Reagan National University Library Services:

RNU's online collection contains over 60,000 volumes comprised of books, journals, videos, and faculty created resources. The Library Research Portal (library@rnu.edu) provides access to multiple services and authoritative resources for academic research including books, articles, texts, visual media, and teaching resources. Appropriate sources include scholarly and peer-reviewed journal articles, scholarly books, and well-respected news magazines and newspapers. The Library offers a large number of appropriate sources and each student is required to attend an online Library orientation. Assistance is available to help students select and locate appropriate sources when RNU is open. The online library is available to students 24 hours 7 days a week. All students can connect to the online library through the computers and laptops available at home and on campus. Each student must use their own pass code to access the library.

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Reagan National University

Syllabus

1. Administrative Information:

Course Number: FIN 333
Course Title: Financial Quantitative Methods
Credit Hours: 3
Prerequisite: FIN 201
Term: SP 2019
Class Time: TU 9:00-12:45
Class Room: 3
Instructor: [name]
Office Hours: M TU 11:00 AM – 1:00 P. M.
Telephone: [number]
E-Mail: [email]

Revised 2019.10
Catalog Description:

This course covers statistical methods and mathematical models for forecasting future market movements. The objective of this course is to use economic theories and quantitative methods for investments that have wide applicability in business and financial decision making. It prepares students to develop the theoretical knowledge and practical skills required for successful working with multiple types of risks in modern financial markets.

Teaching Procedures:

Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

Participation in Class Discussion

Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:

- Offers a different and unique, but relevant, perspective;
- Contributes to moving the discussion and analysis forward;
- Builds on other comments;
- Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

We will use our assessment of your participation to manage borderline grades. While your participation grade is subjective, it will not be random or arbitrary. And, clearly, more frequent quality comments are better than less frequent quality comments.

Text:


Course Requirements:

Letter grades will be assigned to each student based on a mathematical calculation of the points earned on the examinations. The weights of the exams are:

- Contribution to Class ..... 10%
- Homework .................. 10%
- Midterm .................... 30%
- Final ....................... 30%

Revised 2019.10
Term Project: 20%

Term project requires students to write a report on “Quantitative Research in Financial Economics.” This paper examines quantitative modeling, backed up by appropriate empirical research in relation to financial decision-making, is a topic of ongoing importance to policymakers, financial practitioners, academics and the public at large. The paper is expected to be between 8 and 10 pages in length, including front and back matter. Sections of the paper will be developed throughout the course.

No makeup exams!!!

The course grades are assigned as:

- 90 – 100% = A
- 80 – 89% = B
- 70 – 79% = C
- 60 – 69% = D
- Below 60% = F

Note: Scores and grades will not be “curved.” Therefore, any number of students in this course can earn a score of 100 (or 0) on quizzes or exams; and any number of students can earn a grade of “A” (or “F”). By using the preceding factor, a student should constantly be aware of his/her potential final grade in the course. Students are welcome to discuss with the professor regarding to his/her progress or any aspects of the course.

Course Schedule

<table>
<thead>
<tr>
<th>Class</th>
<th>Topic</th>
<th>Subtopic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Linear Optimization</td>
<td>Introduction to Optimization</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Graphical Solution Methods and the Simplex</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Solving linear programs using MATLAB</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sensitivity Analysis and Dual Prices</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Feasibility and Unboundedness</td>
</tr>
<tr>
<td></td>
<td></td>
<td>More linear programs</td>
</tr>
<tr>
<td>4</td>
<td>Integer Programming</td>
<td>Intro to integer programming</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Solving IPs through linear relaxation</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Binary restrictions, Capital Budgeting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Logical Constraints, Fixed cost models</td>
</tr>
<tr>
<td>6</td>
<td>Midterm Exam</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Nonlinear Programming</td>
<td>Basic ideas and introduction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Solving with and without constraints</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Volatility Estimation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Quadratic Programming</td>
</tr>
</tbody>
</table>

Revised 2019.10
<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Dynamic Programming</td>
<td>Intro to Dynamic programming, Deterministic DPs and the Bellman equation</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>The knapsack problem, Stochastic DPs, Option Pricing and the binomial Lattice</td>
</tr>
<tr>
<td>11</td>
<td>Simulation</td>
<td>Review of probability, distributions and basic simulation, Generating discrete and continuous random numbers, Convergence and errors in simulation</td>
</tr>
<tr>
<td>12</td>
<td>Final Exam</td>
<td></td>
</tr>
</tbody>
</table>

### Classroom Policies:

Teaching procedures for this course will include professional lectures, class discussions, reading assignments, homework and examinations. You can get policies regarding to the University academic policies from the Student Handbook on the University web-site or in the University catalog.

### Attendance, Absence, Lateness, Incomplete:

A course grade of "incomplete" will be given under very unusual circumstances, and only if the student has complete at least 75% of the assigned work by the last day of class and only when an incomplete contract is signed and approved.

### Course Outcome:

On completion of this course, students will be able to:

1. formulate problems into quantitative models;
2. demonstrate competency in numeric skills;
3. apply statistical methods to analyze past data and infer future trends;
4. derive outcomes, analyze and interpret output from mathematical and statistical models;
5. select appropriate mathematical and statistical techniques for application to problems in the contexts of finance and investment;
6. implement the analysis and evaluation of numerical solutions to business problems;
7. demonstrate an understanding of appropriate application of quantitative techniques to a range of problems in the finance and investment contexts;
8. communicate the results of quantitative analyses in the contexts of finance and investment, to both specialists and non-specialists, recognizing any limitations of the underlying models;

Revised 2019.10
9. conduct mathematical and statistical investigations within the contexts of finance and investment.

**Moodle Forum:**

We will use the Moodle Forum to extend the class discussion. I will actively participate in all ongoing discussion threads. This is a good place to engage your classmates in discussions of course topics. To encourage all to participate, contributions to the bulletin boards will be counted towards your class participation points. Other aspects of "class participation" will be discussed on the first day of class.

**Academic Honesty:**

It is assumed that all students have familiarized themselves with the university's policy on and definition of academic dishonesty. All work should be the student's own - academic honesty is expected of everyone. Those who do not adhere to university and professional expectations with respect to this will be dealt with in accordance with college policy. In general – students will receive a “0” on their work if they either submit work that isn’t their own (including cutting and pasting content from the Internet without proper citation) or allow other students to use their work. A second instance results in failure of the course.

**Special Needs and Accommodations:**

Please address any special problems or needs at the beginning of the quarter with the instructor. If you are seeking accommodations based on a disability, you should provide a disability data sheet, which can be obtained from the student services office.

**The Learning Environment:**

Reagan National University is committed to providing a positive learning environment in which students of all ages and backgrounds can learn together in a setting that encourages the free exchange of ideas and information. To accomplish this goal, the members of the RNU Board have established the following expectations for learning.

- All backgrounds and cultures are respected.
- During class discussions, everyone feels welcome to participate and a free exchange of ideas takes place.
- All members of the class arrive on time and leave the class only on breaks or in case of emergency.

Revised 2019.10
• Distractions are kept to a minimum. Cell phones and other electronic devices are turned off in class, labs, and library. Students remain seated throughout class and refrain from talking with classmates while another class member or the instructor has the floor.

• Each student turns in work that is his or her own.

• Consideration is always given to other classes that are taking place in adjoining classrooms.

• At the end of a class, the members of the class and the instructor leave the classroom in good condition so that the next class can begin without disruption.

Reagan National University Library Services:

RNU’s online collection contains over 60,000 volumes comprised of books, journals, videos, and faculty created resources. The Library Research Portal (library@ru.edu) provides access to multiple services and authoritative resources for academic research including books, articles, texts, visual media, and teaching resources. Appropriate sources include scholarly and peer-reviewed journal articles, scholarly books, and well-respected news magazines and newspapers. The Library offers a large number of appropriate sources and each student is required to attend an online Library orientation. Assistance is available to help students select and locate appropriate sources when RNU is open. The online library is available to students 24 hours 7 days a week. All students can connect to the online library through the computers and laptops available at home and on campus. Each student must use their own pass code to access the library.

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Reagan National University

Syllabus

1. Administrative Information:

   Course Number: FIN 352
   Course Title: Security Valuation
   Credit Hours: 3
   Prerequisite: FIN 201
   Term: WI 2019
   Class Time: F 14:00 – 17:45
   Class Room: 1
   Instructor: [Blank]
   Office Hours: M TU 11:00 AM – 1:00 P. M.
   Telephone:
   E-Mail: [Blank]

Revised 2019.10
Catalog Description:

This course teaches students to negotiate the retail financial landscape, emphasizing issues that have a large impact on their future financial well-being. It covers topics such as understanding and appreciating the time value of money, the financial planning process, financing the purchase of a house and other consumer loans, saving for retirement and other goals, selecting a financial advisor, taxes, estate planning, behavioral finance and common investment scams.

Teaching Procedures:

Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

Participation in Class Discussion

Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:

- Offers a different and unique, but relevant, perspective;
- Contributes to moving the discussion and analysis forward;
- Builds on other comments;
- Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

We will use our assessment of your participation to manage borderline grades. While your participation grade is subjective, it will not be random or arbitrary. And, clearly, more frequent quality comments are better than less frequent quality comments.

Text:


Course Requirements:

Letter grades will be assigned to each student based on a mathematical calculation of the points earned on the examinations. The weights of the exams are:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participation, Initiative, Professionalism, and Improvement (PIPI)</td>
<td>10%</td>
</tr>
<tr>
<td>Midterm 1</td>
<td>30%</td>
</tr>
<tr>
<td>Stock Valuation Paper</td>
<td>25%</td>
</tr>
</tbody>
</table>

Revised 2019.10
Final 35%

No makeup exams!!!

The course grades are assigned as:

- 90 – 100% = A
- 80 – 89% = B
- 70 – 79% = C
- 60 – 69% = D
- Below 60% = F

Note: Scores and grades will not be “curved.” Therefore, any number of students in this course can earn a score of 100 (or 0) on quizzes or exams; and any number of students can earn a grade of “A” (or “F”). By using the preceding factor, a student should constantly be aware of his/her potential final grade in the course. Students are welcome to discuss with the professor regarding to his/her progress or any aspects of the course.

Stock Valuation Paper:

Term project requires students to write a report on “The role of dividends, cash flows, and earnings.” This paper reviews and synthesizes modern finance valuation theory and the ways it relates to the valuation of firms and accounting data. These models permit uncertainty and multiple dates, and the concept of intertemporal consistency in equilibria becomes critical. The paper is expected to be between 8 and 10 pages in length, including front and back matter. Sections of the paper will be developed throughout the course.

Course Schedule

**Class #1:**
- Topic: Course Introduction
- Main reading Assignment: BMM 5 (Time Value of Money)
- Preparation for Class: Do reading and practice questions at the end of the chapter
- Purpose of this Class: To meet you and make sure you can discount appropriately. To make sure you understand real vs. nominal rates.
- What I really want you to know: Know how to discount, and use perpetuity formula and annuity formulas, even for periods less than one year. Know how to value a mortgage. Also, know how the difference between effective annual rates and other rates and be able to move from one to the other.
- Know that \((1+\text{nominal})=(1+\text{real})(1+\text{inflation expectations}).\)

**Class #2:**
- Topic: Understanding Financial Statements
- Main reading Assignment: BKM 19 (Financial Statement Analysis)
- Preparation for Class: Do reading and practice questions at the end of the chapter
- Purpose of this Class: To make sure you can analyze a company and to remind you of what you

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learned previously in Finance and Accounting here at Babson

What I really want you to know: How to look at financial statements and really know if companies are comparable. How to calculate the ROE Ratio analysis. How to calculate cash flows. Mostly this is here to get you (re-)comfortable with financial statements and refresh (I hope) your memories of accounting ratios, so later on you know them when they are discussed. You will need this knowledge to do your group valuation.

Class #3:
Topic: Valuating Equity
Main reading Assignment: BKM 18 (Equity Valuation Models)
Preparation for Class: Do reading and practice questions at the end of the chapter
Purpose of this Class: This is one of the most important chapters and topics in the course! This class is to introduce you to valuation by comparables and the dividend discount model

Class #4:
Topic: Valuating Equity
Main reading Assignment: BKM 18 (Equity Valuation Models)
Preparation for Class: Do reading and practice questions at the end of the chapter
Purpose of this Class: This is one of the most important chapters and topics in the course! This class is to review the dividend discount model and make sure you understand what the P/E ratio is and how it is used. Same with Price-to-book.
What I really want you to know: How to value a stock that doesn’t pay dividends – yet! What the P/E ratio is. What the limitations of the P/E ratio are and how the P/E ratio relates to growth and the risk of the stock.

What I really want you to know: How to value a stock that doesn’t pay dividends – yet! What the P/E ratio is. What the limitations of the P/E ratio are and how the P/E ratio relates to growth and the risk of the stock.

Class #5:
Topic: Valuating Equity
Main reading Assignment: BKM 18 (Equity Valuation Models)
Preparation for Class: Do reading and practice questions at the end of the chapter
Purpose of this Class: This is one of the most important chapters and topics in the course! This class is to review the dividend discount model, the P/E ratio, and discuss the Free Cash Flow to Equity model and how it varies from the Free Cash Flow/WACC model.
What I really want you to know: How to value a stock that doesn’t pay dividends – yet! How to use the Free Cash Flow to Equity model. How to use the Free Cash Flow/WACC model. Why I think the FCF/WACC model is misused a lot in the real world, resulting in incorrect valuations.

