

Lecturer: Ms. Blackwelder
Office: 115-G MCH

Lecture Class: M-F 11-12:20 a.m. in 2100 HWC
Phone: (850) 644-1787 (no voice mail available)

Milton Carothers Hall (MCH) is directly behind Dirac Science Library and is just west of the FSU Bookstore. See map available on our Bb class.

Help Sessions (for help with course content): Tue 12:30-1:30 and 2-3; Thur 12:30-1:30
held in 110 MCH (a help session room, not my office)

Office Hours (for individual discussions about grades, absences, course policies, etc):
Mon/Wed 2:30-3:30 p.m. , or by appointment, held in my office 115-G MCH

e-mail: blackwelder@math.fsu.edu

homepage: <http://www.math.fsu.edu/~blackw>

Please check posted Lecture Class Announcements or Course Syllabus (on our Bb class), before sending e-mail. You might find the answer to your question. If the answer to your e-mail question is available on Bb, then I will refer you there.

Lab Proctor Office Hours will be announced in lab class and will be posted on our Bb site.

Lab Class: You must attend the Lab Class Section for which you are registered. You may change sections only during the DROP/ADD period. All Lab Classes for these Lectures meet on **Mondays and Wednesdays** in **HTL**. The first meeting of your Lab Class will be **Wednesday June 28**.

Lab classes are never rescheduled; not even on a one-time basis. That means: If you miss your lab class time, you have missed the quiz/test scheduled for that day. (See below for policies for missed quiz/test, but make-ups are never given.)

Sec	Time	HTL	Sec	Time	HTL
14	12:30-1:30	113	16	2:00-3:00	113
15	12:30-1:30	114	17	2:00-3:00	114

ELIGIBILITY: This course is required for students majoring in the sciences or business, and for students in majors who must take courses for which MAC 1105 is a prerequisite, and for students in majors that require MAC 1105 be taken. Students who are currently in (or exploring) non-science and non-math based majors should consider taking MGF 1106 or 1107, or they should wait one semester before taking a mathematics course. Students with questions should see their advisor.

Remedial mathematics courses may be required before MAC 1105. ($440 \leq \text{SAT math} \leq 460$; $19 \leq \text{ACT math} \leq 20$ State mandated to MAT 1033). In order to have the remediation requirement removed, students in this category must have taken and been placed in MAC 1105 by the SMS test. (Note: The AMP test cannot be used to remove a remediation requirement.) Students who are required to take MAT 1033 must earn a C- or better before taking MAC 1105.

Students with a weak mathematics background or with math SAT/ACT in the intervals given below should consider taking MAT 1033 before MAC 1105. ($470 \leq \text{SAT math} \leq 530$; $21 \leq \text{ACT math} \leq 22$) This decision needs to be made within the first two weeks of the semester. Consult your advisor.

You cannot receive credit for MAC 1105 if you have received credit for MAC 1104, MAC 1140 or MAC x140, or equivalent courses. Students in these categories are eligible for their next mathematics course. Students in this category may audit MAC 1105.

Students who have credit for MAC 1102, MAC 1132, MAC x132, or equivalent courses may not take MAC 1105 for full credit. Students in this category may (a) take MAC 1140 or (b) take MAC 1105 for reduced credit of (1) semester hour, Option (b) should be considered only in exceptional cases.

Students who earn a C or higher in MAC 1105 are not allowed to repeat the class. An exception is granted for students who earn a C- in MAC 1105 and are Nursing or Exercise Science major.

It is the student's responsibility to check and prove eligibility. Doubts should be resolved during the Drop-Add period, but students entering after that period must still prove eligibility. Ineligible students will not be permitted to receive credit for the course.

AMERICAN DISABILITIES ACT: By Friday June 30, students with disabilities needing academic accommodations should: 1) register with and provide documentation to the Student Disability Resource Center (SDRC); and 2) bring a letter to their instructor from SDRC indicating the need for accommodation and what type.

Please note that instructors are not allowed to provide classroom accommodation to a student until appropriate verification from the Student Disability Resource Center has been provided.

