

INSTRUCTOR: Dr. P. LeNoir

OFFICE: 115-O MCH

OFFICE HOURS: T 4:00-6:00p.m. & F 10:00a.m.-1:00p.m.

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EMAIL: This is not a distance-learning course, and as such the instructor will not provide any instruction or send any solutions to problems via email. Since we meet on a regular basis, there is rarely ever a need for students to email, with the exception of an emergency. Please keep your email short and to the point and **always include your name, course and section number**. *Please do not send emails before first referring to this syllabus.*

ADDITIONAL OFFICE HOURS: Graduate Student Teaching Assistants will also hold office hours; these will be announced and will also be posted on your instructor's website.

COURSE OBJECTIVES and PREPARATION FOR FUTURE COURSES: We hope all students will gain understanding and proficiency in the algebra of basic mathematical systems and acquire the mathematical tools for future mathematics courses. In addition, we hope all students will develop habits necessary for success in mathematics - regular class attendance and keeping up with the course by keeping up with the homework. In MAC1105 we attempt to help you develop these habits by requiring outside-of-class on-line work and, in some classes, by recording class attendance. We also have repeated practice of specific test objectives. In your 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. You should take your next mathematics course the term immediately after you complete MAC 1105.

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: Neither the ALEKS Placement Test nor the FSU Math Department AMP test can 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.

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 have AP Calculus credit (Gp 3 or higher) may not take MAC 1105. Students in this category who need to fulfill their math requirement may take MGF 1106, MGF 1107, a Statistics class, or a Liberal Arts or Statistics CLEP (Google: FSU testing center clep).

Students who earn a C- or higher in MAC 1105 are NOT allowed to repeat the class, **with the following exception:** students who earn a C- in MAC 1105 **and** are Nursing majors, Exercise Science majors, Merchandizing/Prod Development majors are allowed to repeat MAC 1105.

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.

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 the online problems available at the russell eGrade site.** No homework is collected.

SUPPLEMENTARY MATERIALS: **Course Objectives** (which includes a list of optional text homework problems) for each objective are available in the **Course Library** on **Bb**; a link to **Video clips** (for almost all objectives) is available there too, as is a document of **Login Procedures** you may find useful. Your **Lecture Outlines** can be found there, as well [see LECTURE OUTLINES below]. You can also find links to **russell eGrade**, **Bb**, and **Video Clips** through the 1105 link on your instructor's webpage.

IMPORTANT WEBSITES: Be sure you have **BOOKMARKED** the following sites.

- your instructor's webpage, <http://www.math.fsu.edu/~plenoir>
- on-line Bb class, <http://campus.fsu.edu>
- on-line homework quiz and practice site, <http://russell.math.fsu.edu:9888>
- Video Clips, <http://www.math.fsu.edu/~blackw/MAC1105/Examples/>

LECTURE-LAB MODE: **Lecture class** meets **T R** at the times and locations listed above; **lab classes** meet every **Wednesday** according to the schedule:

| Section | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | 2:30-3:20 | 2:30-3:20 | 3:35-4:25 | 3:35-4:25 | 5:15-6:05 | 5:15-6:05 | 6:45-7:35 | 6:45-7:35 |
| Location | 104 HTL | 105 HTL | 104 HTL | 105 HTL | 104 HTL | 105 HTL | 104 HTL | 105 HTL |

The first meeting of your lab class will be **Wednesday, September 6.**

Important: You must attend the Lab Class for which you are registered. You may not attend a different lab, not even on a one-time basis. You may change sections only during DROP/ADD.

LECTURE CLASS: At this time your instructor will present new material, examples, and will take questions on homework problems. In order to prepare for the lectures, you should study the assigned sections in the text before coming to class and do the assigned homework from the previously covered section. Keeping up with the material is an important part of being successful in any mathematics course. The instructor will announce his/her policies concerning any quizzes that may be given in lecture class.

LAB CLASS: Lab classes are held in computer-equipped classrooms. Quizzes and tests will be given in lab. Seating is limited; you must attend the lab for which you are registered; **you may NOT attend a different lab class – not even on a one-time basis.** Lab proctors cannot provide individual instruction for students who have missed lecture class. You should bring your class notes and learn to use them as you work other problems. **In lab class, priority will be given to helping students who have class notes to reference. For all quizzes and tests, you should always write down your answers orderly on your scrap paper.** This will assist you in reviewing your quiz or test, before or after it has been graded.

