



# Lincoln University

## BA 367 – Credit Risk Management

### COURSE SYLLABUS Spring 2019

- Instructor:** Prof. Albert Loh  
**Lecture Schedule:** Wednesday, 12:30 PM – 3:15 PM  
**Credits:** 3 units / 45 hours of lectures  
**Level:** Mastery 2 (M2)  
**Office Hours:** Monday, Wednesday, 11:45 AM - 12:30 PM, or by appointment  
**e-mail:** [aloh@lincolnuca.edu](mailto:aloh@lincolnuca.edu)  
**Textbook:** The Handbook of Credit Risk Management: Originating, Assessing, and Managing Credit Exposures, by Bouteillé and Coogan-Pushner. December 2012. ISBN-13: 978-1118300206 ISBN-10: 1118300203.  
**Tools:** A basic handheld calculator is required. **Mobile device calculator will not be allowed.** Supplemental materials (such as periodical, article, or case study) will be provided in class.  
**Prerequisite:** BA 303  
**Last Revision:** January 2, 2019

### CATALOG DESCRIPTION

Credit risk is the risk of financial losses in the event of a default. Defaults arise from an inability to meet timely financial obligations. This course introduces students to what credit risk management is (from origination to assessment to mitigation to recovery), what the lending and credit selection process is, how to measure and manage credit risk, and what the common risk management models are. (3 units)

*Prerequisite: BA 303*

### EDUCATIONAL OBJECTIVES

This is an introductory course to credit risk management and it is not designed to teach programming skills. The asset side of the balance sheet is supported by a capital structure consisting of both liabilities and equity. Each industry will have a unique composition of debt and equity based on nature of the industry business. In this course, we will focus on the management of credit risk, which arises from the use of short- and long-term debt. The management of credit risk portfolio encompasses 4 sequential steps. The first step is origination, which is then followed by assessment and portfolio management. The final step is mitigation and transfer of credit risks. At the end of the course, you would understand the fundamentals of credit risk and learn the tools available to manage it.

**COURSE LEARNING OUTCOMES<sup>1</sup>**

<b>Course LO</b>	<b>Program LO</b>	<b>Institution LO</b>	<b>Assessment activities</b>
An understanding of the elements of credit risk.	PLOs 1, 2, 6	ILO 1b, 2b	Closed-book exam.
Theory and tools of credit risk management.	PLOs 1, 2	ILO 1b, 2b	Closed-book exam.
Credit risk measurement and consumer credit scoring system.	PLOs 1, 2	ILO 1b, 2b	Closed-book exam.
Credit portfolio management and value at risk	PLOs 1, 2	ILO 1b, 2b	Closed-book exam.
Application of ratio analysis to predict financial distress.	PLOs 1, 2	ILO 1b, 2b	Closed-book exam.
Exposure mitigation and credit derivatives.	PLOs 1, 2	ILO 1b, 2b	Closed-book exam.

**INSTRUCTIONAL METHODS**

*This is a direct classroom instruction course.*

The course will be conducted in the form of lectures and discussions on each topic shown in the class schedule below.

Assignments and projects require students to actively use resources of the library. Detailed guide to business *resources of the library* as well as the description of Lincoln University approach to *information literacy* are available at the [Center for Teaching and Learning](http://ctl.lincolnuca.edu) website (ctl.lincolnuca.edu).

**COURSE REQUIREMENTS AND EVALUATION**

***The class will not begin until all mobile devices are removed and kept away from the student's desk.***

While in class, students are expected to conduct themselves in a professional manner. Professionalism includes regular attendance, participation in class discussions, civil conduct, and ethical behavior, etc. If a student is observed coming to class late often, being disrespectful to peers, texting or using mobile devices, or carrying on personal conversations during lecture, the professionalism portion of the grade will be reduced based on a demerit system. The course begins with each student having the full 50 points. Any absence after the last day to drop a class and/or tardiness without valid reasons greater than 3 times will result in 5 points deduction,

<sup>1</sup> Detailed description of learning outcomes and information about the assessment procedure are available at the [Center for Teaching and Learning](http://ctl.lincolnuca.edu) website (ctl.lincolnuca.edu).

respectively. Behavioral offenses such as texting, using of mobile devices, or engaging in disorderly conduct in spite of reminder or warning will result in 10 points deduction.

### **Homework assignment:**

Every student needs to read the PowerPoint Slides according to the syllabus timetable in preparation for the upcoming class session.

Higher education is about learning how to learn. So, in acquiring new knowledge, always pay attention to the learning objectives of each chapter or topic. In addition, you will enhance your understanding by solving the chapter problems to be assigned in class. Of course, you are welcome to bring questions to class for discussion by reading ahead of each classroom lecture. Achievement is assured when done repetitively.

### **GRADING POLICY**

Your performance in this course will be evaluated under the following model:

Mid-Exam	150 points	A = 361 – 400
Final Exam	200 points	B = 301 - 360
Professionalism:	50 points	C = 241 - 300
<b>Total</b>	<b>400 points</b>	D = 201 - 240
		F = < 200

The mid-term and final exams include open-ended, multiple choice, or both types of questions and problems that are similar to the term assignments. They are designed to test both theory and problem solving. There will be NO “make-up credit” or “extra credit” work during and after the semester. The instructor reserves the right to modify the grading system based on class performance and notification to the students about any change during the semester. You are responsible for keeping apprised of any change in syllabus. If you plan to be sick on exam days, please do the exam a day earlier before getting sick.

The key to success in this course is communication and interaction. Thus, we will have to work as a team. First, we will create a positive learning environment where everyone can participate without fear. Second, relevant reading and problem assignments will be presented and discussed in class. When in doubt, ask.

### **Scholastic Dishonesty**

Scholastic dishonesty will not be tolerated. Students who violate rules of academic dishonesty are subject to disciplinary penalties, including failure in the course and/or other actions from the University.

**PROPOSED CLASS SCHEDULE**

<b>Date</b>	<b>Topics</b>
Jan 16	Course introduction with review on Financial Statement and Ratio Analysis
Jan 23	Chapter 1: Fundamentals of Credit Risk
Jan 30	Chapters 2 & 3: Governance and Origination of Credit Risk
Feb 6	Chapters 4 & 5: Credit Risk Measurement and Dynamic Exposure
Feb 13	Chapters 6 & 7: Fundamental of Credit Analysis and Alternative Estimations
Feb 20	Chapters 7 & 8: Securitization
Feb 27	Special topic: FICO Education & Exam Review
<b>Mar 6</b>	<b>Mid-term Exam</b>
Mar 20	Chapters 9 & 10: Credit Portfolio Management & Economic Capital & Credit Value at Risk
Mar 27	Special topics: Accounting implications for credit risk
Apr 3	Chapters 13 & 14: Risk Mitigation
Apr 10	Special topics: Altman's Ratio Analysis, Credit Default Swap, and Letter of Credit and Surety Bond as credit insurance (Chapter 15).
Apr 17	Chapter 18: Bankruptcy and Presentation by BA467
Apr 24	Exam Review and Study
<b>May 1</b>	<b>2-hour Comprehensive Exam (Personal Notes)</b>

**Addendum: Supplemental Course Materials**

The PowerPoint slides are designed to give students a head start in learning course materials in a concise and coherent fashion. They are not intended to substitute, but complement, the textbook and classroom lectures. Don't just read; you need to absorb and understand the body of knowledge through a synthesis of critical thinking and problem solving skills. Thus, attending classroom lectures and completing exercises and assignments are critical to your success.