Each student must **meet with the lecturer** to discuss his/her particular situation and the available testing options. Accommodations will be provided within one week of that meeting.

The eGrade software used in this course is not fully accessible for students with visual impairments. Visually impaired students are referred to the SDRC for interim accommodations.

This departmental syllabus and instructor written class materials can be made available in alternative format upon request. For more information about services available to FSU students with disabilities, contact the: Student Disability Resource Center, 874 Traditions Way, 108 Student Services Building, Florida State University, Tallahassee, FL 32306-4167 (850) 644-9566 (voice) (850) 644-8504 (TDD) sdrc@admin.fsu.edu <http://www.disabilitycenter.fsu.edu/>

LECTURE-LAB MODE: This course is taught in the Lecture-Lab mode.

Lecture Class: At this time the Lecturer will present new material and provide examples. Our lecture class works from a Lecture Outline and you should bring it each day. After each Lecture Class, you would work on the appropriate russell eGrade Practice problems. Keeping up with the material is an important part of being successful in any mathematics course. (The Outline may be purchased from Target Copy, 635 W. Tennessee Street. ~\$10)

Lab: Labs are held in computer equipped classrooms. Quizzes and Tests will be given in Lab. Seating is limited. Students will not be allowed to attend a different lab – not even on a one-time-basis.

On quiz days, the first 30-35 minutes of the class will be spent working on practice problems. The Lab Proctors will assist with the software and, as time permits, with the material. Each lab will have 28-32 students; therefore, Lab Proctors cannot provide individual instruction for students who have missed Lecture Class. A quiz will be given during the last 25-30 minutes of lab. The quiz will not be given early and students must be present from the beginning of class in order to take the quiz.

On test days there will be no time for practice in lab; the test will start promptly at the beginning of class. Graded tests are not available for review at any time other than test day. Students may record the objectives missed and review their graded test before leaving the classroom.

When taking all quizzes and tests, write down all answers orderly on the provided scrap paper. This organization will assist in reviewing a quiz or test before or after it has been graded.

COMPUTER ASSISTED INSTRUCTION COURSE: This is a computer-assisted-instruction course. All tests and quizzes will be taken over the Internet; some assignments must be completed outside of the lab classrooms. If you do not have internet access at home, then you will have to

arrange time in your schedule to work at any of the computer labs on campus. (Campus lab information available at www.acns.fsu.edu/labs/) (You should have more than one browser installed on your computer. If you encounter poor performance with one, try another. Netscape, IE, Mozilla, etc.) Every effort will be made to ensure on-line practice problems are always available. However, Test dates will not be changed, even if network problems occur and practice problems are not available. **You should keep copies of some of the on-line practice problems you work on; use these, and your class notes, to prepare for tests, in addition to on-line practice.** On-line work done outside of the lab classrooms may be accessed at <http://russell.math.fsu.edu:9888> . **You should bookmark this web address. We provide the link on our BlackBoard classes, but you do not have to access the russell eGrade through Bb.** You will be given a login name and password to use for the on-line work; these are based on your FSUId (Bb login) and FSU EMPLID. **In order to use the Lab Classroom computers, you must know your FSUId and your FSU password (what you use to sign on to Blackboard). For all quizzes and tests, you must also know your FSU EMPLID).** (On Bb, go to Secure Apps, then FSU Identity Management.)

COURSE OBJECTIVES and PREPARATION FOR FUTURE COURSES: Students will gain understanding and proficiency in the algebra of basic mathematical systems and acquire the mathematical tools for future mathematics courses. In addition, students will develop habits necessary for success in mathematics—regular class attendance and regular working of homework. In MAC1105 these habits are developed by requiring outside-of-class on-line work and by recording class attendance. Repeated practice of specific test objectives is also provided. In the next mathematics course, fewer of these things will be done. A minimum grade of "C-" in this course is required for MAC 1114, MAC 1140, or MAC 2233. Taking the next mathematics course the term immediately after completion of MAC 1105 is recommended.

