The University of Texas at Tyler  
College of Business and Technology  
Spring 2018  
FINA 4330.001  
Securities Analysis & Portfolio Management

| Instructor Name: | Dr. Chialing Hsieh (Pronounce: Charlene Shay) |
| Office Location: | Business Bldg Room 137 |
| Email Address: | chsieh@uttyler.edu (Best Contact Method) |

| Office Hours: | 11:30 am–12:15 pm, 1:20 pm-2:20 pm on Monday or by appointment. Contact will also be via e-mail. You can expect a response within 24 hours except for those sent on Saturday and Sunday as well as those sent after 5 pm on Friday, when you can expect a response within 48 hours. |

| Classroom Location: | Business Bldg Room 106 |
| Class Meeting Days & Times: | Monday, Wednesday 2:30PM - 3:50PM |

| Prerequisites: | FINA 3330 (Investments) |
| Required Text: | Investments; 11TH EDITION with Connect By Zvi Bodie and Alex Kane and Alan Marcus, Copyright: 2018  
*It may be cheaper to purchase Connect Plus only, the eBook feature will be available to you in the Connect course. But you will lose access to the text after the course ends.* |

| Required Supplement: | Financial Calculator - BA II PLUS by Texas Instruments is recommended.  
*Connect Plus™ (Optional) StockTrak trading simulation* |

COURSE DESCRIPTION:  
A scrutiny of alternative techniques for the valuation of securities. An examination of the process of establishment of investment objectives and construction of portfolios to suit the individual needs of institutional and individual investors.

COURSE OBJECTIVES:  
1. KNOWLEDGE OBJECTIVES OF THIS COURSE INCLUDE:  
   1. To develop analytical skills relevant to valuation of equity, fixed-income and derivative securities.  
   2. To learn to combine various securities in order to meet specific investment objectives.  
   3. To optimize portfolios subject to investor and market constraints.

2. COMPETENCIES TO BE DEMONSTRATED IN THIS COURSE INCLUDE:  
   1. COMPUTER-BASED SKILLS:  
      A. WORD PROCESSING: Required for producing project reports.  
      B. SPREADSHEET: Required for data entry and data analysis.  
      C. PRESENTATION SOFTWARE: Required for project presentations.  
      D. DATABASE MANIPULATION: Required for equity data analysis.  
      E. INTERNET SEARCH SKILLS: Required for project and stock simulation research.
2. COMMUNICATION SKILLS:
   A. WRITTEN
      a. REPORT ORGANIZATION: Required for project reports.
      b. REFERENCING: Required project reports.
   B. ORAL: Required for case and project presentations.

3. INTERPERSONAL SKILLS:
   A. TEAM-BASED ABILITIES – INTRA-GROUP AND INTER-GROUP
      COOPERATION: Not demonstrated in this class.
   B. LEADERSHIP: Not demonstrated in this class.
   C. CONFLICT RESOLUTION: Not demonstrated in this class.

4. PROBLEM SOLVING (CRITICAL THINKING):
   A. CONCEPTUAL THINKING: Required in class discussion dynamics.
   B. GATHERING AND ANALYZING DATA: Required for cases and projects.
   C. QUANTITATIVE/STATISTICAL SKILLS: Demonstrated in investment analysis.
   D. CREATIVITY AND INNOVATION: Demonstrated in portfolio management and stock
      simulation project for the course.

5. ETHICAL ISSUES IN DECISION MAKING AND BEHAVIORS: Demonstrated in class
   discussions regarding fiduciary responsibilities of investment analysts.

6. PERSONAL ACCOUNTABILITY FOR ACHIEVEMENT:
   A. MEETING DEADLINES: Evaluated by instructor.
   B. QUALITY OF WORK PERFORMED: Evaluated via graded outcomes of student work
      and exam scores.

7. COMPETENCE IN BASIC BUSINESS PRINCIPLES:
   A. COMPETENCE IN MAJOR FIELD AND GROUNDING IN OTHER MAJOR CORE
      AREAS: Course content integrates economics, accounting, and management functions into
      portfolio management decisions.
   B. AWARENESS OF INTERNATIONAL AS WELL AS DOMESTIC IMPLICATIONS
      OF BUSINESS DECISIONS: Course content examines international political and foreign
      exchange risk in context of investment decisions.
   C. UNDERSTANDING AND APPRECIATION OF STRATEGIC IMPACT OF
      BUSINESS DECISIONS: Course includes content discussion which ties prudent
      investment decisions to successful strategic outcomes for the firm.

