

RECEIVED

OCT 24 2014

OFFICE OF THE
SENATE COUNCIL**1. General Information**

1a. Submitted by the College of: BUSINESS AND ECONOMICS

Date Submitted: 8/20/2014

1b. Department/Division: Finance

1c. Contact Person

Name: Kristine Hankins

Email: kristine.hankins@uky.edu

Phone: 859-257-7726

Responsible Faculty ID (if different from Contact)

Name:

Email:

Phone:

1d. Requested Effective Date: Semester following approval

1e. Should this course be a UK Core Course? No

2. Designation and Description of Proposed Course

2a. Will this course also be offered through Distance Learning?: No

2b. Prefix and Number: FIN 630

2c. Full Title: Financial Modeling and Analysis

2d. Transcript Title:

2e. Cross-listing:

2f. Meeting Patterns

LECTURE: 1

2g. Grading System: Letter (A, B, C, etc.)

2h. Number of credit hours: 3

2i. Is this course repeatable for additional credit? No

If Yes: Maximum number of credit hours:

If Yes: Will this course allow multiple registrations during the same semester?

2j. Course Description for Bulletin: This course provides students with the skills necessary to apply modern financial theories to real world applications in both corporate finance and investments. Students will get hands-on experience implementing models from areas such as capital budgeting, financial planning, and asset valuation.

2k. Prerequisites, if any: None

2l. Supplementary Teaching Component:

3. Will this course taught off campus? No

If YES, enter the off campus address:

4. Frequency of Course Offering: Summer,

Will the course be offered every year?: Yes

If No, explain:

5. Are facilities and personnel necessary for the proposed new course available?: Yes

If No, explain:

6. What enrollment (per section per semester) may reasonably be expected?: 35

7. Anticipated Student Demand

Will this course serve students primarily within the degree program?: Yes

Will it be of interest to a significant number of students outside the degree pgm?: No

If Yes, explain:

8. Check the category most applicable to this course: Traditional – Offered in Corresponding Departments at Universities Elsewhere,

If No, explain:

9. Course Relationship to Program(s).

a. Is this course part of a proposed new program?: Yes

If YES, name the proposed new program: Masters of Finance

b. Will this course be a new requirement for ANY program?: No

If YES, list affected programs:

10. Information to be Placed on Syllabus.

a. Is the course 400G or 500?: No

b. The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable, from **10.a** above) are attached: Yes

Distance Learning Form

Instructor Name:

Instructor Email:

Internet/Web-based: No

Interactive Video: No

Hybrid: No

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations?

2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc.

3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic offense policy; etc.

4. Will offering this course via DL result in at least 25% or at least 50% (based on total credit hours required for completion) of a degree program being offered via any form of DL, as defined above?

If yes, which percentage, and which program(s)?

5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting?

6. How do course requirements ensure that students make appropriate use of learning resources?

7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.

8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Information Technology Customer Service Center (<http://www.uky.edu/UKIT/>)?

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)? NO

If no, explain how student enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.

10. Does the syllabus contain all the required components? NO

11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

Instructor Name:

SIGNATURE|MKT210|Steven J Skinner|FIN 630 NEW College Review|20140903

SIGNATURE|ZNNIKO0|Roshan N Nikou|FIN 630 NEW Graduate Council Review|20141024

Courses Request Tracking

New Course Form

<https://myuk.uky.edu/sap/bc/soap/rfc?services=>

[Open in full window to print or save](#)

Generate R

Attachments:

Browse...

Upload File

	ID	Attachment
Delete	3571	Fin630_syllabus.pdf
<input type="button" value="First"/> 1 <input type="button" value="Last"/>		

Select saved project to retrieve...

Get New

(*denotes required fields)

1. General Information

- a. * Submitted by the College of: Submission Date: 8/20/2014
- b. * Department/Division:
- c.
 - * Contact Person Name: Email: Phone:
 - * Responsible Faculty ID (if different from Contact): Email: Phone:
- d. * Requested Effective Date: Semester following approval OR Specific Term/Year ^L
- e. Should this course be a UK Core Course? Yes No
 If YES, check the areas that apply:
 - Inquiry - Arts & Creativity Composition & Communications - II
 - Inquiry - Humanities Quantitative Foundations
 - Inquiry - Nat/Math/Phys Sci Statistical Inferential Reasoning
 - Inquiry - Social Sciences U.S. Citizenship, Community, Diversity
 - Composition & Communications - I Global Dynamics

2. Designation and Description of Proposed Course.

- a. * Will this course also be offered through Distance Learning? Yes ^L No
- b. * Prefix and Number:
- c. * Full Title:
- d. Transcript Title (if full title is more than 40 characters):
- e. To be Cross-Listed ² with (Prefix and Number):
- f. * Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours³ for each meeting pattern type.