LIBERAL STUDIES FOR THE 21ST CENTURY: The Liberal Studies for the 21st Century Program at Florida State University builds an educational foundation that will enable FSU graduates to thrive both intellectually and materially and to support themselves, their families, and their communities through a broad and critical engagement with the world in which they live and work. Liberal Studies offers a transformative experience; this course has been approved as meeting the Liberal Studies requirements and thus is designed to help you become a critical analyzer of quantitative and logical claims.

LIBERAL STUDIES FOR THE 21ST CENTURY COMPETENCIES: Students will demonstrate the ability to:

Analyze problems drawn from real-world scenarios by interpreting and evaluating data and applying appropriate mathematical, statistical, logical, and/or computational models or principles, using appropriate technology, and explaining the results.

These competencies will be evaluated throughout the term on each of the tests.

OPTIONAL Reference Text: Algebra and Trigonometry by Sullivan, Prentice-Hall. The testing software used in MAC 1105 is **eGrade**. There is no cost for this software. We are not using MyMathLab in MAC 1105.

Students in MAC 1140 are using MyMathLab and they are using the Sullivan Algebra and Trigonometry text. Students in MAC 1105 who would like access to the reference text material **and** plan to take MAC1140 in the future, should purchase MyMathLab because it comes with the e-text. (That is, you don't want to purchase a print edition of the text without MyMathLab to use as a reference for 1105, because you will then have to make an additional purchase when you take MAC 1140.)

Suggested homework problems from the optional reference text/MyMathLab are secondary; the primary homework problems are on eGrade. No homework is collected.

SUPPLEMENTARY MATERIALS: Course Objectives and Suggested Homework Problems for each section are available from the class BlackBoard site ; Video clips (for almost all objectives) are available there too.

CONTENT: Optional Reference Text: R.7, R.8, Class Notes on Equation Solving and Interval Notation, 2.1-2.4, 3.1-3.3, 3.5, 2.6, 4.3, 5.1, 5.4, 6.2, 6.3

ATTENDANCE AND DAILY WORK: Attendance at each class is expected of all students without exception. A student absent from class bears the full responsibility for all subject matter and procedural information discussed in class.

UNIVERSITY ATTENDANCE POLICY: Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

The allowed missed quizzes under the course Participation Requirement (given below) include all reasons – excused, or not.

PARTICIPATION REQUIREMENT: This course has a participation requirement **measured by assignment completion.**

Students are in danger of failing the course if they miss **more than 2** quizzes (lab, or required homework; **excused or not**). **Your final course average will be reduced by 1 point for each additional quiz missed beyond 2. No exceptions. (Even if a student has an excuse for a missed lab quiz, that still counts as a missed quiz.)**

GRADED WORK: Your graded work will consist of quizzes (in lab and outside of class) and tests. See descriptions below. **Students must have their FSU ID or a photo ID for all quizzes and tests.**

HOMEWORK QUIZZES: Quizzes given outside-of-class are called homework quizzes. Each homework quiz grade will count as a quiz grade. Three (3) attempts will be allowed for each of these quizzes, and the highest score will be retained as the grade. Students can use any text material and class notes to assist them on homework quizzes, **but students cannot receive any other assistance.** Students should not wait until the last minute to complete a Homework Quiz; time should be allowed to take the quiz at a campus lab. Extensions will not be given because of problems with network connections at home or problems related to using an unapproved browser. Because these quizzes may be taken over a period of time, **no make-up quizzes will be given; no quiz grades are dropped. If you miss a required homework quiz, then you must rely on the assistance you are receiving for your Quiz Average from russell eGrade Practice Participation Points (see below).**

LAB QUIZZES: A quiz will be given in lab on each non-test day. Only one attempt is allowed for these quizzes. **No make-up quizzes will be given; no quiz grades are dropped.** For a valid and verifiable absence, **students supplying the lecturer with necessary documentation will have their next Test grade counted for the missed quiz grade. Acceptable medical excuses must state explicitly that the holder is excused from class. (Documentation will not be accepted by e-mail.)**

QUIZ GRADE: Quizzes will be given as described above. **No make-up quizzes are given. No Quiz Grades will be dropped.** Students should prepare carefully for each quiz because emergencies and illnesses may come unexpectedly.