Class #6: Midterm Exam

Class #7:
Revised 2019.10
Topic: Careers in Investments
What is the presentation: Cutler Center/BIMA/CCD Investments Career Panel. Moderator: Rick Spillane, CFA, Associate Director, Financial Services, Graduate Center for Career Development. Rick Spillane, CFA, Faculty Director, Babson College Fund (former Director of Research, Fidelity)

Vb)(6), Director, Cutler Center. (Former Equity Analyst with Deutsche Bank; top ranked by The Wall Street Journal in its All-Star Analysts Survey for his stock picking and earnings accuracy acumen)

CFA, M’71, Managing Director of Fixed Income Management, Highmount Capital David Lamere ’82, former Vice Chairman, BNY Mellon and CEO, BNY Mellon Wealth Management

Purpose of this Class: To understand what jobs there are in the investment industry which use security valuation and how it is used and learn from people who analyze securities for a living. To meet people that you can talk to about security valuation since you have a large group valuation project and you might want some resources/contacts.

What I really want you to know: I want you to familiarize yourself with how security valuation is used in the real world and who uses it. Having a practical understanding of who uses security valuation and why will not only help you understand how to value securities better, but will help you understand different players in this industry.

Class #8:
Topic: Statistics and Historical Market Returns
Main reading Assignment: RWJ 10 (Risk and Return: Lessons from Market History)
Preparation for Class: Do reading and practice questions at the end of the chapter
Purpose of this Class: To make sure you are familiar with the history of market returns. The difference between arithmetic and geometric averages.

What I really want you to know: How to calculate a return. What are holding period returns and standard deviations for different size stocks and bonds. This is more of a general knowledge chapter.

Class #9:
Topic: The Capital Asset Pricing Model (CAPM)
Main reading Assignment: RWJ 11 (Return and Risk: The Capital Asset Pricing Model (CAPM))
Preparation for Class: Do reading and practice questions at the end of the chapter
Purpose of this Class: This is a KEY chapter for this class! To understand how the CAPM works, and particularly the statistics used in portfolio math, like covariance and correlation. How to calculate the expected return and variance of a portfolio. To introduce Beta.

What I really want you to know: You must understand how to calculate an expected return, a standard deviation, a covariance, and a correlation. You need to know what these statistics are and mean. You need to be able to calculate the expected return and the variance of a portfolio.

Class #10:
Topic: The Capital Asset Pricing Model (CAPM)
Main reading Assignment: RWJ 11 (Return and Risk: The Capital Asset Pricing Model (CAPM))
Preparation for Class: Do reading and practice questions at the end of the chapter

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Purpose of this Class: This is a KEY chapter for this class! To help you understand the efficient set with two or more assets, and where the CAPM comes from. What diversification is and where it comes from.
The effects of correlation. What is systematic and unsystematic risk. What the optimal portfolio is and why. To introduce the formula for Beta and the CAPM formula.
What I really want you to know: EVERYTHING! Particularly the formula for the beta and the CAPM formula. What the effects of correlation are on Beta.

Class #11:
Topic: The Capital Asset Pricing Model (CAPM)
Main reading Assignment: RWJ 11 (Return and Risk: The Capital Asset Pricing Model (CAPM))
Preparation for Class: Do reading and practice questions at the end of the chapter
Purpose of this Class: This is a KEY chapter for this class! To make sure you understood the previous two classes and how to use the CAPM. Also, how to calculate a beta, both from statistics and from raw data.
What I really want you to know: How to use the CAPM. How to calculate a beta if you know the correlation with the market and the standard deviations. How to calculate a beta from raw data. How to get the raw data.

Class #12: Final Exam

Classroom Policies:

Teaching procedures for this course will include professional lectures, class discussions, reading assignments, homework and examinations. You can get policies regarding to the University academic policies from the Student Handbook on the University web-site or in the University catalog.

Attendance, Absence, Lateness, Incomplete:

A course grade of “incomplete” will be given under very unusual circumstances, and only if the student has complete at least 75% of the assigned work by the last day of class and only when an incomplete contract is signed and approved.

Course Outcome:

By the end of this course, students should be able to:

• Value a stock using the dividend discount model, comparable analysis, and a variety of other techniques
• Understand how larger macroeconomic forces and current events affect valuation
• Calculate the expected return on a stock using the CAPM

Revised 2019.10
• Calculate the Beta of the stock
• Value a bond, including between coupon periods
• Evaluate term structure and calculate forward rates
• Calculate duration and the sensitivity of a bond to interest rate changes

**Moodle Forum:**

We will use the Moodle Forum to extend the class discussion. I will actively participate in all ongoing discussion threads. This is a good place to engage your classmates in discussions of course topics. To encourage all to participate, contributions to the bulletin boards will be counted towards your class participation points. Other aspects of "class participation" will be discussed on the first day of class.

**Academic Honesty:**

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**Special Needs and Accommodations:**

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**The Learning Environment:**

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• All members of the class arrive on time and leave the class only on breaks or in case of emergency.

Revised 2019.10
• Distractions are kept to a minimum. Cell phones and other electronic devices are turned off in class, labs, and library. Students remain seated throughout class and refrain from talking with classmates while another class member or the instructor has the floor.

• Each student turns in work that is his or her own.

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Reagan National University

Syllabus

1. Administrative Information:
   - Course Number: FIN 356
   - Course Title: Financial Capital
   - Credit Hours: 3
   - Prerequisite: FIN 201
   - Term: SP 2019
   - Class Time: F 9:00 – 12:45
   - Class Room: 2
   - Instructor: [Redacted]
   - Office Hours: M TU 11:00 AM – 1:00 P. M.
   - Telephone: [Redacted]
   - E-Mail: [Redacted]

Revised 2019.10
Catalog Description:

This course discusses the available corporate securities that firms can use to finance investment. The different kinds of securities covered include corporate and junk bonds, bank loans, common and preferred equity, commercial paper, securitization. Topics include the design of these securities, the issuing process for these securities, the underwriting process, the pricing of these securities and the cost of capital.

Teaching Procedures:

Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

Participation in Class Discussion

Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:
• Offers a different and unique, but relevant, perspective;
• Contributes to moving the discussion and analysis forward;
• Builds on other comments;
• Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

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Text:


Course Requirements:

Letter grades will be assigned to each student based on a mathematical calculation of the points earned on the examinations. The weights of the exams are:

Contribution to Class …… 10%
Homework .................. 10%
Midterm .................... 30%

Revised 2019.10
Final ..................... 30%
Term Paper .............. 20%

No makeup exams!!!

The course grades are assigned as:

- 90 - 100% = A-
- 80 - 89% = B
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- Below 60% = F

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Term Paper:

Term project requires students to write a report on “Analyzing a Company's Capital Structure.” If you are a stock investor who likes companies with good fundamentals, then a strong balance sheet is important to consider when seeking investment opportunities. By using three broad types of measurements—working capital, asset performance, and capital structure—you may evaluate the strength of a company's balance sheet, and thus its investment quality. In this paper, you focus on analyzing the balance sheet based on a company's capital structure. The paper is expected to be between 8 and 10 pages in length, including front and back matter. Sections of the paper will be developed throughout the course.

Course Schedule:

<table>
<thead>
<tr>
<th>Class</th>
<th>Topic</th>
<th>Readings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Time Value of Money</td>
<td>Chapter 1</td>
</tr>
<tr>
<td>2</td>
<td>Statistical Concepts, Random Variables and Market Returns</td>
<td>Chapter 3, Chapter 5, Sections 1-3</td>
</tr>
<tr>
<td>3</td>
<td>Sampling, Estimation and Hypothesis Testing</td>
<td>Chapter 6, Chapter 7, Sections 1-4</td>
</tr>
<tr>
<td>4</td>
<td>Variance, Covariance and Correlation</td>
<td>Chapter 4, Sections 1-3, Chapter 8, Section 2</td>
</tr>
<tr>
<td>5</td>
<td>Portfolio Concepts</td>
<td>Chapter 11, Sections 1-2, Omit Sections 2.5.1-2.6</td>
</tr>
<tr>
<td>6</td>
<td>Midterm Exam</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Financial Statement Analysis and Cash Flow</td>
<td>To be announced</td>
</tr>
<tr>
<td>8</td>
<td>Introduction to Financial Modeling</td>
<td>To be announced</td>
</tr>
<tr>
<td>9</td>
<td>Linear Regression and Time Trend Forecasting</td>
<td>Chapter 8, Section 3</td>
</tr>
</tbody>
</table>

Revised 2019.10
Classroom Policies:

Teaching procedures for this course will include professional lectures, class discussions, reading assignments, homework and examinations. You can get policies regarding to the University academic policies from the Student Handbook on the University web-site or in the University catalog.

Attendance, Absence, Lateness, Incomplete:

A course grade of “incomplete” will be given under very unusual circumstances, and only if the student has complete at least 75% of the assigned work by the last day of class and only when an incomplete contract is signed and approved.

Course Outcome:

Student outcomes of this class:

1. Demonstrate an ability to organize and interpret information on business organizations in order to draw and support conclusions.
2. Demonstrate an ability to define problems of financial managers.
3. Calculate financial ratios and analyze financial statements.
4. Compute present value for various scenarios including security valuations.
5. Make capital budgeting decisions using various mathematical techniques.
6. Compute the cost of capital and effect of leverage.
7. Calculate working capital management problems.

Moodle Forum:

We will use the Moodle Forum to extend the class discussion. I will actively participate in all ongoing discussion threads. This is a good place to engage your classmates in discussions of course topics. To encourage all to participate, contributions to the bulletin boards will be counted towards your class participation points. Other aspects of "class participation" will be discussed on the first day of class.

Revised 2019.10
Academic Honesty:

It is assumed that all students have familiarized themselves with the university's policy on and definition of academic dishonesty. All work should be the student's own - academic honesty is expected of everyone. Those who do not adhere to university and professional expectations with respect to this will be dealt with in accordance with college policy. In general – students will receive a “0” on their work if they either submit work that isn’t their own (including cutting and pasting content from the Internet without proper citation) or allow other students to use their work. A second instance results in failure of the course.

Special Needs and Accommodations:

Please address any special problems or needs at the beginning of the quarter with the instructor. If you are seeking accommodations based on a disability, you should provide a disability data sheet, which can be obtained from the student services office.

The Learning Environment:

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- All backgrounds and cultures are respected.
- During class discussions, everyone feels welcome to participate and a free exchange of ideas takes place.
- All members of the class arrive on time and leave the class only on breaks or in case of emergency.
- Distractions are kept to a minimum. Cell phones and other electronic devices are turned off in class, labs, and library. Students remain seated throughout class and refrain from talking with classmates while another class member or the instructor has the floor.
- Each student turns in work that is his or her own.
- Consideration is always given to other classes that are taking place in adjoining classrooms.
- At the end of a class, the members of the class and the instructor leave the classroom in good condition so that the next class can begin without disruption.

Reagan National University Library Services:

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Revised 2019.10
faculty created resources. The Library Research Portal (library@rnu.edu) provides access to multiple services and authoritative resources for academic research including books, articles, texts, visual media, and teaching resources. Appropriate sources include scholarly and peer-reviewed journal articles, scholarly books, and well-respected news magazines and newspapers. The Library offers a large number of appropriate sources and each student is required to attend an online Library orientation. Assistance is available to help students select and locate appropriate sources when RNU is open. The online library is available to students 24 hours 7 days a week. All students can connect to the online library through the computers and laptops available at home and on campus. Each student must use their own pass code to access the library.

As an RNU student, you are required to use the RNU online library, as one source, to assist you in completing a required research paper or project.
## Reagan National University

### Syllabus

1. **Administrative Information:**

<table>
<thead>
<tr>
<th>Course Number:</th>
<th>FIN 380</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Title:</td>
<td>Introduction to Entrepreneurship</td>
</tr>
<tr>
<td>Credit Hours:</td>
<td>3</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>FIN 201</td>
</tr>
<tr>
<td>Term:</td>
<td>SP 2019</td>
</tr>
<tr>
<td>Class Time:</td>
<td>TH 9:00 – 12:45</td>
</tr>
<tr>
<td>Class Room:</td>
<td>1</td>
</tr>
<tr>
<td>Instructor:</td>
<td>[BLANK]</td>
</tr>
<tr>
<td>Office Hours:</td>
<td>M TU 11:00 AM – 1:00 P. M.</td>
</tr>
<tr>
<td>Telephone:</td>
<td>[BLANK]</td>
</tr>
<tr>
<td>E-Mail:</td>
<td>[BLANK]</td>
</tr>
</tbody>
</table>

Revised 2019.10
Catalog Description:

This course introduces the role of small business in contemporary society and how small business organization and management with an emphasis on the marketing mix. It provides exposure to the stresses of a start-up business, the uncertainties that exist, and the behavior of entrepreneurs. The route from consider legitimate ideas oriented towards the formation of an enterprise will be discussed.

Teaching Procedures:

Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

Participation in Class Discussion

Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:

• Offers a different and unique, but relevant, perspective;
• Contributes to moving the discussion and analysis forward;
• Builds on other comments;
• Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

We will use our assessment of your participation to manage borderline grades. While your participation grade is subjective, it will not be random or arbitrary. And, clearly, more frequent quality comments are better than less frequent quality comments.

