Financial Management

FINN 3120
Section #091

Spring 2016

Time: 5:00 p.m. - 6:15 p.m. Tuesday & Thursday
Instructor: Dr. Tony Plath
Friday Building, Room #250-C

Location: Room #142 Friday
Office Hours: UNCC: 6:15 - 7:00 p.m. Tuesday & Thursday, (Friday Building);
Uptown: 8:15 - 9:00 p.m. Wednesday, (Center City Bldg.)
and by appointment.

Phone Numbers:
UNCC: 704-687-7626 (voice)
704-687-6987 (fax)
Internet: daplath@uncc.edu

Texts


MyFinanceLab, an integrated online homework management system that provides hands-on practice and guided tutorial instruction for each of the chapters in your text. Specific instructions for purchasing this optional product are located in Appendix A at the conclusion of this syllabus.

Accessing Course Resources on the University’s Moodle Web Site

As discussed in class, solutions to the assigned homework problems from the textbook and other course material are available for download from your password-protected Moodle account at UNC-Charlotte, accessible at https://moodle2.uncc.edu for all students registered in the course. To make it easy to locate different types of information that are available on Moodle for this course, the material is organized into a series of different topics (e.g., Homework Solutions, Calculator Manuals, Calculator Instruction Sheets, etc.) that should be self-explanatory, and individual document files (PDF files) associated with each topic are located under each topical heading.

To make it easy to locate homework solutions that correspond to each particular chapter of your text, the Homework Solutions topic in Moodle contains a different PDF file for each chapter in your textbook. Thus, the homework solutions for all problems in Chapter 1 of the text are located in the PDF file entitled chapter01.pdf, the homework solutions for problems in Chapter 2 of the text are located in the PDF file entitled chapter02.pdf, etc.

FINN 3120

Financial Management

Academic Prerequisites

To enroll in this course students must have (1) a declared major in the College of Business with (2) at least Junior standing (e.g., 60 or more earned semester hours), and (3) have completed the following prerequisite courses:

MATH 1120 College Calculus,
STAT 1220 Statistics I,
ECON 2101 Macroeconomics,
ECON 2102 Microeconomics,
ACCT 2121 Financial Accounting,
ACCT 2122 Managerial Accounting,
INFO 2130 Introduction to Business Computing
(or successful completion of the Microcomputer Proficiency Test)

Course Description

Financial management represents the process of planning for, acquiring, and allocating funds by a business enterprise. This process involves several decision-making tools, including the time value of money, financial statement analysis and financial forecasting, working capital management, pricing various types of risk facing the firm, asset and project valuation, and determination of the firm’s optimal capital structure. This semester we will investigate how each of these decision-making tools is used to help financial managers accomplish the task of planning for, acquiring, and allocating funds within the business. Computer and financial calculator applications will be included where these are appropriate to the nature of the problems we are investigating.

Course Objective

The object of FINN 3120, Financial Management, is to provide students with an introduction to the nature and methods of financial analysis within the context of the business enterprise. To accomplish this objective, we will focus our attention on:

1. developing an awareness of some major financial problems facing modern, for-profit business organizations as well as individual consumers;
2. obtaining an understanding of the basic principles and concepts necessary to analyze these financial problems; and
3. developing the ability to apply these principles and concepts so that students can independently evaluate alternative solutions to basic problems confronting the financial manager.
This course is an analytical (which means quantitative) course. Lectures are based on the material in the text and should serve as a guide so that you can maintain an appropriate reading pace. Given the complex nature of some portions of the text, students are advised to review the assigned reading material before it is discussed in class to obtain a feel for the way the material is organized and presented. Following lecture, students should carefully read the relevant portion of the text, emphasizing material in the text that is discussed in class, to acquire a better understanding of the material.