LECTURE OUTLINES: Lecture outlines will be posted in the **Course Library** on our **Bb class** and you will need them for note taking during lecture class. **These lecture outlines are also available at Target Copy Center;** ask for the lecture outline for MAC 1105 (it will have the names *Blackwelder, Dodaro & LeNoir* on it). **It is the student's responsibility to stay current with notes.**

CALCULATOR POLICY: The **only authorized calculator** allowed during in-class tests and quizzes is the **calculator available on the computers in the lab classrooms.** **No other calculators are allowed; hand-held calculators are not allowed; cell phones, blackberries or similar device calculators are not allowed.** The use of unauthorized calculators is a violation of the Academic Honor Policy; **any person using an unauthorized calculator on a test/quiz will be given a grade of zero on the test/quiz.**

COMPUTER ASSISTED INSTRUCTION: This is a CAI course. All of your tests, lab quizzes and homework quizzes will be taken over the Internet, using the eGrade software, either from a computer in your lab classroom (in the case of tests & lab quizzes) or from some other site (in the case of homework quizzes). **If you do not have Internet access at home, then you must find time in your schedule to work on campus.** Campus lab information is 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. – **Firefox is recommended**). *Grade concerns related to the eGrade testing software will be referred to and resolved by appropriate authorities within the Math Department.*

IMPORTANT: The eGrade system gets sluggish when assignment deadlines approach. If you wait until the last minute to complete an assignment, nothing will be done if the system is slow and you do not get the assignment in on time. You simply will have lost the opportunity to complete that assignment. ***Do not use the AOL browser for any eGrade work. eGrade does not like AOL.*** ☹

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 go through Bb to access the russell eGrade. eGrade Practice records are refreshed on a regular basis so that the files do not become too large. The record refreshment takes place in the early hours of Saturday. Any practice item left open and ungraded at the time of the record refreshment cannot be accessed again.**

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.) **When working from a Wireless network on Campus, be sure to use FSU Secure; russell eGrade cannot be accessed using FSUWIN.**

COURSE 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

GRADED WORK: Your graded work will consist of quizzes (in lab, outside of class, and possibly in lecture class), tests, and a comprehensive final exam. Each is described below. **You must have your FSU ID or a photo ID for all quizzes and tests.**

LAB QUIZZES: There will be nine (9) lab quizzes **[REVISED]** (see QUIZ DATES on page 4). Only one attempt is allowed for these quizzes. **Quiz dates/times will not be rescheduled – not even on a one-time basis.** On quiz days, you will have 30-35 minutes at the beginning of each lab, during which you may practice and ask your lab proctor for help; the last 20-25 minutes will be set aside for the quiz. **Do not arrive late; you cannot take the quiz early.** You should come to the lab well prepared; the lab proctors cannot provide individual instruction for students who have missed lecture class; **priority will be given to helping students who have class notes to reference.**

HOMEWORK QUIZZES: At least 15 homework quizzes will be given throughout the semester, via the Internet, through a program called eGrade (refer to the *russell* website). Each homework quiz grade will count as a quiz grade. **On the homework quizzes you will be allowed three attempts, and the highest score of your three attempts is the only one that counts.** Students can use any text material and class notes to assist them on homework quizzes, but cannot receive any other assistance. Don't wait until the last minute to complete a homework quiz; allow time to take the quiz on campus should you encounter network connection problems at home; extensions will not be given because of such problems.

QUIZ GRADE: Quizzes will be given as described above and perhaps in lecture class. Lab quizzes and homework quizzes carry equal weight. **You should prepare carefully for each quiz; you never know when you will have an emergency or illness.**

You will have the opportunity, through class attendance and on-line practice, to earn points that will be used as part of your quiz average. **You will need a package of 3"x5" index cards** - lined or unlined; white or any color; but they **MUST** be 3"x5" (any other size or any paper torn/cut to look like a card will not be accepted).