Text:


Course Requirements:

Letter grades will be assigned to each student based on a mathematical calculation of the points earned on the examinations. The weights of the exams are:

  Contribution to Class ...... 10%
  Homework ................... 10%
  Midterm .................... 30%
  Final ....................... 30%

Revised 2019.10
Term Paper 20%

No makeup exams!!!

The course grades are assigned as:

- 90 – 100% = A-
- 80 – 89% = B
- 70 – 79% = C
- 60 – 69% = D
- Below 60% = F

Note: Scores and grades will not be “curved.” Therefore, any number of students in this course can earn a score of 100 (or 0) on quizzes or exams; and any number of students can earn a grade of “A” (or “F”). By using the preceding factor, a student should constantly be aware of his/her potential final grade in the course. Students are welcome to discuss with the professor regarding to his/her progress or any aspects of the course.

**Term Paper:**

Term paper requires students to write a report on “Characteristics of an Ideal Entrepreneur.” An entrepreneur is a person who finds it worth risking, especially in terms of his or her finances, in a particular project with a hope of introducing new related ventures that will culminate into visible success financially. Sometimes, an entrepreneur can also be taken to mean a person who is in the verge of organizing a virtually new project and targeting to use previously unused channels after discovering a hidden opportunity in the eyes of others. The paper is expected to be between 8 and 10 pages in length, including front and back matter. Sections of the paper will be developed throughout the course.

**Course Structure and Reading Assignments**

Please note that we may at times move at a slower or faster pace depending upon class circumstances, student questions, and comprehension (in which case the below schedule is subject to change):

**Week One**

Introduction to Course and to the Nature of Entrepreneurship

Defining Entrepreneurship; What is an Entrepreneurial Mindset? The Entrepreneurial Process; Why Approaching Entrepreneurship as a Process is Central to the Course and the Concept? An Integrative

Model of Entrepreneurship

- Barringer and Ireland, Chapter 1, Introduction to Entrepreneurship
- Reading #1 in the packet

Assigned Case: Artemis Images

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Week Two

The Vital Role of Entrepreneurship in the Economy

Forces in the Environment that Facilitate and Constrain Levels of Entrepreneurship in a Society or Community; How to Encourage Greater Levels of Entrepreneurship

• Reading from the packet - America’s Entrepreneurial Revolution Goes Global
• Reading from the packet - The Environment for Entrepreneurship

Assigned Case: [link]

Week Three

“Who” is the Entrepreneur?

Sociological and Psychological Characteristics; The Different Types of Entrepreneurs; Nature versus Nurture—Why Entrepreneurs are not Born; The Role of Individuals vs. Teams; Creativity and the Entrepreneur;

• Barringer and Ireland, pages 8-17
• Barringer and Ireland, Chapter 9, Building a New Venture Team.
• Reading from the packet - The Entrepreneurial Individual
• Posted reading - An Interview with an Entrepreneur

Assigned Case: [link]

Week Four

Understanding The Nature of Opportunity

Defining Opportunity; An Opportunity is Different from a Business Concept; Sources and Types of Opportunity; Discovery versus Search; Where are the Emerging Opportunities; Evaluating Opportunity; Factors that Undermine an Opportunity; Windows of Opportunity; Understanding the Market and the Customer Need;

• Barringer and Ireland, Chapter 2, Recognizing Opportunities and Generating Ideas
• Barringer and Ireland, Chapter 5, Industry and Competitor Analysis.
• Reading from the packet - Successful Entrepreneurs’ Insights— Opportunity Recognition - Opportunity Knocks—or Does it Hide?

Assigned Case: [link]
Week Five

Developing a Great Business Concept and Business Model

From Product to Business Concept (the Value Proposition); From Business Concept to Business Model; From Business Model to Business Plan; The Nature of Successful Business Concepts; Sources of Concepts; What Makes for a Good Concept; Components of a Complete Business Model; A Look at Successful and Failed Business Models;

• Barringer and Ireland, Chapter 6, Developing an Effective Business Model
• Reading from packet - Developing and Testing the Business Concept
• Reading from packet - Understanding the Business Model of the Entrepreneur

Assigned Case: Kazoo & Company

Week Six

Midterm Exam

Week Seven

Expectations about Size, Growth, Returns, and Risk

What About the Investment Model (Income, Growth, or Speculative)?; Ways of Extracting Returns from the Venture; Types of Ventures; What it Takes to Actually Start a Venture; Four Ways to Enter a Market; The Concept of Risk; Types of Risk; Assessing a New Venture; Risk and Return

• Barringer and Ireland, Chapter 4, Writing a Business Plan
• Reading from packet - Be Careful, You May Succeed

Assigned Case: and

Week Eight

The Economics of Start-up Ventures

Types of Costs; Breakeven Analysis; The Concept of Operating Leverage; A Simple Economic Model of the Venture; Economic Models that Make Sense and Don’t Make Sense;

• Barringer and Ireland, Chapter 3, Feasibility Analysis
• Class Handout on the Economic Model
• Barringer and Ireland, Chapter 8, Assessing a New Venture’s Financial Strength and Viability

Assigned Case: and

Revised 2019.10
Week Nine

Financing a New Venture

Sources of Finance; Criteria Used by Different Sources of Finance; When to Go for Which Source

• Barringer and Ireland, Chapter 10, Getting Financing or Funding
• Reading from packet - Everything You (Don’t) Want to Know About Raising Capital
• Reading from packet - How Venture Capital Works

Assigned Case: Zazzle

Week Ten

Valuation and Deal Structure

Placing a Value on a Business and Why it Matters in Entrepreneurship; Approaches to Valuation;

Quantitative and Qualitative Issues; Purchasing a Business

• Reading from packet - How to Evaluate a Firm

Assigned Case: Zazzle

Week Eleven

Innovation, Technology and the Entrepreneur

Disruptive vs. Sustaining Technologies; The Technology Life Cycle; Four Technology Decisions the Entrepreneur Must Make; Understanding Key Issues In Innovation and New Product/Service Development

• Barringer and Ireland, Chapter 12, The Importance of Intellectual Property
• Reading from packet - The Innovator’s Dilemma
• Reading from packet - The Search for Opportunity

EEE 3023 - Intro to Entrepreneurship

Assigned Case: Intellifit

Week Twelve

Final Exam

Revised 2019.10
Classroom Policies:

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Attendance, Absence, Lateness, Incomplete:

A course grade of “incomplete” will be given under very unusual circumstances, and only if the student has complete at least 75% of the assigned work by the last day of class and only when an incomplete contract is signed and approved.

Course Learning Outcome:

After completing this course, students will be able to:

- Identify and apply the elements of entrepreneurship and to entrepreneurial processes;
- Recognize the importance of entrepreneurship and identify the profile of entrepreneurs and their role in economic growth;
- Use the entrepreneurial mind-set and behave responsibly and ethically in their roles as entrepreneurs.
- Creatively analyze the business environment, opportunity recognition, and the business idea-generation process;
- Know how to acquire necessary resources and organizational matters of new venture creation process;
- Write a business plan that creates and starts a new venture.

Moodle Forum:

We will use the Moodle Forum to extend the class discussion. I will actively participate in all ongoing discussion threads. This is a good place to engage your classmates in discussions of course topics. To encourage all to participate, contributions to the bulletin boards will be counted towards your class participation points. Other aspects of "class participation" will be discussed on the first day of class.

Academic Honesty:

It is assumed that all students have familiarized themselves with the university's policy on and definition of academic dishonesty. All work should be the student's own - academic honesty is expected of everyone. Those who do not adhere to university and professional expectations Revised 2019.10
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**Special Needs and Accommodations:**

Please address any special problems or needs at the beginning of the quarter with the instructor. If you are seeking accommodations based on a disability, you should provide a disability data sheet, which can be obtained from the student services office.

**The Learning Environment:**

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**Reagan National University Library Services:**

RNU’s online collection contains over 60,000 volumes comprised of books, journals, videos, and faculty created resources. The Library Research Portal (library@mu.edu) provides access to multiple services and authoritative resources for academic research including books, articles, texts, visual media, and teaching resources. Appropriate sources include scholarly and peer-reviewed journal articles.

Revised 2019.10
scholarly books, and well-respected news magazines and newspapers. The Library offers a large number of appropriate sources and each student is required to attend an online Library orientation. Assistance is available to help students select and locate appropriate sources when RNU is open. The online library is available to students 24 hours 7 days a week. All students can connect to the online library through the computers and laptops available at home and on campus. Each student must use their own pass code to access the library.

As an RNU student, you are required to use the RNU online library, as one source, to assist you in completing a required research paper or project.
1. Administrative Information:

   Course Number: FIN 411
   Course Title: Investment
   Credit Hours: 3
   Prerequisite: FIN 201
   Term: SP 2019
   Class Time: SA 14:00 – 17:45
   Class Room: 1
   Instructor: [Redacted]
   Office Hours: W 1:00 – 3:00 P.M.
   Telephone: [Redacted]
   E-Mail: [Redacted]
2. **Course Description:**

This course provides empirical evidence when making investment decisions. It covers portfolio theory, equilibrium models of security, market efficiency, intrinsic value and risk, the empirical behavior of security prices, venture capital, performance evaluation and behavioral finance. Domestic and international financial markets will be discussed.

3. **Teaching Procedures:**

Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

**Participation in Class Discussion**

Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:

- Offers a different and unique, but relevant, perspective;
- Contributes to moving the discussion and analysis forward;
- Builds on other comments;
- Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

We will use our assessment of your participation to manage borderline grades. While your participation grade is subjective, it will not be random or arbitrary. And, clearly, more frequent quality comments are better than less frequent quality comments.

4. **Course Outcomes:**

After successfully completing this course, you will be able to:

- **LO 1.** Discuss the key considerations in setting investment objectives and develop analytical skills that guide you to securities and assets most appropriate for a given portfolio.
- **LO 2.** Analyze and evaluate equity securities through examination of economic activity, industry analysis financial statement analysis and individual firm valuation.
- **LO 3.** Debate issues in efficient markets considering technical analysis and efficient markets and anomalies.
- **LO 4.** Analyze and explain fixed-income and leveraged securities including bond valuation, duration and reinvestment concepts, and convertible securities and warrants.
- **LO 5.** Define, classify and appraise derivative products: put and call options, commodities and financial futures, stock index futures, and options.
- **LO 6.** Explore and assess mutual funds, international security markets, and investments in real estate with a view toward broadening the investment perspective.
- **LO 7.** Test portfolio management and capital market theories through risk and return analysis from the perspective of the portfolio manager.

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**Other learning resources include:** Dailies such as Investor’s Business Daily (IBD), The Wall Street Journal (WSJ), the financial sections of The Washington Post, The New York Times; TV programs such as CNBC or CNN Business, Wall Street Week (PBS/WMPT or PBS/WETA, Friday @ 8:30pm); and Web site such as Bloomberg.com.

5. **Course Requirements and Grading:** (i) Two written examinations, a midterm and a final (see “Class Calendar” below), (ii) a Research Paper on a topic or issue relevant to this course and approved by the Instructor, and (iii) participation in class discussions of current topics of interest. Students will be evaluated as follows:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>% of Course Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Midterm Exam</td>
<td>30%</td>
</tr>
<tr>
<td>- Final Exam</td>
<td>30%</td>
</tr>
<tr>
<td>- Research Paper</td>
<td>30%</td>
</tr>
<tr>
<td>- Class Participation</td>
<td>10%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

The course grades are assigned as:

- 90 – 100% = A-
- 80 – 89% = B
- 70 – 79% = C
- 60 – 69% = D
- Below 60% = F

**Research Paper:**

Term project requires students to write a report on “Investment Decisions.” Any investment is risky and as such investment decision is difficult to make. Investment decision is based on availability of money and information on the economy, industry and company and the share prices ruling and expectations of the market and of the companies in question. The paper is expected to be between 8 and 10 pages in length, including front and back matter. Sections of the paper will be developed throughout the course.

6. **Academic Integrity:** To maintain integrity of scholarship, academic honesty is expected of all students. For further information, students should consult the Student Handbook and the University Catalog.

7. **Class Operations:** Classes will start promptly as scheduled, and students are expected to be on time. Excessive lateness and/or absenteeism will be dealt with in accordance with the University’s policies. There will be a 10-minute break in the middle of the session. A make-up exam will be given only with the permission of the Instructor. A course grade of “Incomplete” will be given under very

Revised 2019.10
unusual circumstance, and only with the permission of the Director of the Management Division. For further information, students should consult the Student Handbook.