<input type="text" value="1"/> Lecture	<input type="text"/> Laboratory ¹	<input type="text"/> Recitation	<input type="text"/> Discussion
<input type="text"/> Indep. Study	<input type="text"/> Clinical	<input type="text"/> Colloquium	<input type="text"/> Practicum
<input type="text"/> Research	<input type="text"/> Residency	<input type="text"/> Seminar	<input type="text"/> Studio
<input type="text"/> Other			

 If Other, Please explain:
- g. * Identify a grading system:
 - Letter (A, B, C, etc.)
 - Pass/Fail
 - Medicine Numeric Grade (Non-medical students will receive a letter grade)
 - Graduate School Grade Scale
- h. * Number of credits:
- i. * Is this course repeatable for additional credit? Yes No
 If YES: Maximum number of credit hours:
 If YES: Will this course allow multiple registrations during the same semester? Yes No

j. * Course Description for Bulletin:

This course provides students with the skills necessary to apply modern financial theories to real world applications in both corporate finance and investments. Students will get hands-on experience implementing models from areas such as capital budgeting, financial planning, and asset valuation.

k. Prerequisites, if any:

None

l. Supplementary teaching component, if any: Community-Based Experience Service Learning Both3. * Will this course be taught off campus? Yes No

If YES, enter the off campus address:

4. Frequency of Course Offering.

a. * Course will be offered (check all that apply): Fall Spring Summer Winter

b. * Will the course be offered every year? Yes No

If No, explain:

5. * Are facilities and personnel necessary for the proposed new course available? Yes No

If No, explain:

6. * What enrollment (per section per semester) may reasonably be expected? 35

7. Anticipated Student Demand.

a. * Will this course serve students primarily within the degree program? Yes No

b. * Will it be of interest to a significant number of students outside the degree pgm? Yes No

If YES, explain:

8. * Check the category most applicable to this course:

Traditional -- Offered in Corresponding Departments at Universities Elsewhere

Relatively New -- Now Being Widely Established

Not Yet Found in Many (or Any) Other Universities

9. Course Relationship to Program(s).

a. * Is this course part of a proposed new program? Yes No

If YES, name the proposed new program:

Masters of Finance

b. * Will this course be a new requirement ⁵ for ANY program? Yes No

If YES⁵, list affected programs::

10. Information to be Placed on Syllabus.

a. * Is the course 400G or 500? Yes No

If YES, the *differentiation for undergraduate and graduate students must be included* in the information required in 10.b. You must include: (i) identify additional assignments by the graduate students; and/or (ii) establishment of different grading criteria in the course for graduate students. (See SR

b. * The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable above) are attached.

¹³ Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.

¹⁴ The chair of the cross-listing department must sign off on the Signature Routing Log

FIN 630
Financial Modeling and Analysis

Instructor: Mark H. Liu
Office Address: Mandrell Hall 218
Email: mark.liu@uky.edu
Office Phone: (859) 257-9842
Office hours: Tuesday & Thursday 1-2pm

Course Description:

This course provides students with the skills necessary to apply modern financial theories to real world applications in both corporate finance and investments. Students will get hands-on experience implementing models from areas such as capital budgeting, financial planning, and asset valuation.

Prerequisites:

None.

Student Learning Outcomes:

After completing this course, the student will be able to:

1. Calculate a firm or project cost of capital
2. Prepare business valuations
3. Calculate portfolio returns and variances
4. Compare lease versus purchase decisions

Required Materials:

Simon Benninga's Principles of Finance with Excel, Second edition.

Description of Course Activities and Assignments

The focus of this class is the application of financial modeling tools. To this end, regular individual projects and quizzes as well as a final cumulative project will be required.

Projects: Approximately every two weeks, you will turn in the projects, which we begin in class together and you complete at home. These assignments are to be completed individually, though you may ask your classmates and your professor for general guidance. Sharing files is a form of plagiarism and will be treated accordingly. Please see the University guidelines regarding Academic Integrity on pages 3 and 4.

Quizzes: In-class quizzes will be administered approximately every two weeks. These quizzes will have a short multiple choice conceptual component, followed by a direct financial modeling application to be completed in class. Absolutely no make-up quizzes will be given except for documented excused University absences. The student should notify the instructor before the quiz if it will be missed (if possible) and must provide a documented excuse (as defined in Student Rights and Responsibilities and on this syllabus) to the instructor.