The Quiz Average is 10% of your course grade. Please note that the **Maximum Quiz Average is 100.**

$$\text{QuizAvg} = \frac{\text{LQ1} + \dots + \text{LQ08} + \text{HwQ1} + \dots + \text{HwQ12} + \text{PPP}}{20 \text{ (total number of quizzes given)}}$$

PPP = Your *total* number of problems answered correctly in the russell eGrade **Practice Class** ÷ 4. (Maximum of 200).

Your *current* practice problem total will be shown on your web-based grade page (updated weekly).

russell eGrade Classes: The russell eGrade server is used for all work done outside of class. Be sure to bookmark the direct link. The link is provided on Bb for your convenience, but Bb isn't required for eGrade access.

You will see two eGrade classes on russell eGrade designated for these two lecture classes.

Work done on the "**Practice**" class **does count** as part of your course grade (see above PPP).

The required outside-of-class homework quizzes will appear in the "**Req'd Hmwk Quiz**" class.

A separate server is used for work done in the M/W lab classes. Access to that server is limited to the lab classrooms. That is, **lab quizzes and tests are not available for review outside of lab class.**

Lecture Outline Required: A lecture outline is available on our Bb class. Instead of printing the outline yourself, the outline may be purchased (for about \$10) at Target Copy Center (635 W. Tennessee St). For minimal additional cost, students may request a spiral-bound version (or other binding) from Target Copy.

You must bring the outline to lecture class each day. It will be difficult to keep up in lecture class, unless you have the outline. When you are working problems outside of class, you should refer to the examples that were worked in lecture class. The purpose of the outline is to help you keep your lecture class examples organized and labeled by objective; that will make them easier to refer to when studying. I'm trying to help you learn to study your class notes outside of class; this is a skill we find is lacking in many students.

On-Line Web-Based Grade Pages: I don't use the University's Blackboard System for posting grades, but I will make your current grades available to you on-line by creating a web based grade page for each student. Grade pages will not be created until later this week. Grade pages will be updated at least twice per week; pages don't update automatically from eGrade. You will need to know your University assigned FSU EMPLID (all 9 digits).

TEST GRADING POLICY and TEST DATES: All tests will be taken during your lab. On test days, there is no practice time in lab; on-line practice problems will not be available in the computer classrooms.

Completed Tests are available for review only in lab at the time the test is completed and graded. Students should write down their answers orderly on the provided scrap paper. This organization will assist you in reviewing your quiz/test before/after it has been graded.

Students may not begin a test and then decide not to take it. Once a test is started, it must be completed.

Tests are required on the Test Dates. **Make-up testing times will not be scheduled.** If a student has excused absences for a test, his/her Test 3 grade will be used as the missed test grade. If a student has invalid or unverifiable absences from both a test, 85% of the student's Test 3 grade will be used as the missed test grade. **Acceptable medical excuses must state explicitly that the holder is excused from class on the day of the test.** Test 3 may be used for only one test absence.

BRING: FSU ID, sharpened pencils.

In the summer sessions, there is no exam week. Test 3 will be given on the last Wednesday of the session. Test 2 will contain material from Units I and II, and Test 3 will contain material from Units I, II, and III. (Tests are given in your assigned Lab Class on these dates.)

Test	Test Date
Test 1	Wednesday July 5
Test 2	Wednesday July 19
Test 3	Wednesday Aug 2

MULTIPLE TEST ABSENCES: Three tests total are given in the summer sessions (no final exam). A student's Test 3 grade may only be used for one test absence. Students should contact the Course Coordinator immediately if they miss or anticipate they will miss both Test 1 and Test 2.

FAMILY OBLIGATIONS vs. SUMMER SCHOOL: Students should note these test dates and keep them in mind when considering family obligations for the next six weeks. Family reunions and graduations are not valid excuses for missing tests. Please note that FSU is closed only on Tuesday, July 4. Classes meet on Monday, July 3 and Test 1 will be given on Wednesday, July 5.