8. **Class Calendar and Schedule of Due Dates:**

<table>
<thead>
<tr>
<th>Session</th>
<th>Chapter</th>
<th>Main Topics and Learning Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Chap. 1</td>
<td>Investment goals and strategies</td>
</tr>
<tr>
<td>2.</td>
<td>Chap. 2</td>
<td>trade-off between risks and rewards</td>
</tr>
<tr>
<td>3.</td>
<td>Chap. 3</td>
<td>Securities markets and transactions; characteristics of debt</td>
</tr>
<tr>
<td>4.</td>
<td>Chap. 4</td>
<td>Various investment information sources use</td>
</tr>
<tr>
<td>5.</td>
<td>Chap. 5</td>
<td>Theory and evidence of risk and return; tools needed to measure risk and return will be explained</td>
</tr>
<tr>
<td>6.</td>
<td>Midterm Examination</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>Chap. 8</td>
<td>Market Efficiency: Theory and Evidence</td>
</tr>
<tr>
<td>8.</td>
<td>Chaps. 9-10</td>
<td>Bond and Common Stock Valuation Models</td>
</tr>
<tr>
<td>9.</td>
<td>Chap. 11</td>
<td>various methods of selecting common stocks</td>
</tr>
<tr>
<td>10.</td>
<td>Chap. 13</td>
<td>Introduction of fixed-income investment instruments concepts</td>
</tr>
<tr>
<td>11.</td>
<td>Chap. 14</td>
<td>Theories of fixed-income investment</td>
</tr>
<tr>
<td>12.</td>
<td>Final Examination</td>
<td></td>
</tr>
</tbody>
</table>

9. **Special Needs and Accommodations:**

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Revised 2019.10
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Reagan National University

Syllabus

1. Administrative Information:

   Course Number: FIN 420
   Course Title: Real Estate Finance
   Credit Hours: 3
   Prerequisite: FIN 201
   Term: FA 2018
   Class Time: SA 9:00-12:45
   Class Room: 1
   Instructor: [Redacted]
   Office Hours: TU 11:00 AM – 1:00 P. M.
   Telephone: [Redacted]
   E-Mail: [Redacted]

Revised 2019.10
**Catalog Description:**

This course covers investment and financing issues in real estate as well as real estate knowledge. It focuses on understanding, calculating, and analyzing potential cash flow, tax, and future benefits of real estate asset. It also emphasizes the entrepreneurial management style and risk analysis techniques used by successful investors and developers.

**Teaching Procedures:**

Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

Participation in Class Discussion

Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:

- Offers a different and unique, but relevant, perspective;
- Contributes to moving the discussion and analysis forward;
- Builds on other comments;
- Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

We will use our assessment of your participation to manage borderline grades. While your participation grade is subjective, it will not be random or arbitrary. And, clearly, more frequent quality comments are better than less frequent quality comments.

**Text:**


*Commercial real estate analysis and investments* by Geltner and Miller, with Clayton and Eichholtz, (Southwestern Press, 3rd edition)—Recommended. This book is a very useful reference that provides a more detailed coverage and offers more quantitative analysis.

**Course Requirements:**

Revised 2019.10
Letter grades will be assigned to each student based on a mathematical calculation of the points earned on the examinations. The weights of the exams are:

- Contribution to Class ...... 10%
- Homework .................. 10%
- Midterm ....................... 30%
- Final ........................ 30%
- Term Paper ................... 20%

No makeup exams!!!

The course grades are assigned as:

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Term Paper:

Term project requires students to write a report on “The Impact of a Fluctuating Economy on the Real Estate Industry.” The real estate sector is one that plays an important role in the quality of life experienced in a country and this is why governments all around the world ensure that policies are put in place to help its citizens secure real estate for both commercial and residential buildings within legal frameworks. This paper shall focus on exploring the impact of a nation’s economy on its real estate sector, using facts and figures to show that fluctuations in any economy will affect the pricing and cost of owning a home in the affected society. The paper is expected to be between 8 and 10 pages in length, including front and back matter. Sections of the paper will be developed throughout the course.

Course Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>Introduction to Pro forma, Risk and Leases</strong>&lt;br&gt;How to do a projected cash flow analysis of a property, limitations, NOI, CapEx, how to value different types of leases. Choosing the right discount rate. Tenant risk, zoning risk, operational risk, liquidity risk, rate risk.&lt;br&gt;Linneman, Ch. 4, Property level pro forma analysis, p. 37-50.&lt;br&gt;Linneman, Ch. 6 Real Estate Due Diligence&lt;br&gt;&lt;strong&gt;Analysis of Income Producing Properties: Valuation and Cap Rates**&lt;br&gt;Revised 2019.10</td>
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<td></td>
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<tr>
<td>---</td>
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</tr>
<tr>
<td>1</td>
<td>Definition and mechanics of calculating cap rates, the determinants of cap rates, linking discounted cash flows with cap rates. Reading handout 1.</td>
</tr>
<tr>
<td>2</td>
<td><strong>Introduction to Mortgage Analysis and Introduction to Case 1 Part 1</strong> Features, mechanics and math of commercial real estate mortgages (calculation of amortization schedules, effective yields in theory and using a financial calculator, commercial mortgage prepayments. Geltner and Miller, Ch. 16, p. 387-397. Geltner and Miller, ch. 17, pp. 407-416. <strong>Real Estate Capital Structure I: Implications for Risk and Return</strong> The impact of debt and equity on returns, how much debt to use, LTV, expected ROE, expected return on mortgage debt. Geltner and Miller, Ch. 16 Mortgage Basics I: An Introduction and Overview</td>
</tr>
<tr>
<td>3</td>
<td><strong>Real Estate Capital Structure II: Law of One Price (HW #1 Due)</strong> Calculating state prices, pricing mortgage and equity, calculating a “fair” mortgage rate, quantifying the default risk embedded in mortgages, analyzing the relationship between mortgage rates and loan to value ratios. <strong>Real Estate Capital Structure III: Subordinate Debt and Mezzanine Financing</strong> Overview of different types of CRE subordinate debt (mezzanine, B-notes, preferred equity), pricing/valuing subordinate debt, calculating the “fair” mortgage rate on junior debt, legal aspects of junior debt, risks, workouts, how to acquire commercial real properties at a discount by mezzanine lending.</td>
</tr>
<tr>
<td>4</td>
<td><strong>Dynamic Valuation Spreadsheet</strong> Spreadsheet analysis and manipulations to determine mortgage rates, unlevered asset valuation.</td>
</tr>
<tr>
<td>5</td>
<td><strong>Discussion of Case #1 Part 1 (Case #1 Part 1 Due) and Dynamic Valuation</strong> Analysis of whether or not to invest in several commercial real estate properties, calculating risk and return on both a levered and unlevered basis. Unlevered asset valuation, calculating debt service, IRR and NPV with leverage, LTV, DSCR.</td>
</tr>
<tr>
<td>6</td>
<td><strong>Midterm Exam</strong></td>
</tr>
<tr>
<td>7</td>
<td><strong>Default Decisions over Time and Distressed Debt</strong> The economics of borrower default decisions, apply dynamic valuation framework, make sense of what is observed in the real world, differentiation between book and market values.</td>
</tr>
<tr>
<td>8</td>
<td><strong>Real Estate Capital Structure IV: Financing Strategies beyond Plain Vanilla</strong> Analysis of ground leases, participating mortgages and their impact on borrowing rates, the value of recourse and personal guarantees. Linneman, Ch. 15 <strong>Land Development, Valuation, Risk, and Return</strong> Analysis and decisioning as to when to develop land, how to value land, land as a physically levered asset, predictions on return and volatility of land, why is land valuable.</td>
</tr>
<tr>
<td>9</td>
<td><strong>Commercial Mortgage Backed Securities</strong> What are commercial mortgage backed securities, how to value and invest in them, risks and returns, borrowing through conduit lenders versus balance sheet lenders, pros and cons, influence on real estate values.</td>
</tr>
</tbody>
</table>

Revised 2019.10
10  **Real Estate Investment Trusts**
   What are equity REITs, why invest in REITs, what are the tax advantages of a
   REIT structure, valuing REITs and measuring their profitability, FFO vs AFFO, mortgage
   REITs.

11  **Real Estate Private Equity Funds and Introduction to Case 3 (HW #3 Due)**
   Private equity business models, managerial and investments skills of a general
   partner, fund investment strategies, considerations for investing in private equity
   CRE, distribution waterfalls, REITs versus private equity real estate funds

12  **Final Exam**

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**Classroom Policies:**

Teaching procedures for this course will include professional online, lectures, class discussions,
reading assignments, homework and examinations. You can get policies regarding to the
University academic policies from the Student Handbook on the University web-site or in the
University catalog.

**Attendance, Absence, Lateness, Incomplete:**

A course grade of “incomplete” will be given under very unusual circumstances, and only if the
student has complete at least 75% of the assigned work by the last day of class and only when
an incomplete contract is signed and approved.

**Course Outcome:**

By the end of this course, students should be able to:

1. explain the use of the principal financing instruments — the note, the mortgage,
   and the deed of trust;
2. explore the fundamental methods of value creation for corporate real estate
   finance;
3. understand the real estate finance as it is practiced today;
4. explain the functions of the government agencies in home mortgage financing;
5. discuss real estate laws and all legal aspects of real estate markets;
6. describe the Fannie Mae and Freddie Mac standards in real estate loan products.

**Moodle Forum:**

We will use the Moodle Forum to extend the class discussion. I will actively participate in all
ongoing discussion threads. This is a good place to engage your classmates in discussions of
course topics. To encourage all to participate, contributions to the bulletin boards will be

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counted towards your class participation points. Other aspects of "class participation" will be discussed on the first day of class.

**Academic Honesty:**

It is assumed that all students have familiarized themselves with the university's policy on and definition of academic dishonesty. All work should be the student's own - academic honesty is expected of everyone. Those who do not adhere to university and professional expectations with respect to this will be dealt with in accordance with college policy. In general – students will receive a “0” on their work if they either submit work that isn’t their own (including cutting and pasting content from the Internet without proper citation) or allow other students to use their work. A second instance results in failure of the course.

**Special Needs and Accommodations:**

Please address any special problems or needs at the beginning of the quarter with the instructor. If you are seeking accommodations based on a disability, you should provide a disability data sheet, which can be obtained from the student services office.

**The Learning Environment:**

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- Each student turns in work that is his or her own.
- Consideration is always given to other classes that are taking place in adjoining classrooms.
- At the end of a class, the members of the class and the instructor leave the classroom in good condition so that the next class can begin without disruption.

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RNU’s online collection contains over 60,000 volumes comprised of books, journals, videos, and faculty created resources. The Library Research Portal (library@rnu.edu) provides access to multiple services and authoritative resources for academic research including books, articles, texts, visual media, and teaching resources. Appropriate sources include scholarly and peer-reviewed journal articles, scholarly books, and well-respected news magazines and newspapers. The Library offers a large number of appropriate sources and each student is required to attend an online Library orientation. Assistance is available to help students select and locate appropriate sources when RNU is open. The online library is available to students 24 hours 7 days a week. All students can connect to the online library through the computers and laptops available at home and on campus. Each student must use their own pass code to access the library.

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Reagan National University

Syllabus

1. Administrative Information:

   Course Number: FIN 422
   Course Title: Corporate Finance
   Credit Hours: 3
   Prerequisite: FIN 201
   Term: SP 2019
   Class Time: TH 9:00 – 12:45
   Class Room: 2
   Instructor: 
   Office Hours: F 9:00 – 12:00
   Telephone: 
   E-Mail: 

Revised 2019.10
Course Description: This course provides the fundamental concepts, principles and approaches of corporate finance and practice of decision-making within the corporation. It covers the analytical skills for making corporate investment and financial decisions and risk analysis. Topics covered include the concepts of present value and the opportunity cost of capital, discounted cash flow analysis and other valuation techniques.

Course Outcomes: Upon completion of this course, the student will be able to explain/discuss:

- How the management process works;
- How financial management decisions affect the risk of a firm and the success of that firm;
- The financial concepts and analytical tools essential for financial decisions;
- The concepts of risk and return and discounted cash flow analysis;
- Bond and common stock valuation models; and
- How financial management can affect the value of the firm.

Teaching Procedure: Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

Participation in Class Discussion

Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:

- Offers a different and unique, but relevant, perspective;
- Contributes to moving the discussion and analysis forward;
- Builds on other comments;
- Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

We will use our assessment of your participation to manage borderline grades. While your participation grade is subjective, it will not be random or arbitrary. And, clearly, more frequent quality comments are better than less frequent quality comments.


Additional Learning Resources: Students are required to read dailies (e.g., The Wall Street Journal) and magazines (e.g., Forbes, The Economist, The Asian Economist, etc) that report on topics and problems that are relevant to this course. In addition, students should familiarize themselves with such web sites as Bloomberg, etc.

Revised 2019.10
### Class Schedule:

<table>
<thead>
<tr>
<th>Session</th>
<th>Chapter No./Major Topics</th>
</tr>
</thead>
</table>
| 1       | 1 & 2.  
Forms of Business Organizations; Maximizing Shareholders’ wealth;  
Cash Flow Concepts; Net Present Value Rule; An Overview of the U.S.  
Financial System; The Structure and Operation of the U.S. Securities  
Markets; The Global Economy and Multinational Enterprises; Foreign  
Currencies and Exchange Rates. |
| 2       | 3 & 4.  
Uses of Financial Analysis; Interpreting Financial Ratios;  
Cash Flow Analysis; Types of Interest; Future and Present Value;  
Continuous Compounding and Discounting. |
| 3       | 5.  
Instructor’s Lecture Notes on Probability Distributions;  
Risk and Return; Measurement of Risk; Relationship between  
Risk and Return. |
| 4       | 6 & 7.  
Short-Term vs. Long-Term Financing; Characteristics of Common Stocks  
and Bonds; Valuation of Assets; Bond and Common Stock Valuations; The  
U.S. and International Bond Markets. |
| 5       | 8.  
Capital Budgeting; Principles of Estimating Cash Flows; Depreciations. |
| 6       | **Midterm Exam (2 and 1/2 hrs). Discussion of Research Paper Topics.** |
| 7       | 9.  
Decision Models for Alternative Investment Projects |
| 8       | 15,17 & 18  
Working Capital (WC) and WC Policy; Management of Accounts  
Receivable and Inventories; Short-Term and Intermediate Funding  
Alternatives. |
| 9       | Instructor’s Lecture Notes  
Introduction to Financial Derivatives; Call and Put Options;  
Strategies. |
| 10      | 21.  
International Financial Management; Factors Affecting Exchange rates;  
Forecasting Exchange Rates; Foreign Exchange Risk. |

Revised 2019.10
Course Requirements: (i) Two written examinations, a midterm and a final (see class schedule above), (ii) a research paper on a topic relevant to this course (the instructor will supply details on research paper format), and (iii) participation in class discussions of current topics of interest. Students will be evaluated as follows: Midterm and final exams are each worth 35% of the course letter-grade (100%); research paper, 25%; and participation in class discussions, 5%.