3. OUTCOMES FOR STUDENTS TO SUCCESSFULLY COMPLETE THIS COURSE INCLUDE:
   1. Understand the securities valuation process using appropriate valuation techniques under appropriate
      circumstances
   2. Be able to form portfolios based on investor risk preferences and other constraints.
   3. Be familiar with the fiduciary responsibility to the client as an investment analyst
   4. Be able to evaluate portfolio performance and attribute performance to chance or managerial skill

Course Structure:
To achieve course goals, students will be required to:
   1. Read Powerpoint course slides and textbook chapters.
   2. Take every test and quiz.
   3. Complete quizzes and homework assignments in Connect.
   4. (Optional) Complete StockTrak trading simulation report.
   5. Complete Modern Portfolio Theory (MPT) project.
   6. Visit course on Canvas regularly.
Course Evaluation Methods

This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.

1. Tests:
Three tests: The lowest test score will be dropped from the computation of your course grade. Tests will be designed to measure students’ knowledge and understanding of course material. Tests will generally cover the topics discussed or presented in class, however, other material may be identified as exam material when appropriate. All material covered in class, readings, slides are considered fair game for tests.

*In-class tests* will consist of written tests designed to measure students’ knowledge and understanding of course material. Exam questions will consist of primarily of short-answer questions and include some problems and essay-type questions.

*Online tests:* Once you begin a test, you will be given a certain amount of time, depending on its length, to complete it. You can take the test at any time during the test period. Note that you are allowed only ONE attempt per test so please make sure you study the course material thoroughly before you begin and can devote sufficient time to complete the test. Please note that each test will be only available for a limited time. If you cannot finish a test because of factors outside of your control such as a blackout or computer crash, you may ask the instructor for only one other chance to take the test only if fewer than 50% of the questions have been answered. For all other cases, including situations where the instructor is not able to re-set your test (because the request came too close to the deadline) your grade will be prorated based on your performance on the portion of the test completed. As an example, if you manage to complete 60% of the test when something prevents you from going any further and you got 70% on the questions you answered, your score will be 70% on the entire test.

2. Modern Portfolio Theory (MPT) Project: There will be one project on the application of portfolio theory. Due time is Sunday, February 25th at midnight. See more details in the MPT handout.

3. (Optional) Stocktrak simulation Trading: You play with fake money but real stocks at STOCKTRAK simulation. Start trading and have fun! You can check on your performance, transaction history and your ranking as compared to other players of the game at any time. Trading will begin on Monday, February 26th and end on Friday, April 20th. See more details in the Stocktrak handout.

4. Assignments and Quizzes: At the discretion of the instructor, there may be various pop-quizzes, homework assignments. These activities are intended to supplement and reinforce course material. A student may be responsible for completing an activity in or outside of class.

   **Connect Plus™ registration:**
   To take quizzes and homework assignments at Connect Finance, register via “M-H Connect” on Canvas course navigation menu.
Exam & Assignment policy:
Exams and quizzes should be taken as scheduled; assignments should be submitted by the due date.
No makeup examinations, quizzes, or assignments will be allowed except for documented emergencies (official evidence documents are required). The student should make every effort to contact the instructor prior to the exam. All requests for make-up or accommodation made after the due date for an assignment or deadline for a test will be rejected without any further consideration.

WARNING:
Attempts to change your grade at the end of the semester by asking the instructor to “round up” or by asking for further extra credit will be ignored.

Grading Matrix:

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Value (points or percentages)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Tests</td>
<td>3 tests with 100 points each (only 2 of the 3 tests will count)</td>
<td>200</td>
</tr>
<tr>
<td>MPT Project</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Quizzes</td>
<td>6 quizzes with 20 points each (only 5 of the 6 quizzes will count)</td>
<td>100</td>
</tr>
<tr>
<td>Stocktrak trading report</td>
<td>Bonus 30 points</td>
<td></td>
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<tr>
<td>Total possible points:</td>
<td></td>
<td>400</td>
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</tbody>
</table>

To determine your course grade percentage, take the total number of points that you earned (including 2 highest tests, MPT project, 5 highest Quizzes, and bonus points), then divide that number by the number of total possible points, i.e. 400.

Grade Determination:
A = 90% or better
B = 80 – 89 %
C = 70 – 79 %
D = 60 – 69 %
F = less than 60%

Canvas Access
All class materials, course grades, and class announcements will be posted by Canvas. To access our course, visit uttyler.edu/canvas. You are encouraged to participate in Canvas 101, a practice course designed specifically for UT Tyler students to learn and refine Canvas skills. You can practice submitting assignments, participating in quizzes, customize your profile and notifications, plus get collaboration and Canvas tips.

Important points when using Canvas:

1. Login using UT Tyler credentials. Contact itsupport@uttyler.edu for login assistance.
2. Use the HELP button at the bottom left corner of Canvas if you need assistance 24/7.
3. Reference your Student Canvas Guide for additional resources.