The assigned homework problems corresponding with each chapter of the text should be examined prior to the date the chapter is discussed in class. This gives students an opportunity to (1) recognize the manner in which financial problems are presented and structured, and (2) anticipate the content of the class lecture scheduled for each particular class period. After a particular chapter’s problems are discussed in class, students should reread the assigned homework problems, answering questions and performing required calculations. These problems provide excellent preparation for course examinations, and give students an opportunity to practice the application of quantitative methods in financial decision-making.

It is not necessary for students to hand in the assigned homework problems for a grade. The problem assignments shown below in Table 1 represent the recommended minimum set of practice problems that all students should complete to master the financial tools and methods presented in the course and prepare for course examinations. Of course, students who wish to obtain additional practice using a particular set of financial tools or methods should supplement the assigned homework problems with a few of the extra, unassigned problems that remain in the problem set shown at the conclusion of every chapter of the textbook.

Given the frequent quantitative manipulation of financial information required in business administration in general and this course in particular, it is necessary for each student to possess and use a basic financial calculator to complete this course in a satisfactory manner. A basic financial calculator can accommodate time value of money problems, net present value problems, calculation of the yield to maturity (YTM) associated with corporate bonds and the internal rate of return (IRR) associated with capital investment projects, and evaluate basic exponential functions. While students are welcome to select whichever brand of financial calculator that they prefer, the instructor recommends the use of the Hewlett Packard Model 10-B or Model 17-B II.

### Important Dates

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>March 21st</td>
<td>Last Drop Day</td>
</tr>
<tr>
<td>Tuesday</td>
<td>May 10th</td>
<td>Final Exam 5:00 - 7:30 p.m.</td>
</tr>
</tbody>
</table>

### Other Valuable Information

1. The dates shown in Table 1 below are subject to change. This schedule, however, should serve as a guide so that you can maintain an appropriate reading pace. Given the complex nature of some portions of the text, students are advised to review the assigned reading material before it is discussed in class to obtain a feel for the way the material is organized and presented. Following lecture, students should carefully read the relevant portion of the text, emphasizing material in the text that is discussed in class, to acquire a better understanding of the material.

2. This course is analytical (which means quantitative) course. Lectures are based on the material in the text and current events drawn from The Wall Street Journal. Exams are based on the assigned chapters of the text and lecture material. While students are responsible for all assigned material whether or not it is discussed in class, the majority of test questions deal with material covered in class.

3. The assigned homework problems corresponding with each chapter of the text should be examined prior to the date the chapter is discussed in class. This gives students an opportunity to (1) recognize the manner in which financial problems are presented and structured, and (2) anticipate the content of the class lecture scheduled for each particular class period. After a particular chapter’s problems are discussed in class, students should reread the assigned homework problems, answering questions and performing required calculations. These problems provide excellent preparation for course examinations, and give students an opportunity to practice the application of quantitative methods in financial decision-making.

4. It is not necessary for students to hand in the assigned homework problems for a grade. The problem assignments shown below in Table 1 represent the recommended minimum set of practice problems that all students should complete to master the financial tools and methods presented in the course and prepare for course examinations. Of course, students who wish to obtain additional practice using a particular set of financial tools or methods should supplement the assigned homework problems with a few of the extra, unassigned problems that remain in the problem set shown at the conclusion of every chapter of the textbook.

5. Given the frequent quantitative manipulation of financial information required in business administration in general and this course in particular, it is necessary for each student to possess and use a basic financial calculator to complete this course in a satisfactory manner. A basic financial calculator can accommodate time value of money problems, net present value problems, calculation of the yield to maturity (YTM) associated with corporate bonds and the internal rate of return (IRR) associated with capital investment projects, and evaluate basic exponential functions. While students are welcome to select whichever brand of financial calculator that they prefer, the instructor recommends the use of the Hewlett Packard Model 10-B or Model 17-B II.