The course grades are assigned as:

- 91–100% = A-
- 81 – 90% = B
- 71 – 80% = C
- 61 – 70% = D
- Below 61% = F

Student Feedback: To ensure the achievement of the stated course objectives, current problems and issues directly related to concepts and techniques learned will be assigned to students for presentation and discussion in class, and their ability to apply these concepts and techniques to “real world” problems will be assessed and monitored.

Attendance, Lateness, Absence, Make-up Exams and Incomplete Work: In accordance with the policies of Reagan National University:
- Academic honesty is expected of all students
- Regular class attendance is required
- Classes will start promptly as scheduled, and students are expected to be on time
- Excessive lateness and/or absenteeism will be dealt with in accordance with the University’s policies
- A make-up exam will be given only with the permission of the instructor
- A course grade of “Incomplete” will be given under very unusual circumstance, and only with the permission of the Chair of the Management Division. For more details, please consult the Student Handbook (See RNU Catalog or go to www.sitanka.us).

The above schedule and procedures are subject to change in the event of extenuating circumstances; in which case, students will timely be advised.

Course Outcome:

By the end of this course, students will be able to:

- Price future certain (and uncertain) streams of cash flows.
- Value projects and make capital budgeting decisions using various investment decision rules.
- Evaluate the financial and strategic implications of alternative corporate financing decisions in different environments.
- Relate agency problems to corporate financing and pay-out decisions and their ethical implications.

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**Academic Honesty:**

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**Special Needs and Accommodations:**

Please address any special problems or needs at the beginning of the quarter with the instructor. If you are seeking accommodations based on a disability, you should provide a disability data sheet, which can be obtained from the student services office.

**The Learning Environment:**

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- Each student turns in work that is his or her own.
- Consideration is always given to other classes that are taking place in adjoining classrooms.
- At the end of a class, the members of the class and the instructor leave the classroom in good condition so that the next class can begin without disruption.

**Reagan National University Library Services:**

RNU’s online collection contains over 60,000 volumes comprised of books, journals, videos, and faculty created resources. The Library Research Portal (library@mu.edu) provides access to multiple services and authoritative resources for academic research including books, articles, texts, visual media, and teaching resources. Appropriate sources include scholarly and peer-reviewed journal articles, scholarly books, and well-respected news magazines.

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and newspapers. The Library offers a large number of appropriate sources and each student is required to attend an online Library orientation. Assistance is available to help students select and locate appropriate sources when RNU is open. The online library is available to students 24 hours 7 days a week. All students can connect to the online library through the computers and laptops available at home and on campus. Each student must use their own pass code to access the library.

As an RNU student, you are required to use the RNU online library, as one source, to assist you in completing a required research paper or project.
Reagan National University

Syllabus

1. Administrative Information:
   
   Course Number: FIN 423
   Course Title: International Trade
   Credit Hours: 3
   Prerequisite: FIN 201
   Term: SP 2019
   Class Time: Friday 18:00-22:00
   Class Room: 3
   Instructor: [Redacted]
   Office Hours: M TU 11:00 AM – 1:00 P.M.
   Telephone:
   E-Mail: [Redacted]

Revised 2019.10
2. Catalog Description:

This course provides the characteristics of international financial markets and evaluates the risks and benefits involved in operating globally. It focuses international finance from both corporate and international banking viewpoints. It also covers pricing in the foreign currency, market efficiency in the international money markets, foreign currency options and international capital asset pricing.

3. Teaching Procedures:

Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

Participation in Class Discussion

Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:

- Offers a different and unique, but relevant, perspective;
- Contributes to moving the discussion and analysis forward;
- Builds on other comments;
- Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

We will use our assessment of your participation to manage borderline grades. While your participation grade is subjective, it will not be random or arbitrary. And, clearly, more frequent quality comments are better than less frequent quality comments.

4. Text:


5. Course Requirements:

Letter grades will be assigned to each student based on a mathematical calculation of the points earned on the examinations. The weights of the exams are:

- Contribution to Class ...... 10%
- Homework ................. 10%
- Midterm .................. 30%
- Final ..................... 30%
- Term Paper ............... 20%

Revised 2019.10
The course grades are assigned as:

- $90 - 100\% = A$
- $80 - 89\% = B$
- $70 - 79\% = C$
- $60 - 69\% = D$
- Below $60\% = F$

**Note:** Scores and grades will not be “curved.” Therefore, any number of students in this course can earn a score of 100 (or 0) on quizzes or exams; and any number of students can earn a grade of “A” (or “F”). By using the preceding factor, a student should constantly be aware of his/her potential final grade in the course. Students are welcome to discuss with the professor regarding to his/her progress or any aspects of the course.

6. **Term Paper:**

Term project requires students to write a report on “International Trade And The Global Economy.” The two major benefits of international trade are the boost in the wealth of each trading partner and is a process toward globalization. One measure of wealth in a nation is GDP, and since the 1970's international trade has become an important part of a nation's economy and GDP. A nation should export goods, which it has a comparative advantage and import goods it does not have a comparative advantage, which will cause trade to be a net benefit for the nation by increasing its GDP. The paper is expected to be between 8 and 10 pages in length, including front and back matter. Sections of the paper will be developed throughout the course.

**Course Schedule**

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
</tr>
</thead>
</table>
| 1    | Chapter 1 - Introduction  
      | Chapter 2 - World Trade: An Overview |
| 2    | Chapter 3 - Labor Productivity and Comparative Advantage: The Ricardian Model |
| 3    | Chapter 4 - Specific Factors and Income Distribution, Review |
| 4    | Chapter 5 - Resources and Trade: The Heckscher-Ohlin Model |
| 5    | Chapter 6 - The Standard Trade Model |
| 6    | Midterm Exam |
| 7    | Chapter 7 - External Economies of Scale and the International Location of Production |
| 8    | Chapter 8 - Firms in the Global Economy: Export Decisions, Outsourcing, and Multinational Enterprises |
| 9    | Chapter 9 - The Instruments of Trade Policy |
| 10   | Chapter 10 - The Political Economy of Trade Policy  
      | Chapter 11 - Trade Policy in Developing Countries |
| 11   | Chapter 12 - Controversies in Trade Policy |
| 12   | Final Exam |

7. **Classroom Policies:**

You can get policies regarding to the University academic policies from the Student Handbook  
Revised 2019.10
on the University web-site or in the University catalog.

8. **Attendance, Absence, Lateness, Incomplete:**

A course grade of “incomplete” will be given under very unusual circumstances, and only if the student has completed at least 75% of the assigned work by the last day of class and only when an incomplete contract is signed and approved.

9. **Course Outcome:**

Upon successful completion of this course, you will be able to:

- distinguish between international trade and international finance;
- discuss the importance of trade in the world and how this has changed over the past decades;
- describe the current world trading system and the basic rules underlying this system;
- explain and discuss historic, current, and emerging economic models in the United States and around the world;
- discuss recent developments in the field of international macroeconomics;
- use an analytical framework to examine contemporary international economic issues;
- discuss international trade and the issues arising from the globalization of markets;
- discuss the concepts of foreign exchange, its importance to individuals, businesses; and the performance of national economies, and how foreign exchange markets work;
- analyze policy issues related to international trade;
- describe the legal system governing international economic transactions and international economic relations; and
- answer the four trade questions: "Why do countries trade?,” "How does trade affect production and consumption in each country?,” "Which country gains from trade?,” and "Within each country, who are the gainers and losers from opening trade?"

10. **Moodle Forum:**

We will use the Moodle Forum to extend the class discussion. I will actively participate in all ongoing discussion threads. This is a good place to engage your classmates in discussions of course topics. To encourage all to participate, contributions to the bulletin boards will be counted towards your class participation points. Other aspects of "class participation" will be discussed on the first day of class.

11. **Academic Honesty:**

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Assistance is available to help students select and locate appropriate sources when RNU is open. The online library is available to students 24 hours 7 days a week. All students can connect to the online library through the computers and laptops available at home and on campus. Each student must use their own pass code to access the library.

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Reagan National University

Syllabus

1. Administrative Information:

   Course Number: FIN 439
   Course Title: Behavioral Finance
   Credit Hours: 3
   Prerequisite: FIN 201
   Term: WI 2019
   Class Time: F 14:00 – 17:45
   Class Room: 1
   Instructor: [Name]
   Office Hours: W 11:00 AM – 1:00 P. M.
   Telephone: [Number]
   E-Mail: [Email]

Revised 2019.10
Catalog Description:

In this course we will examine how individuals and firms make financial decisions, and how those decisions may deviate from those predicted by traditional financial theory. We will explore psychological biases in financial decision making, and examine the impacts these biases have on financial markets and financial decision making.

Teaching Procedures:

Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

Participation in Class Discussion

Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:

- Offers a different and unique, but relevant, perspective;
- Contributes to moving the discussion and analysis forward;
- Builds on other comments;
- Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

We will use our assessment of your participation to manage borderline grades. While your participation grade is subjective, it will not be random or arbitrary. And, clearly, more frequent quality comments are better than less frequent quality comments.

Text:


Course Requirements:

Letter grades will be assigned to each student based on a mathematical calculation of the points earned on the examinations. The weights of the exams are:

- Participation, Initiative, Professionalism, and Improvement (PIPI) 10%
- Midterm 20%
- Final Project 25%
- Assignments 10%
- Final Exam 35%

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No makeup exams!!!

The course grades are assigned as:

- 90 – 100% = A
- 80 – 89% = B
- 70 – 79% = C
- 60 – 69% = D
- Below 60% = F

Note: Scores and grades will not be “curved.” Therefore, any number of students in this course can earn a score of 100 (or 0) on quizzes or exams; and any number of students can earn a grade of “A” (or “F”). By using the preceding factor, a student should constantly be aware of his/her potential final grade in the course. Students are welcome to discuss with the professor regarding to his/her progress or any aspects of the course.

Final Project:

Final project requires students to write a report on “Evolutions and Challenges of Behavioral Finance.” This paper reveals the effect of psychological factors in investment decision making process, which was a strong contradiction to the Efficient Market Hypothesis. Behavioral finance is not a replacement to the classical finance paradigm, but an alternative solution to explain the market inefficiency and the irrational behavior of investor. The paper is expected to be between 8 and 10 pages in length, including front and back matter. Sections of the paper will be developed throughout the course.

Course Schedule

Week 1
Prospect Theory

In this class, we discuss Prospect Theory, a behavioral model of how people evaluate risk. We use NBC’s “Deal or No Deal” as a case study to illustrate the major feature of the theory. We discuss the value and weighting functions, reference points, loss aversion, the break even effect, overweighting small probabilities, underweighting large probabilities, the endowment effect, and framing.

Readings:


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Week 2

Heuristics and Biases

In this class, we discuss mental shortcuts (heuristics) and consistent judgment errors (biases). As we will see, people are often irrational in systematic, predictable ways. We discuss the availability heuristic, representativeness, anchoring, affect, optimism, overconfidence, inertia, regret aversion, illusion of control, money illusion and the intuitive vs. deliberative self.

Readings:


Assignment 1: Due Week 3

Option A: (Group) Develop a de-biasing method for one of the biases/heuristics discussed in class.

Option B: (Individual) Lottery winners may choose to be paid either in installments or in a (smaller) lump sum. What behavioral effects might influence this decision?
We discuss errors people make when deciding what to buy. We find that people have a hard time evaluating how much something is worth to them, or even whether they will still like it in the future. People rely on heuristics like equating price and quality or avoiding extreme options. Finally, we briefly present ideas meant to correct such biases and help people spend their money wisely.

**Readings:**

<http://www.nytimes.com/interactive/2008/05/03/business/20080403_SPENDING_GRAPHIC.html> (This “reading” is an interactive chart. Mouse over a section of the chart to see details.)


**Assignment: None**

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**Week 4**

**Debt**

We will review a range of debt options: student loans, 401k, mortgages, home lines of credit, credit cards, pawn shops, rent-to-own, payday loans, and the mob. We discuss the apparently mistakes made regarding debt: borrowing too much, being excessively averse to debt, and selecting the wrong (expensive) types of debt options. We then turn from theory to practice, discussing the sub-prime crises and related policy issues, as well as some enterprising firms who are trying to popularize peer-to-peer banking.

**Readings:**


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Assignment 2: Due Week 5

In groups, create a *GOOD* tool for people to use when managing their money. (This could take the form of budgeting software, an online calculator, etc.)

Alternatively, if your group doesn’t think this is possible, then explain why.