TESTS: There will be three (3) tests, each given during lab (see TEST DATES on page 4). **Test dates/times will not be rescheduled – not even on a one-time basis.** On test days, there is no practice time at the beginning of lab; the test must be started at the beginning of class. Graded tests are not available for review at any time other than test day; you should **record the objectives missed** and **review your graded test before leaving.**

COMPREHENSIVE FINAL EXAM: The Final Exam is comprehensive. **Students will use an on-line registration program to reserve an exam time of their choice during Final Exam week.** Your Final Exam will be given in one of the computer-equipped classrooms (104 HTL, 105 HTL, 113 HTL, 114 HTL, 107 MCH or 319 HCB); **not necessarily in the same classroom where you have lab.** The Final Exam will be given sometime during Exam Week (December 11–15). **You will register on-line for a final exam time.** Final Exam Registration will **open at 7:00 a.m. on Wed., Nov. 8.** You must schedule an exam time **before 12:00 noon on Wed., Nov. 29.** During this 3-week period, you will be able to change your exam time, depending on available times. **You must check your exam schedule carefully; it is the student's responsibility to choose a time that does not conflict with the exam times for their other classes, as listed in the University Exam Schedule.** After final exam registration closes, changes without penalty will be made only for conflicts that involve documented changes in the exam schedule for your other classes. That is, changes will be made only if an instructor in one of your classes changes the time of the final exam from the Exam Schedule given in the University's Registration Guide, and this change conflicts with your selected MAC 1105 exam time. **A 15% penalty will be imposed on your Final Exam grade for any other changes made after registration closes.** This includes, but is not limited to, changes resulting from failure to register before the deadline, missing an exam, changes in travel, or because of airline ticket purchases.

About a week before registration begins, a link for the on-line registration will be made available at <https://www.math.fsu.edu/secure/bellenot/mac1105/exam>. Though available a week in advance, **this URL will not open until 7:00a.m. on Wed., Nov. 8.** **Special Note for SDRC Students:** Students who are registered with SDRC and are allowed extra time for testing, **may not register for the last exam time on any day.**

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 3** quizzes (lab, or required homework; excused or not). **Your final course average will be reduced by 1 point for each additional quiz missed beyond three (3). No exceptions.** (Even if a student has an excuse for a missed lab quiz, that still counts as a missed quiz.)

TEST DATES: **Test 1: Wednesday, October 4** **THIS IS A REVISED DATE**
Test 2: Wednesday, November 1 **THIS IS A REVISED DATE**
Test 3: Wednesday, December 6

QUIZ DATES: On the lab days during which a test is not scheduled, you will be taking a quiz. **Your lab does not meet Wednesday, August 30.** **Your first lab and first quiz is Wednesday, September 6.**

TEST & QUIZ POLICIES: *No makeup or early tests or quizzes will be given – test/quiz dates and/or times will not be rescheduled; not even on a one-time basis. No test or quiz grades will be dropped. No test or quiz may be retaken. You may not begin a test or quiz and then decide not to take it; once started, it must be completed, and it counts.* Completed tests and quizzes are available for review in your lab classroom at the time the test/quiz is completed and graded. Always write down your answers, orderly, on your scrap paper. This will assist you in reviewing your quiz or test, before or after it has been graded.

You should **prepare** for each quiz and test. **Be sure to grade your test/quiz each time; if left ungraded, it will prevent you from taking the next assignment.** ***There are no make-ups for quizzes and tests.***

If you are ill, please stay in bed and get an appointment with a doctor in order to have the absence excused. In case you are absent from a test or quiz due to a **valid, verifiable excuse**, such as a death in the family, illness, or a school sponsored event, you must provide documentation. Generally, transportation problems, visiting sick friends or relatives, and family events are not valid excuses for missing a test or quiz. Foul weather is an acceptable excuse **ONLY WHEN** the University cancels classes. **Acceptable medical excuses must be date specific and state explicitly that the holder is excused from class. Documentation needs to be turned in, in person, to the instructor, within five (5) days of the absence; you may NOT submit documentation via email. For extenuating circumstances, see the instructor, in person.**

**** FSU ID is REQUIRED FOR LAB TESTS & QUIZZES (also bring pen/pencils) ****

TESTS: If you have an **excused** absence for the test date, then your **Final Exam grade** will be used to replace the missed test. If you have **invalid or unverifiable** absences for the test date, a **penalized Final Exam grade (15% penalty)** will be used to replace the missed test grade. (The penalty will be applied only to the Final Exam grade that is used as the missed test grade; the full Final Exam grade will be used as the exam grade in the grading formula.) **The Final Exam grade may not replace more than one test grade.** *There are no make-ups for tests.*

LAB QUIZZES: For an **excused (valid and verifiable)** LAB quiz absence, your **next unit test grade** will be used for the missed quiz grade, assuming you supply your instructor with the necessary documentation. For subsequent LAB quiz absences, the student must meet with the instructor, and the situation will be handled on a case-by-case basis. A grade of **zero** will be assigned for an **unexcused** LAB quiz grade. *There are no make-ups for lab quizzes.*