### Exam Grades

<table>
<thead>
<tr>
<th>Attendance Record Days Present</th>
<th>Total Number of Students</th>
<th>Pre-Bonus Points: Average Course Point Total</th>
<th>Final Course Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>44</td>
<td>77.0</td>
<td>18 17 7 0 0</td>
</tr>
<tr>
<td>9</td>
<td>16</td>
<td>76.2</td>
<td>3 7 3 3 0</td>
</tr>
<tr>
<td>8</td>
<td>13</td>
<td>72.5</td>
<td>1 4 6 2 0</td>
</tr>
<tr>
<td>7 or fewer</td>
<td>27</td>
<td>70.3</td>
<td>1 7 6 8 5</td>
</tr>
<tr>
<td>Total</td>
<td>100</td>
<td>73.2</td>
<td>23 35 22 13 5</td>
</tr>
</tbody>
</table>

Notice the strong positive relationship between regular course attendance and final course grades. The message is clear... Want to earn better grades? Attend class on a regular basis.
Financial Management

Important University and/or College Policies

1. **ACADEMIC INTEGRITY.** All UNCC students have the responsibility to be familiar with and to observe the requirements of the UNCC Code of Student Academic Integrity (see the Catalog). This code forbids cheating, fabrication or falsification of information, multiple submission of academic work, plagiarism, abuse of academic materials (such as Library books on reserve), and complicity in academic dishonesty (helping others to violate the code). Any further specific requirements or permission regarding academic integrity in this course will be stated by the instructor, and are also binding on the students in this course. Students who violate the code can be punished to the extent of being permanently expelled from UNCC and having this fact recorded on their official transcripts. The normal penalty is zero credit on the work involving dishonesty and further substantial reduction of the course grade. In almost all cases, the course grade is reduced to "F". If you do not have a copy of the code, you can obtain one from the Dean of Students Office. Standards of academic integrity will be enforced in this course. Students are expected to report cases of academic dishonesty they become aware of to the course instructor who is responsible for dealing with them.

2. **ATTENDANCE.** Students are expected to attend punctually all scheduled sessions in the courses for which they are registered and are responsible for completing the work from all of the class meetings. Absences from class may be excused by the instructor for such reasons as personal illness, religious holidays, participating as an authorized University representative in an out-of-town event, or unavoidable professional responsibilities that require missing a class. Whenever possible, students are expected to seek the permission of the instructor prior to absences.

3. **DISENROLLMENT.** At the discretion of the department offering a course, a student may be disenrolled from a course section if he or she does not attend the first scheduled meeting of the section. The department chair has the responsibility for providing timely notification to the student who is disenrolled.

4. **COURSE WITHDRAWAL.** Under the UNCC Course Withdrawal Policy, students may withdraw from a course until the withdrawal deadline and the mark of "W" will be assigned. No withdrawals will be permitted after the course withdrawal deadline. It is the student's responsibility to determine by the withdrawal deadline whether to withdraw from the course or stay in for a grade. Students are expected to complete all courses for which they are registered at the close of the add/drop period. If you are concerned about your ability to succeed in this course, it is important to make an appointment to speak with me as soon as possible. Because University policy on withdrawal allows students only a limited number of opportunities available to withdraw from courses, it is important for you to understand the financial and academic consequences that may result from course withdrawal. The last day to withdraw is Monday, March 21st.

5. **ELECTRONIC DEVICES IN CLASS.** The use of cell phones, smart phones, or other mobile communication devices during class time is disruptive, and is therefore prohibited during class. Except in emergencies, those using such devices must leave the classroom for the remainder of the class period. Students are permitted to use computers during class for note-taking and other class-related work. Those using computers during class for activities not related to class must leave the classroom for the remainder of the class period.

6. **DIVERSITY.** The Belk College of Business strives to create an inclusive academic climate in which the dignity of all individuals is respected and maintained. Therefore, we celebrate diversity that includes, but is not limited to, ability/disability, age, culture, ethnicity, gender, language, race, religion, sexual orientation, and socio-economic status.

Examinations

1. Exams will cover the assigned reading materials and lecture notes as shown in Table 1 below as well as the specific current events topics that are discussed in class. Exams questions will be presented to students in a multiple-choice format and include conceptual (e.g., non-mathematical) issues as well as problem-solving opportunities that require numeric manipulation. Because many questions will require some arithmetic computation, you should always bring a financial calculator on exam days.