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**Week 5**

**Investment Mistakes**

We discuss a host of errors people make in managing their money. These include trading too much, excessive extrapolation, active management, the disposition effect, naïve diversification, the familiarity bias, myopic loss aversion, regret aversion, money illusion, neglecting fees, taxes and housing.

**Readings:**


**Assignment:** None

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**Week 6**

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Midterm Exam

Week 7
Capital Investments, Human Capital, Time and Managing Risk

In this class, we review the decision making process associated with capital investments, such as whether the energy saved by an efficient appliance is worth the extra cost up front. We also consider human capital and money value of our time. Finally, we discuss managing risk as it pertains to the types on insurance people do or do not buy.

Readings:

(Play with this applet to get an intuition for the housing “buy vs. rent” dilemma. Be sure to try the "Advanced Features" and read the section on their methodology.)


www.humanforsale.com. (Find out how much you’re worth! When you’re finished, read the links explaining their algorithm. Consider which parts seem reasonable and which you disagree with.)


Assignment 3: Due Week 8

Find the worst financial product or service you can and explain what qualifies it as the worst. Why would someone use this product or service?

Week 8
Retirement

We analyze how people make decisions about saving for retirement: whether to join a retirement plan, how much to save, and how to invest those savings. We consider longevity risk and discuss annuities as a possible solution. We consider the traditional efforts to help people plan for retirement as well as some innovative behavioral approaches.

Readings:

Revised 2019.10


NBER Working Paper 10486, June 2004

Assignment: None

Week 9
Money and Happiness

We analyze how happiness is affected by wealth, marriage, youth, education, looks, gender, 
religion, and family. We consider happiness in the moment vs. long-term life satisfaction, 
and discover how the focusing illusion complicates our analysis. Finally, we discuss a variety 
of approaches meant to increase happiness, from positive psychology and how we spend 
our time to “hedonomics” and hedonic arbitrage.

Readings:


1815-1831.

White, A. “A Global Projection of Subjective Well-being: A Challenge To Positive Psychology?” 

Assignment 4: Due Week 10

Write a column on behavioral household finance for Money Magazine.

Week 10
Behavioral Investment Management

Revised 2019.10
In this class, we teach you how to beat the market! We consider the idea of market efficiency, and discuss some of the ways traders try to get an edge. Finally, we put our behavioral knowledge to work, discovering ways in which investors show persistent biases. We consider whether and how such behavioral biases can be exploited. Finally, we discuss the ideas behind one such behavioral attempt and see what its results have been.

Readings:


Assignment: Final Project – Due Week 12

Develop a business that will help people manage their money.

Week 11
Guest Speakers

Readings: None

Assignment:

Continue to work on the final project.

Week 12
Final Project Due
Final Exam

Classroom Policies:

Teaching procedures for this course will include professional lectures, class discussions, reading

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assignments, homework and examinations. You can get policies regarding to the University academic policies from the Student Handbook on the University web-site or in the University catalog.

**Attendance, Absence, Lateness, Incomplete:**

A course grade of “incomplete” will be given under very unusual circumstances, and only if the student has complete at least 75% of the assigned work by the last day of class and only when an incomplete contract is signed and approved.

**Course Outcome:**

Upon successful completion of this course, you will be able to:

- identify the common errors in information processing;
- identify the main behavioral biases and heuristics and take them into account when advising a client;
- understand the limits to arbitrage;
- understand the formation and burst process of speculative bubbles;
- Allocate assets in a portfolio according to Behavioral Portfolio Theory.

**Moodle Forum:**

We will use the Moodle Forum to extend the class discussion. I will actively participate in all ongoing discussion threads. This is a good place to engage your classmates in discussions of course topics. To encourage all to participate, contributions to the bulletin boards will be counted towards your class participation points. Other aspects of "class participation" will be discussed on the first day of class.

**Academic Honesty:**

It is assumed that all students have familiarized themselves with the university's policy on and definition of academic dishonesty. All work should be the student's own - academic honesty is expected of everyone. Those who do not adhere to university and professional expectations with respect to this will be dealt with in accordance with college policy. In general - students will receive a “0” on their work if they either submit work that isn’t their own (including cutting and pasting content from the Internet without proper citation) or allow other students to use their work. A second instance results in failure of the course.

**Special Needs and Accommodations:**

Please address any special problems or needs at the beginning of the quadmester with the instructor. If you are seeking accommodations based on a disability, you should provide a

Revised 2019.10
disability data sheet, which can be obtained from the student services office.

The Learning Environment:

Reagan National University is committed to providing a positive learning environment in which students of all ages and backgrounds can learn together in a setting that encourages the free exchange of ideas and information. To accomplish this goal, the members of the RNU Board have established the following expectations for learning.

- All backgrounds and cultures are respected.
- During class discussions, everyone feels welcome to participate and a free exchange of ideas takes place.
- All members of the class arrive on time and leave the class only on breaks or in case of emergency.
- Distractions are kept to a minimum. Cell phones and other electronic devices are turned off in class, labs, and library. Students remain seated throughout class and refrain from talking with classmates while another class member or the instructor has the floor.
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- At the end of a class, the members of the class and the instructor leave the classroom in good condition so that the next class can begin without disruption.

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RNU’s online collection contains over 60,000 volumes comprised of books, journals, videos, and faculty created resources. The Library Research Portal (library@mu.edu) provides access to multiple services and authoritative resources for academic research including books, articles, texts, visual media, and teaching resources. Appropriate sources include scholarly and peer-reviewed journal articles, scholarly books, and well-respected news magazines and newspapers. The Library offers a large number of appropriate sources and each student is required to attend an online Library orientation. Assistance is available to help students select and locate appropriate sources when RNU is open. The online library is available to students 24 hours 7 days a week. All students can connect to the online library through the computers and laptops available at home and on campus. Each student must use their own pass code to access the library.

As an RNU student, you are required to use the RNU online library, as one source, to assist you in completing a required research paper or project.

Revised 2019.10
# Reagan National University

## Syllabus

1. **Administrative Information:**

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Number</td>
<td>FIN 499</td>
</tr>
<tr>
<td>Course Title</td>
<td>Finance Project</td>
</tr>
<tr>
<td>Credit Hours</td>
<td>3</td>
</tr>
<tr>
<td>Prerequisite</td>
<td>At least 8 FIN courses completed.</td>
</tr>
<tr>
<td>Term</td>
<td>SP 2019</td>
</tr>
<tr>
<td>Class Time</td>
<td>Monday 14:00 – 17:45</td>
</tr>
<tr>
<td>Class Room</td>
<td>2</td>
</tr>
<tr>
<td>Instructor</td>
<td></td>
</tr>
<tr>
<td>Office Hours</td>
<td>F 9:00 – 12:00</td>
</tr>
<tr>
<td>Telephone</td>
<td></td>
</tr>
<tr>
<td>E-Mail</td>
<td></td>
</tr>
</tbody>
</table>
Course Description: This is a special course for selected students to carry out research under the guidance of a faculty member. This course requires the student to prepare a proposal, which must be approved by the Department Chair.

Course Information:
The Finance capstone course will provide a learning experience that integrates across all the courses within this specialization. You will analyze a situation taking the vantage point of a company and develop a financial management plan (for instance, a global company working in a specific geography chosen by students’ region or country of residence, or other consideration). You will design a deliverable to create value from the perspective of potential employers while achieving pedagogical and experiential goals.

Teaching Procedures:
Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

Participation in Class Discussion
Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:
• Offers a different and unique, but relevant, perspective;
• Contributes to moving the discussion and analysis forward;
• Builds on other comments;
• Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

We will use our assessment of your participation to manage borderline grades. While your participation grade is subjective, it will not be random or arbitrary. And, clearly, more frequent quality comments are better than less frequent quality comments.

Text:
Reading materials provided by the instructor.

Course Requirements:
Letter grades will be assigned to each student based on a mathematical calculation of the points earned on the examinations. The weights of the exams are:

Contribution to Class ...... 20%
Final Presentation ....... 30%
Final Project ............... 50%

No makeup exams!!!

2019.10
The course grades are assigned as:

- 91 – 100% — A
- 81 – 90% — B
- 71 – 80% — C
- 61 – 70% — D
- Below 61% — F

**Note:** Scores and grades will not be “curved.” Therefore, any number of students in this course can earn a score of 100 (or 0) on quizzes or exams; and any number of students can earn a grade of “A” (or “F”). By using the preceding factor, a student should constantly be aware of his/her potential final grade in the course. Students are welcome to discuss with the professor regarding to his/her progress or any aspects of the course.

### Final Project:

One of the most effective means of learning is to apply what has been learned. The final project provides you with the opportunity to use work from previous papers and discussion forums, but you will also be required to conduct additional research regarding a specific business and country. You are required to adhere to APA guidelines and to cite your sources. Do not copy tables or material and present them as your own. A feature of good academic writing is building on the work of others in presenting a new approach to a business issue. Imagine that you have been tasked by the Director of Finance of your company to perform an analysis of one of your competitors. Please select a publicly traded company; it can be a competitor of the company you work for or any publicly traded company you want to choose. Your assignment is to examine the company on the factors listed below and provide an evidence-based opinion regarding its financial soundness. For this analysis, you will need to investigate the company on the Internet (e.g., www.yahoofinance.com) and through the RNU Online Library.

### Course Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Course Overview: 1) PF Fundamentals, 2) PF Strategy and Economics, 3) PF Strategies</td>
</tr>
</tbody>
</table>
| 2    | How to attract financing for a Project that doesn’t exist?  
  - Types of Projects that are suitable  
  - Completion credit risk and support |
| 3    | Sources of Project Finance Funding |
| 4    | Framing the Economics of PF |
| 5    | When Does Project Financing Make Economic Sense? |
| 6    | Business Strategy & Project Financing |
| 7    | Introduction to Off-Balance Sheet Financing |
| 8    | Project Financing to Expand Debt Capacity |
| 9    | Project Financing to maximize use of available capital, distribute risk and fund Growth |
| 10   | Project Demo 1 |
| 11   | Project Demo 2 |
| 12   | Final Presentations |
**Classroom Policies:**

Teaching procedures for this course will include professional lectures, class discussions, reading assignments, homework and examinations. You can get policies regarding to the University academic policies from the Student Handbook on the University web-site or in the University catalog.

**Attendance, Absence, Lateness, Incomplete:**

A course grade of “incomplete” will be given under very unusual circumstances, and only if the student has complete at least 75% of the assigned work by the last day of class and only when an incomplete contract is signed and approved.

**Course Outcome:**

Upon completing this program:

1. Students will be able to identify and use relevant data to calculate appropriate quantitative measures that help in making informed financial decisions.
2. Students will be able to describe and expound on several financial solutions in a structured, organized and deliberate manner with comparisons, anecdotal evidence and descriptive analysis.
3. Students will be able to express the analytic, quantitative and ethical dimensions of a business problem and proposed solutions in a clear, well-organized manner that is free of bias or distortions.
4. Students will be able to identify and analyze ethical dimensions of a business situation and relate those dimensions to general and professional ethical standards.

**Moodle Forum:**

We will use the Moodle Forum to extend the class discussion. I will actively participate in all ongoing discussion threads. This is a good place to engage your classmates in discussions of course topics. To encourage all to participate, contributions to the bulletin boards will be counted towards your class participation points. Other aspects of "class participation" will be discussed on the first day of class.

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will receive a “0” on their work if they either submit work that isn’t their own (including cutting and pasting content from the Internet without proper citation) or allow other students to use their work. A second instance results in failure of the course.

Special Needs and Accommodations:

Please address any special problems or needs at the beginning of the quadmester with the instructor. If you are seeking accommodations based on a disability, you should provide a disability data sheet, which can be obtained from the student services office.

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Reagan National University Library Services:

RNU’s online collection contains over 60,000 volumes comprised of books, journals, videos, and faculty created resources. The Library Research Portal (library@rnu.edu) provides access to multiple services and authoritative resources for academic research including books, articles, texts, visual media, and teaching resources. Appropriate sources include scholarly and peer-reviewed journal articles, scholarly books, and well-respected news magazines and newspapers. The Library offers a large number of appropriate sources and each student is required to attend an online Library orientation. Assistance is available to help students select and locate appropriate sources when RNU is open. The online library is available to students 24 hours 7 days a week. All students can connect to the online library through the computers and laptops available at home and on campus. Each student must use their
own pass code to access the library.

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Reagan National University

Syllabus

1. Administrative Information:

   Course Number: FIN 500
   Course Title: Financial Management
   Credit Hours: 3
   Prerequisite: No prerequisite.
   Term: FA 2018
   Class Time: SA 9:00 – 12:45
   Class Room: 2
   Instructor: [Redacted]
   Office Hours: F 9:00 – 12:00
   Telephone:
   E-Mail: [Redacted]
3- Catalog Description:

This course examines the general nature of financial management and focuses in corporate finance. It presents the necessary tools required to objectively approach and solve financial problems as well as enhances the understanding of basic financial theory and practices. It also discusses the topics such as capital budgeting, capital structure and working capital decisions.