HOMEWORK QUIZZES: For homework quizzes, there is **no recourse** if you fail to submit one by the deadline. A grade of **zero** will be assigned for that quiz. *There are no make-ups for homework quizzes.*

LOG IN FOR LAB: You will need to use your **FSUID** (the part before the @ in your FSU email address; the same login name you use for Blackboard) and your **EMPLID** to take tests and quizzes. Your **login name** is your **FSUID** and your **password** is the **last five digits** of your **EMPLID**. **To find your EMPLID:** Log on to Bb; click *Secure Apps*; click *Accept*; click *FSUID Identity Management*; from *Quick Links*, click *See Your EMPLID*. Enter your Bb login and password; click *Submit*. EMPLID appears in yellow box.

POSTING GRADES: For posting grades your instructor **DOES NOT** use the university's Blackboard system. Instead, your grades will be made available to you through the MGF 1107 link on your instructor's webpage. Details will be given in lecture class. Grades are usually updated about once every 2 to 3 weeks.

GRADING: There will be three tests, ten lab quizzes, at least 15 homework quizzes and the comprehensive Final Exam. **No test or quiz grades will be dropped.** Your grade will be computed by both of the formulas below, and you will receive whichever results in the higher grade. Academic integrity is essential to academic merit. A student involved in academic dishonesty should expect an F in the course.

$$\text{Course Grade (Avg 1)} = \frac{6U + Q + 3E}{10} - P \quad \text{or} \quad \text{Course Grade (Avg 2)} = \frac{4U + Q + 5E}{10} - P$$

where U = test average; Q = quiz average; E = Final Exam grade; P = participation requirement deduction

Letter grades will be determined from numerical grades as follows:

| | | | |
|---------------------|------------------|------------------|------------------|
| 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 |

BLACKBOARD: You should establish the habit of checking Bb on a **daily** basis. Everything from 'class announcements' to 'pages you should print and bring to lecture' will be posted there. Any emails that are sent will be sent to you through Bb. **Grades will not be posted on Bb. Please record your grades as you earn them.** Occasionally, the instructor will post grades, but it will **not** be on Bb, and instructions for how to check your grades will be included at the time of posting.

HOW TO SUCCEED: Your success in this course is directly related to the amount of time and effort you put into it. It is not unreasonable to expect that a student will spend 1-2 hours **per day**, or more, working on the course material. **EVERY DAY** you should 1) check your FSU email; 2) check Bb for posted course updates; 3) take detailed notes, then read and study them until you understand them completely; 4) go to the **russell** website to practice and to check for homework quizzes and **pay attention to due dates**; 5) **ASK FOR HELP – that is why you have an instructor.** ☺ Instructor office hours and help sessions are one of the most underutilized resources available to students.

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. Whether or not the instructor checks roll, the student's responsibility is not diminished.** Students are expected to attend classes, and students with excessive absences (excused or unexcused) are in danger of not receiving a passing grade. Students whose names do not appear on the class roll cannot attend classes.

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 (see page 4) include all reasons – excused or not.

OBTAINING HELP: Please take advantage of the office hours offered by your Lecturer and/or Lab Instructor. We are more than happy to help you. 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 a student, 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.*

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 imperative. In particular, excessive talking will not be tolerated. Please turn off cell phones. Guests are not permitted without permission from the lecturer. Students may not alter the desktop, edit software preferences, or any other way tamper with the computers and software in the classrooms. Violators will be reported to the University Judicial Officer for violation of the Student Conduct Code.

AMERICAN DISABILITIES ACT: Students with disabilities needing academic accommodations should: 1) register with and provide documentation to the Student Disability Resource Center (SDRC); then 2) bring letters to their instructors from SDRC indicating they need, and have been certified to receive, academic accommodations.

This should be done within the first week of class.

Each student must meet with his/her lecturer to discuss his/her particular situation and the available testing options. Accommodations will be provided within one week of that meeting, provided the student properly completes the registration process through CLOCKWORK.

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: Student Disability Resource Center, 874 Traditions Way, 108 Student Services Building, Florida State University, Tallahassee, FL 32306-4167; 850-644-9566 (voice) or 850-644-8504 (TDD). Email at sdrc@admin.fsu.edu or see their website, <http://www.disabilitycenter.fsu.edu>

ACADEMIC HONOR POLICY: 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. The FSU Academic Honor Policy may be found at <http://fda.fsu.edu/Academics/Academic-Honor-Policy>

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 three Unit Tests and on the comprehensive Final Exam.

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.