

FIN 315 Financial Analysis Using Electronic Spreadsheets - DEAdd-2015-10-19

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Form Information



First Step: Change the text in the [brackets] so it looks like this: **CRIM 101 Intro to Criminology-DEAdd-2015-08-10**

Second Step: Click save on bottom right

Third Step: Make sure the word "**DRAFT**" is in yellow at the top of the proposal

Fourth Step: Click on **EDIT CONTENTS** and start completing the template. When exiting or done, click save on bottom right

When ready to submit click on the workflow icon and hit approve. It will then move to the chair as the next step in the workflow.

Please direct any questions to curriculum-approval@iup.edu

**Indicates a required field*

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Contact Person*	Daniel Lawson	Contact Email*	dlawson@iup.edu
Proposing Department/Unit*	Finance and Legal Studies	Contact Phone*	724-357-5767

Course Level*	undergraduate-level
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Distance Education Section

- Complete this section only if adding Distance Education to a New or Existing Course

Course Prefix /Number*	FIN 315
Course Title*	Financial Analysis Using Electronic Spreadsheets
Type of Proposal*	<i>See CBA, Art. 42.D.1 for Definition</i> online

Brief Course Outline*

Give an outline of sufficient detail to communicate the course content to faculty across campus. It is not necessary to include specific readings, calendar or assignments

As outlined by the federal definition of a "credit hour", the following should be a consideration regarding student work - For every one hour of classroom or

direct faculty instruction, there should be a minimum of two hours of out of class student work.

Develop the financial students' computer modeling and analysis skills. Students will be taught to utilize electronic spreadsheet software to analyze, model and solve a variety of financial problems.

COURSE OUTLINE:**Time Value of Money in Microsoft Excel**

- Chapter 1: Single and Multiple Cash Flows
- Chapter 2: Annuities
- Chapter 3: NPV Using Constant Discounting
- Chapter 4: NPV Using General Discounting
- Chapter 5: Loan Amortization

Valuation in Microsoft Excel

- Chapter 7: Bond Valuation
- Chapter 9: Stock Valuation
- Chapter 10: Firm and Project Valuation
- Chapter 11: The Yield Curve

Capital Budgeting in Microsoft Excel

- Chapter 14: Project NPV
- Chapter 15: Cost-Reducing Project
- Chapter 16: Break-Even Analysis

Financial Planning in Microsoft Excel

- Chapter 17: Corporate Financial Planning
- Chapter 18: DuPont System on Ratio Analysis
- Chapter 19: Life-Cycle Financial Planning

Rationale for Proposal (Required Questions from CBA)

<p>How is/are the instructor(s) qualified in the Distance Education delivery method as well as the discipline?*</p>	<p>Dr. Lawson has a Ph.D. in Finance and has been teaching FIN 315 or its predecessor at IUP since 2014. Dr. Lawson has been teaching online courses at IUP and his previous school (Gonzaga University) for seven years, including FIN 310.</p>
<p>For each outcome in the course, describe how the outcome will be achieved using Distance Education technologies.*</p>	<p>Course Objectives</p> <ol style="list-style-type: none"> 1) Students will learn specific applications of financial statement analysis, cash flow analysis, forecasting, capital budgeting, and risk management in Excel. 2) Students will develop spreadsheet skills by building spreadsheet templates to solve various financial problems. 3) Students' understanding and use of financial analysis will be enhanced. 4) Students will be able to demonstrate their knowledge and understanding of the financial analysis using electronic spreadsheets (Excel). <p>For course objective 1, students will utilize a book specifically designed for Excel modeling in finance, which includes homework problems and projects with financial statement analysis, cash flow analysis, forecasting, capital budgeting and risk management. Students will apply finance concepts presented in instructor powerpoints and video lectures to complete daily homework problems in Excel, weekly projects and timed tests. Additionally, discussion topics will be posted and student participation will be required.</p> <p>For course objective 2, the hands-on approach of this course (i.e., constantly working in Excel for every topic and exercise) will require students to become proficient in creating spreadsheet templates. The course will begin with basic financial problems dealing with time-value-of-money and build up to more advanced financial problems such as firm valuation. The progression of difficulty will require the student to build on their Excel knowledge base and skills with spreadsheets.</p> <p>For course objective 3, students will be expected to read the appropriate chapters in the textbook, review the powerpoint presentations and instructor video lectures, and complete topic specific homework, projects and timed tests. The completion of homework, projects and tests will attest to the students' understanding and successful use of financial analysis.</p> <p>For course objective 4, the results of the homework, projects and tests will be posted online. Student success in these graded areas will demonstrate competency in using Excel for financial analysis.</p>
<p>How will the instructor-student and student-student interaction take place?*(if applicable)</p>	<p>Interaction between student and instructor will take place through email and discussion boards (D2L). Discussion Forums will be created for each chapter and will center around current projects, e.g., in Chapter 5, students will be work on a mortgage amortization schedule and there will be a discussion forum titled Amortization Discussion where the students and instructor converse. Additionally, daily emails will be sent to students regarding the current project under way and their overall course status. The daily emails will also indicate forthcoming topics and projects and and the location of appropriate resources. Email and discussion boards will constantly be reviewed throughout the course and the instructor will designate specific time ranges where students can expect lengthier and expedient dialogues, e.g., the students will know that between 10am-12pm and 6-8pm the instructor will be on the computer ready to respond to emails or questions on the discussion board.</p>
<p>How will student achievement be evaluated?</p>	<p>Student achievement will be evaluated using daily homework, two major excel projects and three timed tests. In addition, students will be required to participate in online discussions.</p>
<p>How will academic honesty for tests and assignments be addressed?*</p>	<p>Homework and projects will consist of original content created by the instructor of this course. Multiple versions of questions and data supplied for analysis will be given to prevent copying, e.g., students will be required to create a loan amortization schedule for a mortgage. In this case, the instructor will create different loan problems with varying interest rates, loan amounts and lengths. The course will also include three timed tests.</p>