4- Course Outcomes:

At the end of this course students will be able to:

- Understand the various stages of expansion overseas that multinational corporations utilize in order to benefit from globalization.
- Describe the international monetary system and the foreign exchange markets.
- Examine the Balance of Payments (BOP) data and determine its implications for international competition.
- Identify the basic philosophies that govern corporate behavior throughout the world.
- Forecast exchange rates based on the parity conditions that should apply between spot rates, forward rates, inflation rates, and interest rates.
- Convert currencies using spot, future, and cross rates and identify arbitrage opportunities.
- Apply knowledge of derivatives to risk management in international financial markets.
- Explain translation, transaction, and economic exposure to exchange rate changes.
- Describe how interest rate risk affects financial decision making in the international business arena.
- Identify the processes and instruments used in the financing of international trade.

5- Teaching Procedures:

Teaching procedures for this course will include, professional lectures, class discussions, reading assignments and examinations.

Participation in Class Discussion

Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the

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QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:

- Offers a different and unique, but relevant, perspective;
- Contributes to moving the discussion and analysis forward;
- Builds on other comments;
- Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

We will use our assessment of your participation to manage borderline grades. While your participation grade is subjective, it will not be random or arbitrary. And, clearly, more frequent quality comments are better than less frequent quality comments.

6- Text and instructional materials:


The instructor may place required articles or chapters on reserve in the library. Textbooks needed for class are in stock at the campus virtual e-campus bookstore.

7- Course Requirements:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home work Projects</td>
<td>30%</td>
</tr>
<tr>
<td>Examination</td>
<td>30%</td>
</tr>
<tr>
<td>Final Project</td>
<td>20%</td>
</tr>
<tr>
<td>Class Participation</td>
<td>20%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

The course grades are assigned as:

- 90 – 100% = A
- 80 – 89% = B
- 70 – 79% = C
- Below 70% = F

Note: Scores and grades will not be “curved.” Therefore, any number of students in this course can earn a score of 100 (or 0) on quizzes or exams; and any number of students can earn a grade of A (or F). By using the preceding factor, a student should constantly be aware of his/her potential final grade in the course. Students are welcome to discuss with the professor regarding to his/her progress or any aspects of the course.

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Final Project: The reading you did should provide you with a topic you can manage. So, decide the specific topic your financial management research paper will focus on. Go for an issue that challenges and interests you. Also, it needs to be an area your faculty members would find valuable. Always have your teacher approve your topic before you start working on it. In most cases, you may have to prepare a research proposal. Doing that saves you time and helps you avoid unnecessary stress down the road.

Studying a broad topic comes with various challenges. If your area of interest is too broad, you cannot thoroughly examine the topic. It is best to select an aspect of a financial management area and focus all your mental energy on it.

For example: Assume your broader research paper topic is “Risk Management: Goldman Sachs.” In this case, you can consider handling a narrower aspect like operational risk. Your new topic would now be “Operational Risk Management at Goldman Sachs.” Your study gets super focused with a narrower topic area. Generally, the narrower the topic, the easier developing it becomes.

Topic ideas and the topic types to avoid: Unless you are super confident about every possible financial management topic, avoid:

- Topics that appear to be too technical
- Topics that seem too specialized
- Topics about which you can’t seem to find enough source materials and data

A few Suggested Research Areas

Here are some financial management topic areas you can consider:

- Risk management: This is concerned with how organizations manage unforeseen events and how to minimize their impact on organizational performance. Types of risks include financial risk, economic risk, regulatory risks, human risks etc.
- Corporate governance: Under this topic a student can choose an organization and study the system of rules and processes that govern an organization. A hot topic in this area today is the composition of women in the board and their impact on sustainable business practices.
- Investment management: This topic is concerned with how a financial institution manages its financial resources such as equity, fixed income instruments, commodities and alternative investments.
- Performance management:
- Criminal money management:

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**Academic Honesty:**

Academic honesty is non-negotiable. All assignments submitted in fulfillment of course requirements must be the student's own work. Plagiarism and/or any other form of academic dishonesty will not be tolerated and will result in a grade of zero on the assignment. Students should consult the Student’s Handbook on the University web-site or in the University catalog.

The distribution of certain information about students is governed by the Federal Educational Records Protection Act (FERPA). According to FERPA, student grades may not be posted or given over the phone or the Internet.

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**8- Classroom Policies:**

**Library Usage**

Library usage is required and will be expected in the development of one or more of your class projects. Library resources provide essential sources of data and information that you will need to successfully complete this course.

Please be aware of the limitations of e-mail and adhere to the following guidelines. Unfortunately, because of past experience, the guidelines now include those e-mail behaviors to which no response will be given.

- Include a greeting and salutation in all your e-mails.
- Include the name you prefer to be called.
- Retain all related e-mails at the bottom of any response you send and place your response at the top. I will not search through previous e-mails to attempt to discover the topic of our e-mail exchange, nor will I search through a message for new information.
- Content questions that require in-depth explanation are inappropriate for e-mail and you will receive a response asking you to come to office hours to have the question answered. In online courses, or blended courses, you may be directed to post your question or comments to the appropriate online discussion forum.
- Do not use e-mail in emergency situations or when you need a response in less than 24 hours.

The following types of e-mail will receive no response:

- Any e-mail which contains hostile or accusatory language will remain unanswered and the sender may be reported to the appropriate authorities.
- Any e-mail sent requesting a change of grade for any reason other than an error in calculation or recording of points will remain unanswered.
- Any e-mail sent which contains student opinions about the “fairness” of the course or exams will remain unanswered.

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9- Attendance, Absence, Lateness, Incomplete:

- In accordance with the policies of Reagan National University, class attendance is required, and classes will start promptly at the scheduled time. In online courses, attendance will be determined based on discussion participation of at least two days per week each week. If a student does not attend during [three] weeks of the [twelve] week course, he/she will be subject to automatic withdrawal from the course.
- A course grade of “incomplete” will be given only under very unusual circumstances, and only if the student has completed at least 75% of the assigned work by the last day of class and only when an incomplete contract is signed and approved.

10- Course Outline:

<table>
<thead>
<tr>
<th>DATE</th>
<th>MATERIAL COVERED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1</td>
<td>Chapter 1: Overview of Banking and Financial - Services Industry.</td>
</tr>
<tr>
<td>Week 2</td>
<td>Chapter 2: Source and Uses of Bank Funds and Risks of Banking.</td>
</tr>
<tr>
<td>Week 3</td>
<td>Chapter 4: Managing Value and Risk.</td>
</tr>
<tr>
<td></td>
<td>Chapter 5: Asset-Liability Management (ALM) and Tech for Managing Interest Rate Risk.</td>
</tr>
<tr>
<td>Week 4</td>
<td>Chapter 6: Credit Risk and Lending Function: Theory and Practice</td>
</tr>
<tr>
<td>Week 5</td>
<td>MIDTERM EXAMINATION</td>
</tr>
<tr>
<td>Week 6</td>
<td>Chapter 7: Liquidity Risk and Liability Management.</td>
</tr>
<tr>
<td>Week 7</td>
<td>Chapter 8: Bank Investment Mgmt and Investment Banking</td>
</tr>
<tr>
<td></td>
<td>Chapter 9: No interest Income, Securitization</td>
</tr>
<tr>
<td>Week 8</td>
<td>Chapter 10: Management of Credit Risk: Business Lending</td>
</tr>
<tr>
<td></td>
<td>Chapter 11: Consumer Lending</td>
</tr>
<tr>
<td>Week 9</td>
<td>Chapter 12: Commercial real – Estate Lending</td>
</tr>
</tbody>
</table>

Revised 2019.10
11. Special Needs and Accommodations:

Please address any special problems or needs at the beginning of the quadrimester with the instructor. If you are seeking accommodations based on a disability, you should provide a disability data sheet, which can be obtained from the student services office.

12. The Learning Environment:

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Reagan National University

Syllabus

1. **Administrative Information:**
   
   Course Number: FIN 506
   
   Course Title: Financial Statement Analysis
   
   Credit Hours: 3
   
   Prerequisite: FIN 500
   
   Term: FA 2018
   
   Class Time: TU 14:00-17:45
   
   Class Room: 1
   
   Instructor: [Name Redacted]
   
   Office Hours: F 9:00 – 12:00
   
   Telephone: [Number Redacted]
   
   E-Mail: [Email Redacted]

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Course Description:
This course provides students with tools to analyze and exploit information in corporate financial statements. It helps students with understanding and analysis the corporate issues on financial reporting strategies effectively. It also covered include financial distress prediction, the impact of accounting information on security returns and the evaluation of short-term and long-term loan requests.

Required Textbook
Title: Financial Statement Analysis, 11th ed.
Author: Subramanyam and Wild
Publisher: McGraw-Hill Higher Education

Teaching Method:
Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

Participation in Class Discussion
Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:
• Offers a different and unique, but relevant, perspective;
• Contributes to moving the discussion and analysis forward;
• Builds on other comments;
• Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

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Revised 2019.10
<table>
<thead>
<tr>
<th>Class</th>
<th>Lecture Topic</th>
<th>Assignment Given</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Overview of Financial Statement Analysis</td>
<td>Ch. 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Case 1-3</td>
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<tr>
<td>2</td>
<td>Financial Reporting and Analysis</td>
<td>Ch. 2</td>
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<tr>
<td></td>
<td></td>
<td>Problem 2-12 A &amp; B only</td>
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<tr>
<td>3</td>
<td>Analyzing Financing Activities</td>
<td>Ch. 3</td>
</tr>
<tr>
<td></td>
<td>Financing Activities</td>
<td>Problem 3-5 A &amp; B only</td>
</tr>
<tr>
<td>4</td>
<td>Analyzing Investing Activities</td>
<td>Ch. 4</td>
</tr>
<tr>
<td></td>
<td>Investing Activities</td>
<td>Case 4-3</td>
</tr>
<tr>
<td>5</td>
<td>Analyzing Investing Activities: Inter-corporate</td>
<td>Ch. 5</td>
</tr>
<tr>
<td></td>
<td>Investments</td>
<td>Problem 5-3</td>
</tr>
<tr>
<td>6</td>
<td>Midterm Exam</td>
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<td></td>
<td>Chapters 1-5</td>
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<tr>
<td>7</td>
<td>Analyzing Operating Activities</td>
<td>Ch. 6</td>
</tr>
<tr>
<td></td>
<td>Operating Activities</td>
<td>Problem 6-5</td>
</tr>
<tr>
<td>8</td>
<td>Cash Flow Analysis</td>
<td>Ch. 7</td>
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<tr>
<td></td>
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<td>Problem 7-1</td>
</tr>
<tr>
<td>9</td>
<td>Return on Invested Capital and Profitability</td>
<td>Ch. 8</td>
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<tr>
<td></td>
<td>Analysis</td>
<td>Case 8-3</td>
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<tr>
<td>10</td>
<td>Prospective Analysis</td>
<td>Ch. 9</td>
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<tr>
<td></td>
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<td>Problem 9-2</td>
</tr>
<tr>
<td>11</td>
<td>Credit Analysis</td>
<td>Ch. 10</td>
</tr>
<tr>
<td>12</td>
<td>Final Exam</td>
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<td></td>
<td>Chapters 6 - 10</td>
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</tbody>
</table>

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Course Requirement and Evaluation:

Exams consist of midterm, final, and/or quizzes.
Total grade of exams should not surpass 50% of total grade.
Mid-Term Exam: Chapters 1, 2, 3, 4, 5 (worth 25 points).
Final-Exam: Chapters 6, 7, 8, 9, 10 (worth 25 points).

Assignments (homework) Homework exercises will be assigned to help you better understand the material. We will discuss assignments in chat rooms to ensure that students can master the material.

Term project – Each student will select a company and conduct a financial statement analysis of that company. The paper is expected to be between 8 and 10 pages in length, including front and back matter. Sections of the paper will be developed throughout the course. It will follow the APA format.

Class participation & Attendance: to successfully complete this course and to receive credit, students must attend chat room discussions and submit homework assignments and other assignments on a timely basis.

Grading Policy: All exams, assignments, research paper, and class participation have a point value. Final grades will be determined by a percentage of the total possible points as follows:

The deliverables will entail 100 possible points, broken down as follows:

<table>
<thead>
<tr>
<th>Points</th>
<th>Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>Term project</td>
</tr>
<tr>
<td>25</td>
<td>Homework Assignments</td>
</tr>
<tr>
<td>25</td>
<td>Midterm Exam</td>
</tr>
<tr>
<td>25</td>
<td>Final Exam</td>
</tr>
<tr>
<td>100</td>
<td>Total</td>
</tr>
</tbody>
</table>

The numerical score is then converted to a letter grade using the following scale:

- 90 – 100% = A
- 80 – 89% = B
- 70 – 79% = C
- Below 70% = F

Supporting Material:

Extended lecture notes, Questions/Problems and Answers. Students should regularly read local and foreign financial newspapers such as the Wall Street Journal (US), the Financial Time (UK), the Economist (UK), and the Asian Economist (Singapore) and other financial publications. Students need to research the financial reports of a company for the student’s

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Classroom Policies: Attendance, Absence, Lateness, Incomplete policy

- In accordance with the policies of the University, class attendance is required, and classes will start promptly at the scheduled time. In online courses, attendance will be determined based on login to the course shell at least Two days per Class and participation on discussions/submission of assignments/quizzes by the due date participation of at least two days per Class each week. If a student does not attend during [three] weeks of the [twelve] Class course, he/she will be referred to designated UNIVERSITY officials or may be subject for an automatic withdrawal from automatic from the course.

- For an on ground courses students are expected to attend every class meeting unless if they have documented (egg Medical, family emergency leave....) reason for missing the class session. Students who have 3 unexcused, (undocumented absentees) will be referred to designated school officials.