If you have issues with Canvas access that may hinder your completion of course assignments or quizzes, you must contact UT Tyler’s IT Support staff immediately (even on weekends) and get a ticket number. You must also inform the instructor of the issue BEFORE the due date for the assignment or
Claims of Canvas access problems without a ticket number or ones reported to the instructor after the passing of the deadline will be dismissed without any further consideration. Deadlines may be extended only in case of Canvas system-wide issues reported by the university. All other Canvas-related issues are regarded as personal-level access issues and you must get them resolved without letting them interfere with your coursework. Personal-level access issues are not valid reasons to ask for deadline extension.

**Course Outline**

This schedule is subject to change by the instructor. Over the course of the semester, activities and items may be added, removed, or rescheduled in order to provide more information, improve accuracy, enhance learning, or correct errors. Any changes to this schedule will be communicated by instructions in class, announcements in Canvas, and/or Canvas email to students.

<table>
<thead>
<tr>
<th>TOPICS</th>
<th>TIMELINE</th>
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<tbody>
<tr>
<td>Introduction and syllabus</td>
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</tr>
<tr>
<td>Modern Portfolio Theory (MPT) (Ch. 5, 6, 7, 8)</td>
<td>Week 1: 01/16/18</td>
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<tr>
<td>Lecture for MPT Project (Ch. 5, 6, 7, 8)</td>
<td>Week 2: 01/22/18</td>
</tr>
<tr>
<td>Lecture for MPT Project (Ch. 5, 6, 7, 8)</td>
<td>Week 3: 01/29/18</td>
</tr>
<tr>
<td>Lecture for MPT Project (Ch. 5, 6, 7, 8)</td>
<td>Week 4: 02/05/18</td>
</tr>
<tr>
<td>Lecture for MPT Project (Ch. 5, 6, 7, 8)</td>
<td>Week 5: 02/12/18</td>
</tr>
<tr>
<td>Lecture for MPT Project (Ch. 5, 6, 7, 8)</td>
<td></td>
</tr>
<tr>
<td><strong>MPT Project due on Sunday, February 25th midnight</strong></td>
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<tr>
<td>Complete registration for Connect Plus™</td>
<td>Week 6: 02/19/18</td>
</tr>
<tr>
<td>Complete registration for Stocktrak™ simulation (optional)</td>
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<tr>
<td>Chapter 12: Behavioral Finance and Technical Analysis</td>
<td>Week 7: 02/26/18</td>
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<tr>
<td>Stocktrak Trading (Investment Strategies, Options Trading Strategies)</td>
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<tr>
<td><strong>Stocktrak Trading will begin on Monday, February 26th</strong></td>
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<tr>
<td>Chapter 17: Macroeconomic and Industry Analysis</td>
<td>Week 8: 03/05/18</td>
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<tr>
<td><strong>Spring Break</strong></td>
<td>Week 9: 03/12/18</td>
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<tr>
<td><strong>Test 1: Chapters 12, 17</strong></td>
<td>Week 10: 03/19/18</td>
</tr>
<tr>
<td>Chapter 16: Managing Bond Portfolios</td>
<td>Week 11: 03/26/18</td>
</tr>
<tr>
<td>Chapter 21: Option Valuation</td>
<td>Week 12: 04/02/18</td>
</tr>
<tr>
<td><strong>Test 2: Chapters 16, 21</strong></td>
<td>Week 13: 04/09/18</td>
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<tr>
<td>Chapter 23: Futures, Swaps, and Risk Management</td>
<td>Week 14: 04/16/18</td>
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<tr>
<td><strong>Stocktrak Trading will end on Friday, April 20(^{\text{th}})</strong></td>
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<tr>
<td>Chapter 24: Portfolio Performance Evaluation</td>
<td>Week 15: 04/23/18</td>
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<tr>
<td><strong>Stocktrak Trading report will due at midnight on Sunday, April 29(^{\text{th}})</strong></td>
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<tr>
<td><strong>Test 3: Chapters 23, 24</strong></td>
<td>Week 16: 04/30/18</td>
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**College of Business Statement of Ethics**
The ethical problems facing local, national and global business communities are an ever-increasing challenge. It is essential the College of Business and Technology help students prepare for lives of personal integrity, responsible citizenship, and public service. In order to accomplish these goals, both students and faculty of the College of Business and Technology at The University of Texas at Tyler will:

- Ensure honesty in all behavior, never cheating or knowingly giving false information.
- Create an atmosphere of mutual respect for all students and faculty regardless of race, creed, gender, age or religion.
- Develop an environment conducive to learning.
- Encourage and support student organizations and activities.
- Protect property and personal information from theft, damage and misuse.
- Conduct yourself in a professional manner both on and off campus.

**UNIVERSITY POLICIES AND ADDITIONAL INFORMATION THAT MUST APPEAR IN EACH COURSE SYLLABUS**

Syllabus Policy links:

- [www.uttyler.edu/writingcenter/](http://www.uttyler.edu/writingcenter/)
- [https://owl.english.purdue.edu/owl](https://owl.english.purdue.edu/owl)