

MATH 362 Theory of Interest, Section 1

Class Times: M W F, 13:00 – 13:50, Sci D228

Instructor: Daniel Harnett

Office: Sci D353 Email: dharnett@uwsp.edu

Office Hours : MTWR 12:00 – 12:50, or by appt.

Course Description:

3 cr. Interest rate measurement, force of interest, valuation of annuities with constant or non-constant payments, amortization and loan payment schedules, bond valuations, methods of measuring rate of return, spot and forward rates of interest, cash flow duration and immunization.

Required Materials:

1. **Text:** Mathematics of Investment and Credit, 6th Ed., by S.A. Broverman, available at Text Rental
2. **Calculator:** TI-83, TI-83+, TI-84, or TI-84+ recommended. You need a calculator with standard Business/Financial functions. Cellphone calculators, and in general calculators that communicate with other calculators, are NOT allowed during tests.
3. **Computer access:** You are expected to access your UWSP email and the Desire 2 Learn (D2L) web site on a regular basis. A standard spreadsheet program, EXCEL or equivalent, will be necessary for working homework problems.

Attendance: You are expected to attend every class. In general, this is a course in which you cannot afford to miss a class. If you are absent, for any reason, it is your responsibility to talk with others who were present, and get notes from them. You are responsible for making sure that you have copies of all materials distributed in class, announcements made in class, and content covered in class. If you miss an exam (DON'T!), it is YOUR responsibility to contact the instructor ASAP.

Homework and Quizzes: There will be a written homework assignment every one or two weeks, about 8 for the semester. Assignments will be listed on the D2L page. For written assignments, you must write a complete solution to each problem, bare answers without support will receive no credit. If a spreadsheet is used, then a printout should be attached. Spreadsheets should be organized for readability. Late homework will not be accepted without the instructor's permission. You may work on the homework with others, but each student must write and turn in their own complete assignment.

Exams: There will be three exams during the semester, plus a final exam. The exam dates and content will be announced in class well in advance. The first exam will come at the end of Chapter 2, probably (this will be announced later) on Feb. **17 or 20**.

Final Exam: The Final Exam will be on Monday, May 15 at 10:15 am.

Grade Calculation:

Homework Assignments	30%
3 Exams	45%
Comprehensive Final Exam	25%
Total	100%

Grades for each assignment and exam will be recorded on your D2L page. Questions about individual grades must be addressed within one week from the day the paper is returned to you.

Your letter grade will be assigned based on the following scale:

A: 93-100%	A - : 90-92%	B+: 87-89%
B: 83-86%	B-: 80-82%	C+: 77-79%
C: 73-76%	C- : 70-72%	D+: 67-69%
D: 60-66%	F: 59% or less	

The above table is a minimum guide, the instructor may make positive adjustments at the end of the semester.

Academic Integrity

You should be fully aware of your rights and responsibilities as a UWSP student. These are detailed in the UWSP Community Bill of Rights and Responsibilities found at <http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>

Information regarding Section 504 of the Rehabilitation Act or the Americans with Disabilities Act can be found at the UWSP Disability and Assistive Technology Center site <http://www.uwsp.edu/disability/Pages/default.aspx>

Religious Beliefs: Students' sincerely held religious beliefs will be reasonably accommodated with respect to all examinations and other academic requirements. According to UWS 22.03, you must notify the instructor within the first three weeks of classes about specific dates which require accommodation. See the link below:

<http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>