- A course grade of “incomplete” will be given only under very unusual circumstances, and only if the student has completed at least 75% of the assigned work by the last day of class and only when an incomplete contract is signed and approved.

Learning Outcomes:

After completing this course students should be able to:

- Describe and apply the basic techniques of financial statement analysis;
- Explain the relationship between strategic business analysis, accounting analysis and financial analysis;
- Identify and utilize value-relevant information contained within financial statements;
- Recognize and explain the fundamental role of accounting numbers in the valuation of entities and the key financial claims on these entities assets (equity and debt securities);
- Understand the impact of financial reporting choices on the usefulness of reported earnings to predict future performance;
- Prepare a written analysis of a listed company, which incorporates and synthesizes the strategic, accounting and financing techniques covered in the course.

Academic Honesty:

It is assumed that all students have familiarized themselves with the university's policy on and definition of academic dishonesty. All work should be the student's own - academic honesty is expected of everyone. Those who do not adhere to university and professional expectations with respect to this will be dealt with in accordance with college policy. In general – students will receive a 0 on their work if they either submit work that isn’t their own (including cutting and pasting content from the Internet without proper citation) or allow other students to use their work. A second instance results in failure of the course.

Special Needs and Accommodations:

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Please address any special problems or needs at the beginning of the quadmester with the instructor. If you are seeking accommodations based on a disability, you should provide a disability data sheet, which can be obtained from the student services office.

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- Distractions are kept to a minimum. Cell phones and other electronic devices are turned off in class, labs, and library. Students remain seated throughout class and refrain from talking with classmates while another class member or the instructor has the floor.
- Each student turns in work that is his or her own.
- Consideration is always given to other classes that are taking place in adjoining classrooms.
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RNU’s online collection contains over 60,000 volumes comprised of books, journals, videos, and faculty created resources. The Library Research Portal (library@mu.edu) provides access to multiple services and authoritative resources for academic research including books, articles, texts, visual media, and teaching resources. Appropriate sources include scholarly and peer-reviewed journal articles, scholarly books, and well-respected news magazines and newspapers. The Library offers a large number of appropriate sources and each student is required to attend an online Library orientation. Assistance is available to help students select and locate appropriate sources when RNU is open. The online library is available to students 24 hours 7 days a week. All students can connect

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Syllabus

1. Administrative Information:
   
   Course Number: FIN 517
   Course Title: Financial Theory
   Credit Hours: 3
   Prerequisite: FIN 500
   Term: FA 2018
   Class Time: M 14:00 – 17:45
   Class Room: 2
   Instructor: [Blank]
   Office Hours: F 9:00 – 12:00
   Telephone: [Blank]
   E-Mail: [Blank]

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2. **Catalog Description:**

The course introduces the functions of public and private financial institutions. It focuses on classical ideas in finance, such as expected utility, risk aversion, mean-variance portfolio analysis, separation thermo, state prices and risk neutral valuation, efficient market. It also provides specific technical knowledge of financial decision-making at these institutions.

3. **Teaching Procedures:**

Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

**Participation in Class Discussion**

Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:

- Offers a different and unique, but relevant, perspective;
- Contributes to moving the discussion and analysis forward;
- Builds on other comments;
- Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

We will use our assessment of your participation to manage borderline grades. While your participation grade is subjective, it will not be random or arbitrary. And, clearly, more frequent quality comments are better than less frequent quality comments.

4. **Text:**


5. **Course Requirements:**

Letter grades will be assigned to each student based on a mathematical calculation of the points earned on the examinations. The weights of the exams are:

- Contribution to Class ..... 10%
- Homework .................. 10%
- Midterm .................... 30%
- Final Exam ................ 30%
- Term Project .............. 20%

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No makeup exams!!!

The course grades are assigned as:

- 90 – 100%  =  A
- 80 – 89%    =  B
- 70 – 79%    =  C
- Below 70%   =  F

Note: Scores and grades will not be “curved.” Therefore, any number of students in this course can earn a score of 100 (or 0) on quizzes or exams, and any number of students can earn a grade of “A” (or “F”). By using the preceding factor, a student should constantly be aware of his/her potential final grade in the course. Students are welcome to discuss with the professor regarding to his/her progress or any aspects of the course.

Term Project:

Term paper requires students to write a report on “Does Finance Benefit Society?” Academics’ view of the benefits of finance vastly exceeds societal perception. This dissonance is at least partly explained by an under-appreciation by academia of how, without proper rules, finance can easily degenerate into a rent-seeking activity. You need to outline what finance academics can do, from a research point of view and from an educational point of view, to promote good finance and minimize the bad. The paper is expected to be between 8 and 10 pages in length, including front and back matter. Sections of the paper will be developed throughout the course.

Course Schedule

<table>
<thead>
<tr>
<th>CLASS #</th>
<th>TOPICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Present Value Relations</td>
</tr>
<tr>
<td>2</td>
<td>Fixed-Income Securities</td>
</tr>
<tr>
<td>3</td>
<td>Equities</td>
</tr>
<tr>
<td>4</td>
<td>Forward and Futures Contracts</td>
</tr>
<tr>
<td>5</td>
<td>Options</td>
</tr>
<tr>
<td>6</td>
<td>Midterm Exam</td>
</tr>
<tr>
<td>7</td>
<td>Risk and Return</td>
</tr>
</tbody>
</table>

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6. **Classroom Policies:**

You can get policies regarding to the University academic policies from the Student Handbook on the University web-site or in the University catalog.

7. **Attendance, Absence, Lateness, Incomplete:**

A course grade of “incomplete” will be given under very unusual circumstances, and only if the student has complete at least 75% of the assigned work by the last day of class and only when an incomplete contract is signed and approved.

8. **Course Outcome:**

If you do well in this course, you will be able to:

- Use research to describe patterns of trade, opportunities in local/state/national areas, and pertinent statistics.
- Demonstrate familiarity with relevant economic theory.
- Display an appreciation for the political, economic, technological, sociological environment.
- Master fundamental import, export and barter procedures.
- Understand the process of market assessment and development.
- Know the role of production and sourcing.
- Discuss the sources and methods of financing trade transactions.
- Describe exchange rates, accounting and tax implications, basic insurance and contract aspects.

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• Describe international management and labor peculiarities and national customs.
• Differentiate variations and developments such as export, trading companies, counter trade, joint ventures, subcontracting, turnkey operations.
• Know concepts such as multinational firms, LDC's (Lesser Developed Countries).
• Discuss the basics of relevant government laws - documentation, customers and brokerage.

9. **Moodle Forum:**

We will use the Moodle Forum to extend the class discussion. I will actively participate in all ongoing discussion threads. This is a good place to engage your classmates in discussions of course topics. To encourage all to participate, contributions to the bulletin boards will be counted towards your class participation points. Other aspects of "class participation" will be discussed on the first day of class.

10. **Academic Honesty:**

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11. **Special Needs and Accommodations:**

Please address any special problems or needs at the beginning of the quarter with the instructor. If you are seeking accommodations based on a disability, you should provide a disability data sheet, which can be obtained from the student services office.

12. **The Learning Environment:**

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- All members of the class arrive on time and leave the class only on breaks or in case of emergency.

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• Distractions are kept to a minimum. Cell phones and other electronic devices are turned off in class, labs, and library. Students remain seated throughout class and refrain from talking with classmates while another class member or the instructor has the floor.

• Each student turns in work that is his or her own.

• Consideration is always given to other classes that are taking place in adjoining classrooms.

• At the end of a class, the members of the class and the instructor leave the classroom in good condition so that the next class can begin without disruption.

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Syllabus

1. Administrative Information:

   Course Number: FIN 534
   Course Title: Financial Institutions and Markets
   Credit Hours: 3
   Prerequisite: FIN 500
   Term: FA 2018
   Class Time: SA 14:00 – 17:45
   Class Room: 2
   Instructor: [Redacted]
   Office Hours: F 9:00 – 12:00
   Telephone: [Redacted]
   E-Mail: [Redacted]
Catalog Description: This course introduces the structure and functions of financial institutions and markets in the United States. It covers topics such as the money market and short-term money management; the equity and bond markets; financial assets and the primary market; and the difference between electronic and floor-based equity markets.

Teaching Procedure: Teaching procedures for this course will include professional lectures, class discussions, reading assignments and examinations.

Participation in Class Discussion

Class participation is a very important part of the learning process in this course. Although not explicitly graded, you will be evaluated on the QUALITY of your contributions and insights. Quality comments possess one or more of the following properties:

- Offers a different and unique, but relevant, perspective;
- Contributes to moving the discussion and analysis forward;
- Builds on other comments;
- Transcends the “I feel” syndrome. That is, it includes some evidence, argumentation, or recognition of inherent tradeoffs. In other words, the comment demonstrates some reflective thinking.

We will use our assessment of your participation to manage borderline grades. While your participation grade is subjective, it will not be random or arbitrary. And, clearly, more frequent quality comments are better than less frequent quality comments.


Course Outline:

| Session | Chapter No. | Specific objectives are:
|---------|-------------|---------------------------------------------------------------|
| 1.      | Chap. 1     | • Overview of the role of financial markets and institutions
|         | Chap. 2     | • Factors determining interest rates
|         | Chap. 3     | • Factors affecting yields among securities; international structure of interest rates
| 2.      | Chap. 4     | • Functions of the Central Bank
| 3.      | Chap. 5     | • Monetary policy and tools
| 4.      | Chap. 6     | • Money markets; money market price movement
| 5.      | Chap. 7     | • Bond markets
| 6.      | Midterm Examination |
| 7.      | Chap. 8     | • Bond valuation and risk

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Course Requirements: (i) Two written examinations, a midterm and a final (see class schedule above), (ii) a research paper or project (the instructor will supply details on the research paper), and (iii) participation in class discussions of current topics of interest. In addition, students are required to read the financial sections of the Wall Street Journal, The Washington Post, The New York Times and follow various TV financial shows. Students will be evaluated as follows: Midterm and final exams are worth 30% each of the course letter-grade (100%); research paper, 30%; and class participation, 10%.

The course grades are assigned as:

- 90 – 100% = A
- 80 – 89% = B
- 70 – 79% = C
- Below 70% = F

Note: Scores and grades will not be “curved.” Therefore, any number of students in this course can earn a score of 100 (or 0) on quizzes or exams; and any number of students can earn a grade of A (or F.) By using the preceding factor, a student should constantly be aware of his/her potential final grade in the course. Students are welcome to discuss with the professor regarding to his/her progress or any aspects of the course.

Research Paper

Chose a security from the list below, and determine its value (from The Wall Street Journal or similar source) as of September 2, 1998. Keep a weekly log of its value each subsequent Wednesday, through November 18, 1998.

1. Compute the weekly return on your security. Use a spreadsheet program such as Excel to generate a chart of these returns (you determine which chart format best conveys the information). What is the average weekly return? What is the standard deviation of weekly returns? What is the overall holding period return?

2. What are the key characteristics of your security? What are its main sources of risk? What are the characteristics of the market in which the security trades? Who are the major participants in the market for your security?

3. What factors affected the valuation of your security over the course of the quarter? How? Were these systematic or unsystematic influences?
Prepare a written report that covers all the points above, though not in question/answer format. That is, structure your document as if you were writing to explain the security and its recent behavior; for example, you may want to think of the report as going to a potential client of a funds management group where you work. The report is due at the beginning of class December 2. *Late assignments will not be accepted.*

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**Student Feedback and Grading Procedures:** To ensure the achievement of the stated course objectives, current problems and issues directly related to concepts and techniques learned will be assigned to students for presentation and discussion in class, and their ability to apply these concepts and techniques to “real world” problems will be assessed and monitored.

**Attendance, Lateness, Absence, Make-up Exams and Incomplete Work:** In accordance with the policies of Reagan National University:

- Academic honesty is expected of all students
- Regular class attendance is required
- Classes will start promptly as scheduled, and students are expected to be on time
- Excessive lateness and/or absenteeism will be dealt with in accordance with the University’s policies
- A make-up exam will be given only with the permission of the instructor
- A course grade of “Incomplete” will be given under very unusual circumstance, and only with the permission of the Chair of the Management Division. *For more details, please consult the Student’s Handbook* (See Reagan National University Catalog or go to www.rnu.edu).

The above schedule and procedures are subject to change in the event of extenuating circumstances.

**Course Learning Outcome:**

- Students will be able to explain the functions and benefits of money.
- Students will be able to discuss the history of money.
- Students will be able to explain the role and the benefits of financial intermediaries.
- Students will be able to discuss the nature, determination and role of interest rates.
- Students will be able to calculate Present Value and understand and discuss how these concepts can also be related to explain the term structure of interest rates.
- Students will be able to list the types of financial assets available and discuss briefly the principles which guide their selection as part of a portfolio of assets.

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• Students will understand and be able to explain the relationship between types of financial contracts and the characteristics of the business environment, including business size and cultural background.

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Syllabus

1. Administrative Information:

   Course Number:     FIN 551
   Course Title:      Portfolio Management
   Credit Hours:      3
   Prerequisite:      FIN 500
   Term:              FA 2018
   Class Time:        W 14:00 – 17:45
   Class Room:        2
   Instructor:        [Redacted]
   Office Hours:      F 9:00 – 12:00
   Telephone:         [Redacted]
   E-Mail:            [Redacted]

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