will receive all required discussion materials through the Internet, links to texts, and the electronic mail with Blackboard. Students will be required to purchase the course textbook, if applicable, and Learning Resource Center access is encouraged but not required to be successful. Textbooks can be ordered online. The Bookstore number is (870) 574-4510. The Library number is (870) 574-4518.

Other Considerations (writing ability, assignments/projects, time considerations, etc.)

Remove "the passkey for Eduspace that comes bundled with the textbook (if the student purchases a used textbook a new passkey must be purchased to access Eduspace) and replace with "the student ID for MyMathLab that comes bundled with the textbook.

There are computer programs and other things that you will need if you are taking an online course from SAU Tech. To make it easier for you, we have compiled a list of these things for you.

Course Needs

- Microsoft Word – used to complete assignments and submit to instructor
 - Cost: \$160 (for entire Microsoft Office suite which includes Word, Excel, PowerPoint, and Access)
 - Can be purchased from Wal Mart or other software vendor and will need to be loaded onto your computer
 - There is also a free product that works just as good as the Microsoft Office Suite. You can download it at <http://www.openoffice.org>.
- Respondus LockDown Browser – used to take exams in Blackboard
 - Cost: Free
 - Can be downloaded to your computer from http://www.sautech.edu/docs/ldb_instructions.pdf
 - *Note: Not compatible with Linux operating system. Must have Windows XP, 2000, ME or 98 operating system for personal computers or OS X 10.3.9 or higher and Safari browser for Macintosh.*
- Adobe Reader 7.0 or higher – used to read files in pdf format
 - Cost: Free
 - Can be downloaded to your computer from <http://www.adobe.com/products/acrobat/readstep2.html>
- Adobe Flash Player (7 or higher) – used to view study activities and demonstrations in Learning Strategies course
 - Cost: Free
 - Can be downloaded to your computer from http://www.adobe.com/shockwave/download/download.cgi?P1_Prod_Version=ShockwaveFlash
- Macromedia Shockwave Player 8.5.1 – used for interactive quizzes, animations and activities
 - Cost: Free
 - Can be downloaded to your computer from <http://www.macromedia.com/shockwave/download/download.cgi?>
- Windows Media Player – used to listen play audio files
 - Cost: Free
 - Comes as part of your Windows operating system
- Java – a technology that is required in order for Blackboard to function properly as well as some other programs that SAU Tech uses with its online classes (**Note: Only one version of Java can be running on your computer at a time.**)
 - Cost: Free
 - Can be downloaded to your computer from http://javashoplm.sun.com/ECom/docs/Welcome.jsp?StoreId=22&PartDetailId=jre-1.5.0_05-oth-JPR&SiteId=JSC&TransactionId=noreg
- Real Player 10.0
 - Cost: Free
 - Can be downloaded to your computer from <http://www.real.com/>
- QuickTime 6
 - Cost: Free
 - Can be downloaded to your computer from <http://www.apple.com/quicktime/download/win.html>

Note: Before beginning your online course, you should go ahead and make sure each of these programs listed above are loaded on your computer. In addition to the above programs, the courses listed below will require additional programs as stated.