2. Because course examinations will follow a multiple-choice format, students will be required to record examination answers on Scantron answer sheets which will be provided in class for each of the course examinations. Students should always remember to bring a Number Two pencil with a good eraser on exam days to record answers on the Scantron answer sheets.

3. Sample multiple choice-type exam questions will be presented as practice problems and demonstration problems throughout the semester in class (see the section of the syllabus describing the award of bonus points below). These sample exam questions should help students become familiar with the content, structure, and level of difficulty associated with examination questions used in the course. All of the problems presented in class as demonstration exam questions/problems, together with the correct answers for these problems, are available on the course Moodle site under the section titled "In Class Demonstration Exam Questions."

4. Three equally weighted examinations will be given in this course: Two midterm exams covering the material indicated in the course outline, and a noncomprehensive final exam. Each midterm exam includes 25 equally-weighted multiple choice questions (where each question is worth 4 out of a total 100 points), while the final exam includes 50 equally-weighted multiple choice problems (where each question is worth 2 out of a total 100 points).

5. Students will be permitted to bring ONE 8½"-by-11" sheet of paper containing notes, formulae, etc. into each examination session during the semester. Given the use of a "cheat sheet," it is not necessary for students to memorize equations, names, dates, places, etc. when preparing for course examinations. Rather, students should emphasize understanding financial concepts and relationships when preparing for exams.

6. Given the limited time period allowed for each course examination (e.g., the length of the class period for midterm exams and three hours for the final exam), students will not be permitted to use calculator manuals or time-value interest factor tables during the exams. There simply isn't sufficient time to read the examination questions, reference material on your formula sheet, review specific keystroke instructions in your calculator manual, verify time-value interest factors from a hard-copy table, and respond to each examination question during the course exam periods. Thus, students are expected to know how to perform the relevant keystroke sequences necessary to solve basic financial problems on their calculators from memory during each course exam.

7. Students who are unable to attend a scheduled examination must present the instructor with documentation of a valid medical, family, or personal emergency to obtain permission to take-make-up the missed examination. In this circumstance, all make-up exams will be given on Tuesday evening, May 3rd, at 6:15 p.m. Note that this is AFTER the last drop day for the semester. Students who fail to make-up a missed examination, or fail to attend the scheduled final exam, will receive a score of zero for all missed work.
Course Grading

Final course grades will be determined according to the following schedule. While the point-grade assignment may be subject to downward revision, it will never be increased.

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Possible Points</th>
<th>Weight</th>
<th>Weighted Total Points</th>
<th>Course Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midterm Examination I</td>
<td>100</td>
<td>33%</td>
<td>90 - 100</td>
<td>A</td>
</tr>
<tr>
<td>(25 Questions)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Midterm Examination II</td>
<td>100</td>
<td>33%</td>
<td>80 - 89</td>
<td>B</td>
</tr>
<tr>
<td>(25 Questions)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final Examination</td>
<td>100</td>
<td>33%</td>
<td>70 - 79</td>
<td>C</td>
</tr>
<tr>
<td>(50 Questions)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTALS</td>
<td>300</td>
<td>100%</td>
<td>60 - 69</td>
<td>D</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Below 60</td>
<td>F</td>
</tr>
</tbody>
</table>

Bonus Points for Regular Class Attendance:

In addition to the points that students earn on regular course examinations and the final exam, you can qualify for up to TEN extra bonus points added to the weighted total points you earn on course exams by demonstrating regular class attendance at scheduled lecture periods. How do you do this? Over the course of the semester we will take 3 or 4 sample examination questions from each of the chapters we cover in class from your text, and answer these questions in class as classroom demonstration exercises on various class days throughout the semester. Students will respond in class to each of the sample exam questions we cover using the Turning Technologies’ Response Card NXT clicker (shown in Figure 1 below) to report their answers in class.