GRADING: X, Y, Z are the first, second, and third tests respectively. Q = Quiz Average (Computed as described above; maximum Quiz Average is 100.) P = Participation Requirement deduction

A student's grade will be computed by whichever of the following results in a higher grade (**subject to Participation Req'mt see pg 4 above**). Academic integrity is essential to academic merit; an "F" in the course should be expected by a student involved in academic dishonesty.

$$(10Q + 24X + 33Y + 33Z)/100 - P \quad \text{or} \quad (10Q + 20X + 30Y + 40Z)/100 - P$$

A = 91.50 and above	B+ = 87.50-89.49	C+ = 76.50-79.49	D = 59.50-65.49
A- = 89.50-91.49	B = 81.50-87.49	C = 69.50-76.49	D- = 55.50-59.49
	B- = 79.50-81.49	C- = 65.50-69.49	F = below 55.50

COURTESY AND STUDENT CONDUCT CODE: Students should not arrive late to class without an explanation afterward or leave early from class without advance permission. Self restraint, courtesy and consideration for fellow students and the lecturer are important. FSU students not enrolled in MAC 1105 or other guests are not permitted without permission from the lecturer. Violators will be reported to the University Judicial Officer. Students may not alter the desktop, edit software preferences, or any other way tamper with the computers and software in the HTL classrooms. Violators will be reported to the University Judicial Officer for violation of the Student Conduct Code.

ACADEMIC DISHONESTY: The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to ". . . be honest and truthful and . . . [to] strive for personal and institutional integrity at Florida State University." (FSU Academic Honor Policy, found at <http://fda.fsu.edu/Academics/Academic-Honor-Policy>)

Students involved in academic dishonesty should expect severe academic penalties. These may include but are not limited to a grade of "F" assigned for the course or a grade of zero (which cannot be removed) assigned for the work in question. Academic Dishonesty is as defined in the Academic Honor Policy of the FSU Student Handbook. Please note: "Fabrication, Falsification, and Misrepresentation" is a specific charge in the Honor Policy. In particular academic dishonesty includes, but is not limited to, the giving or receiving of unauthorized assistance within or outside the classroom, the possession or use of restricted examination materials, plagiarism, use of an unauthorized calculator, and attempts at any of the above. During quizzes or exams students may not possess or refer to written information, or video or on-line examples, unless specifically authorized by the instructor, or receive oral information. On graded work done outside the class, plagiarism includes referring to the work of another student or consulting any other individual, or any tutor. Academic dishonesty also includes stealing, buying, selling, referring to, or attempting to access a copy of a Departmental examination or any part of a departmental exam before or after it has been administered (except for review of a student's test immediately after it is graded in lab). This includes attempting to leave the testing site with any unauthorized information, written or oral, about the test, any specific test questions, or solutions. Academic Dishonesty also includes another's work represented as your own. By turning in a quiz or examination the student in effect pledges that unauthorized assistance has been neither given nor received. All violations of these policies will be processed according to the Academic Honor Policy.

CALCULATORS: The only authorized calculator allowed during in-class Tests and Quizzes is the calculator available on the computers in the HTL classrooms. No other calculators are allowed. The use of unauthorized calculators is a violation of the Academic Dishonesty policies, as stated above, and will be dealt with accordingly.

OBTAINING HELP: Please take advantage of the help sessions offered by your Lecturer or Lab Instructor. We are anxious to help. Instructor office hours are one of the most underutilized resources available to students.

FREE TUTORING FROM FSU: Tutoring is available for this course via ACE Tutoring at the Learning Studio in the William Johnston Building. Appointments may be made, and drop-ins are welcome for one-on-one and group tutoring. Please contact the ACE Learning Studio at tutor@fsu.edu, 850-645-9151, or find more information at <http://ace.fsu.edu/tutoring>

Students should use caution when engaging the services of tutors (or tutoring services) that have no affiliation with FSU. If a tutoring service provides information, or materials, that violate the Academic Honor Policy, then you, by engaging that service, will be in violation of the Academic Honor Policy. If you provide test details to any individual or tutoring service, then you are in violation of the Academic Honor Policy. You will be asked to give an honor pledge for every graded assignment; please take it seriously.

SYLLABUS CHANGE POLICY

Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advance notice.