

## Math M118 Finite Mathematics General Course Policies

Instructor

Office phone

Email

Office hours

**Course materials on the web:** Go to [www.math.iupui.edu/courses](http://www.math.iupui.edu/courses) for practice tests, info about computer testing, online homework, course objectives, and homework answers. Scroll down to Math M118 and click on Course Materials.

**Oncourse:** Check Oncourse regularly (several times per week) during the semester for important information, announcements, resources and to see your grades.

**Text:** *Finite Mathematics*, 2009-2010, by Jeffrey Watt, Hayden-McNeil Publishing Co.

**Prerequisite:** By placement test or two years of high school algebra as evidenced by Math 110 or 111, with minimum grade of C-.

**Course Description and Objectives:** 3 credits. Topics include logic, set theory, permutations, combinations, simple probability, conditional probability and independence, Bayes' theorem, Bernoulli trials, expected value and standard deviation, normal approximation to a binomial variable, matrix algebra, and Markov chains.

**Calculators:** You will need a scientific calculator (about \$12) that performs combinations and permutations. A recommended model is TI-30Xa. *No graphing calculators or other information storage devices are permitted on tests. This will be enforced on the common final exam.*

**Attendance:** Attendance is crucial for success in this course and is required of all students without exception. A student absent from class bears full responsibility for all material covered in class. **Students who miss more than 50% of their class meetings during the first four weeks of the fall or spring semesters without contacting their instructor or department may be Administratively Withdrawn from the course.**

**Religious Holidays:** IUPUI respects the right of all students to observe their religious holidays and will make reasonable accommodation, upon request, for such observances. Students seeking accommodation for religious observances must make a request in writing by the end of the 2<sup>nd</sup> week of the semester to the course instructor and should use the [Request for Course Accommodation Due to Religious Observance Form](#). Detailed information may be found at <http://registrar.iupui.edu/religious.html>

**Practice Homework:** There will be daily assignments and it is important that you do them as the material is covered. We will only have time to go over a few problems from each section in class. Answers to the odd numbered problems are with course materials on the web. You are encouraged to work together and utilize the MAC and/or recitation sessions (see Student Services below). You should expect to spend several hours each day working problems and reading the sections as they are discussed in class.

**Student Services:** There will not be enough time in class to answer all questions from the homework, tests, etc. If you need more time to ask questions, you can see your instructor during office hours, visit the MAC (Math Assistance Center) or attend optional recitation sessions on Fridays. The MAC is in Taylor Hall – Room 102; go to <http://www.math.iupui.edu/mac/> to find out more about the MAC tutoring/mentoring schedules.

**Special Services:** Students who need accommodations because of a disability should register with Adaptive Educational Services and complete the appropriate forms issued by AES before accommodations will be given. The AES office is located in Taylor Hall (UC) room 137, or call 274-3241.

**Withdrawal:** Be sure to check the current semester calendar to find the withdrawal deadlines for this semester. Do not depend on the Administrative Withdrawal: if you stop attending class without withdrawing, you will fail the class.

### **Computer Testing – Fall and Spring Semesters only**

**During fall and spring semesters (not summer), four regular tests will be administered on desktop computers in the computer testing lab in SL 070 during scheduled times. You must take each test during the given testing period.** A missed test will be recorded as zero. The lowest of your four test scores will be replaced by your **next lowest** regular test score when computing your final course grade. This allows you to miss one test for family illness, accident, emergencies, failure to make a test reservation, etc. **There will be no make-up tests; no exceptions.**

Tests are designed to take about 1 hour, but the time limit is set at 2 hours to allow for downtime due to technology issues. Beginning with Test 2, you can expect each test to contain a few review questions from previously tested material.

**Test Times:** Mon-Thur 9 – 9, Friday and Saturday 9 – 5. Please note that the testing lab is NOT open for Math M118 testing on Sunday. **Also note that testing ends at 9 pm Mon-Thur and at 5 pm Friday and Saturday.** This means that a student who begins a test at 8:15 pm on Tuesday will have 45 minutes to complete the test.

**Test Reservations:** You are encouraged to make a reservation prior to each test and to test early in each testing cycle. We cannot guarantee that a computer will be available if you arrive at the testing lab without a reservation.

**Final Exam:** The final exam is a mandatory, comprehensive, departmental, paper/pencil exam. Check the current semester calendar to find the date and time for the final exam. Be sure that you do not have any conflicts with the date and time of the final exam. Room assignments for the final exam are announced in class late in the semester. **You must take and pass the final exam to pass the class. You cannot drop or replace your final exam score.**

**Grading:** Refer to the class policies/syllabus for your specific class and instructor. Your course grade is determined by the total of your points from instructor-specific assignments (usually quizzes and graded homework sets), tests, and the final exam.

**Academic Integrity:** The Department of Mathematical Sciences takes academic integrity very seriously. The usual penalty for a student caught cheating includes an F in the course. Further penalties may include probation, suspension, or expulsion.

**Conduct:** The *IUPUI Code of Student Rights, Responsibilities, and Conduct* may be found on the Office of Student Life & Diversity homepage <http://life.iupui.edu/help/>

**Course Coordinators:** Questions and problems relating to this course should be directed to Joan Rainey, [jrainey@math.iupui.edu](mailto:jrainey@math.iupui.edu) or Chris Dona [cdona@math.iupui.edu](mailto:cdona@math.iupui.edu) or Jeff Watt, [jwatt@math.iupui.edu](mailto:jwatt@math.iupui.edu)