While incorrect answers reported for these sample questions have no bearing on student grades, student answers to the demonstration problems WILL be used to confirm attendance on ten attendance reporting class days selected at random from the set of days we cover various demonstration problems in class. In sections of the course that meet twice each week, we cover sample exam questions in class on approximately 14 or 15 class days throughout the semester, but only ten of the days in which we cover sample exam questions will be considered attendance reporting class days.

Students who are present for all ten of the attendance reporting class days will have ten bonus points for regular class attendance added to their weighted average point total earned in the course at the end of the semester, students who are present for eight or nine of the attendance reporting class days will have five bonus points for regular class attendance added to their weighted average point total, and students who miss three or more of the ten attendance reporting class days will earn zero bonus points for regular attendance. Obviously, to qualify for a bonus point award at the conclusion of the semester students must attend class; there are NO excused absences from class that would otherwise qualify students for the award of attendance-related bonus points.

Participation in the Bonus Point Program is entirely optional for students, but you must (1) own a Response Card NXT clicker (borrowing a clicker from another UNC Charlotte student does not qualify for participation in the program, since each clicker is uniquely registered to an individual student), (2) register your clicker under your Moodle Account for the FINN 3120 course at the beginning of the semester, and (3) bring your clicker to class each class period during the semester (after all, if you don’t have your clicker with you on each of the attendance reporting days, you can’t report your attendance in the first place). Finally, it’s a good idea to keep a spare set of clicker batteries handy just in case your batteries happen to fail on one of our attendance reporting days. Based on past experience, it doesn’t happen frequently, but every once in awhile (around 1 percent of the time) student clicker batteries just happen to fail during a class period.

Please remember, students who fail to register a clicker by the BEGINNING OF THE SECOND WEEK of the semester will NOT be eligible to participate in the Bonus Point Program.

For students who are not familiar with purchasing and/or using the NXT clicker in courses at UNC-Charlotte, additional information can be located at https://moodle2.uncc.edu under the hyperlink titled “Introduction to Clickers.” The current firmware version for the NXT clicker is 1.1.1. Please check to make sure your clicker is using the current firmware version. If necessary, you can obtain a firmware upgrade at no charge by following the upgrade instructions shown on the Moodle web page referenced above.
Welcome to MyFinanceLab for FINN 3120

MyFinanceLab is a dynamic, interactive Learning program offered by your textbook publisher. In connection with your registration in FINN 3120 at UNC Charlotte, you are welcome to use this online resource if you would like to do so. Use of MyFinanceLab is strictly voluntary in FINN 3120. It is offered to you as an optional electronic resource to enhance your performance in the Financial Management course, if you chose to use it.

To access your MyFinanceLab online course for the first time, you need to register and log in. Whenever you want to use MyFinanceLab after that, you just need to log in. You can do both from the same starting point, at www.pearsonmylabandmastering.com.

I. To register for MyFinanceLab

To register, you will need a student access code and the Course ID Number shown below. If you purchased a new textbook, it should have come with a Student Access Kit that contains a code you can use to register. If you do not have a Student Access Kit, you can purchase access online with a major credit card or through PayPal.

COURSE ID Number: plath41972
COURSE NAME: FINN 3120 Spring 2016 - Section 091

Registration Instructions:

2. Under Register, click Student.
3. Enter the Course ID Number shown above, and click Continue.
4. Sign in with an existing Pearson account, or create a new account:
   a. If you have used a Pearson website in another course (for example, MyITLab, Mastering, MyMathLab, or MyPsychLab), enter your Pearson username and password. Click Sign In.
   b. If you do not have a Pearson account, click Create. Write down your new Pearson username and password to help you remember them.
5. Select an option to access the online course materials:
   a. Use the access code that came with your textbook, or that you purchased separately from the bookstore.
   b. Buy access using a credit card or PayPal account.
   c. If available, get 14 days of temporary access (look for a link near the bottom of the web page).
6. Click Go To Your Course on the Confirmation page. Under MyLab & Mastering New Design on the left, click on the course name shown above to start your work.
7. If you are retaking this course or enrolling in another section of the course that uses the same book, be sure to use your existing Pearson username and password. You will not need to pay again.