Final project: You will have a final, cumulative project that will be due the last day of class. The project will include both business valuation and personal finance calculations and will require comparable firm or project research to support your modeling assumptions.

Point Summary

	# of Assignments	Points per Assignment	Total Points	Total Weight
Projects	7	3	21	21%
Quizzes	7	9	63	63%
Final Project	1	16	16	16%
<i>Total:</i>			100 points	100%

Grading Scale

90-100% = A;
80 - 89% = B;
70 - 79% = C;
<70% = E

Course Policies:

Submission of Assignments:

All projects - including the final project - must be emailed to the instructor by midnight Eastern Standard Time of the due date. Late work will only be accepted for documented university approved excused absences.

Attendance Policy.

Students are expected to attend and participate in class unless they have a university approved excused absence.

Excused Absences:

Students need to notify the professor of absences prior to class when possible. S.R. 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit "reasonable cause for nonattendance" by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Information regarding dates of major religious holidays may be obtained through the religious liaison, Mr. Jake Karnes (859-257-2754).

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused or unexcused) per university policy.

Verification of Absences:

Students may be asked to verify their absences in order for them to be considered excused.

Senate Rule 5.2.4.2 states that faculty have the right to request "appropriate verification" when students claim an excused absence because of illness or death in the family. Appropriate notification of absences due to university-related trips is required prior to the absence.

Academic Integrity:

Per university policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the university may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: <http://www.uky.edu/Ombud>. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Part II of *Student Rights and Responsibilities* (available online <http://www.uky.edu/StudentAffairs/Code/part2.html>) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about the question of plagiarism involving their own work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgement of the fact, the students are guilty of plagiarism. Plagiarism includes reproducing someone else's work, whether it be a published article, chapter of a book, a paper from a friend or some file, or something similar to this. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be.

Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone. When a student's assignment involves research in outside sources of information, the student must carefully acknowledge exactly what, where and how he/she employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain (Section 6.3.1).

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

Accommodations due to disability:

If you have a documented disability that requires academic accommodations, please see me as soon as possible. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address: jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

Tentative Course Schedule

Below is a tentative schedule for this course. Please note that all dates are subject to change and are dependent upon the speed at which the material is covered in class as well as unforeseeable events.

Date	Topic
Week 1: August 28	Course Outline and Discussion of Syllabus
Week 2: September 2 September 4	Topic 1: Introduction (PFE Ch1) Topic 2: Intro to Excel (PFE Ch24&Ch27)
Week 3: September 9 September 11	Topic 3: Graphs and Charts in Excel (PFE Ch25; Project 1 due) Quiz 1
Week 4: September 16 September 18	Topic 4: Time Value of Money (PFE Ch2) Topic 5: Understanding IRR (PFE Ch3; Project 2 due)
Week 5: September 23 September 25	Quiz 2 Topic 6: Capital Budgeting (PFE Ch4)
Week 6: September 30 October 2	Topic 7: Issues in Capital Budgeting (PFE Ch5; Project 3 due) Quiz 3
Week 7: October 7 October 9	Topic 8: Choosing a Discount Rate (PFE Ch6) Topic 9: Financial Planning Models and Valuation (PFE Ch7)
Week 8: October 14 October 16	Continue on Topic 9 (PFE Ch7) Quiz 4
Week 9: October 21 October 23	Topic 10: What is risk? (PFE Ch8; Project 4 due) Topic 11: Statistics for Portfolios (PFE Ch9)
Week 10: October 28 October 30	Quiz 5 Topic 12: Portfolio Returns and Efficient Frontier (PFE Ch10)

Week 11:		
	November 4	Continue on Topic 12 (PFE Ch10; Project 5 due)
	November 6	Topic 13: CAPM and SML (PFE Ch11)
Week 12:		
	November 11	Quiz 6
	November 13	Topic 14: Performance Measurement (PFE Ch12)
Week 13:		
	November 18	Topic 15: SML and Cost of Capital (PFE Ch13; Project 6 due)
	November 20	Topic 16: Bond Valuation (PFE Ch15)
Week 14:		
	November 25	Quiz 7
	November 27	Thanksgiving - No Class
Week 14:		
	December 2	Topic 17: Stock Valuation (PFE Ch16)
	December 4	Continue on Topic 17 (PFE Ch16; Project 7 due)
Week 15:		
	December 9	Review Session
	December 11	Final project due