II. To log into MyFinanceLab

1. Go to http://www.pearsonmylabandmastering.com
2. Enter your personal user name and password you just created, and click Sign In.
3. Under MyLab & Mastering New Design on the left, click on the course name shown above to start your work.

III. Need More Help?

See Students > Get Started at www.pearsonmylabandmastering.com for more information.
## FINN 3120-- Weekly Course Schedule

<table>
<thead>
<tr>
<th>Week Number</th>
<th>WEEK of</th>
<th>Topic</th>
<th>Assigned Problems from Textbook</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>January 18</td>
<td>Textbook Chapter 2: Financial Markets and Interest Rates</td>
<td>1, 2, 3, and 4.</td>
</tr>
<tr>
<td>3</td>
<td>January 25</td>
<td>Textbook Chapter 16: International Business Finance</td>
<td>1, 2, 3, 4, and 5.</td>
</tr>
<tr>
<td>4</td>
<td>February 1</td>
<td>None</td>
<td>Midterm Examination I (Chapters 1, 2, 3 (pp. 76-79 only), and 16)</td>
</tr>
<tr>
<td>5</td>
<td>February 8</td>
<td>Textbook Chapter 3: Understanding Financial Statements and Cash Flow</td>
<td>1, 2, 3, 5, and 6.</td>
</tr>
<tr>
<td>7</td>
<td>February 22</td>
<td>Textbook Chapter 14: Financial Forecasting and Planning (pp. 437-444)</td>
<td>1 and 8.</td>
</tr>
<tr>
<td>8</td>
<td>March 7</td>
<td>None</td>
<td>Spring Break Week</td>
</tr>
<tr>
<td>9</td>
<td>March 14</td>
<td>Textbook Chapter 5: The Time Value of Money (Continued)</td>
<td>See above list for Chapter 5.</td>
</tr>
<tr>
<td>10</td>
<td>March 21</td>
<td>None</td>
<td>Midterm Examination II (Chapters 3, 4, 14, and 5)</td>
</tr>
<tr>
<td>11</td>
<td>March 28</td>
<td>Textbook Chapter 6: The Meaning and Measurement of Risk and Return</td>
<td>1, 2, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 16, and 17.</td>
</tr>
<tr>
<td>12</td>
<td>April 4</td>
<td>Textbook Chapter 7: The Characteristics and Valuation of Bonds</td>
<td>1, 2, 4, 5, 6, 7, and 9.</td>
</tr>
<tr>
<td>13</td>
<td>April 11</td>
<td>Textbook Chapter 8: The Characteristics and Valuation of Stock</td>
<td>1, 2, 3, 4, 5, 6, 7, 9, 10, and 12.</td>
</tr>
<tr>
<td>14</td>
<td>April 18</td>
<td>Textbook Chapter 9: The Cost of Capital</td>
<td>1, 2, 3, 4, 5, 6, and 8.</td>
</tr>
<tr>
<td>15</td>
<td>April 25</td>
<td>Textbook Chapter 10: Capital Budgeting Techniques and Practice</td>
<td>1, 2, 3, 4, 5, 6, 7, 10, 11, 12, and 14.</td>
</tr>
<tr>
<td>16</td>
<td>May 2</td>
<td>Textbook Chapter 11: Cash Flows and Other Capital Budgeting Topics</td>
<td>1, 2, 4, 5, and 6.</td>
</tr>
<tr>
<td>17</td>
<td>May 9</td>
<td>None</td>
<td>FINAL EXAM (Chapters 6, 7, 8, 9, 10, and 11) Tuesday, May 10th: 9:00 - 1:30 p.m.</td>
</tr>
</tbody>
</table>

**IV. Valuing Securities in Finance**

**V. Strategic Issues in Financial Management**