



COURSE SYLLABUS			
COURSE INFORMATION			
Course Code:	BIS501	Level:	Postgraduate
		Credit:	3
Course Title: Introduction to Programming and Data Analysis			
PREREQUISITE			
N/A			
COURSE OVERVIEW			
This course is designed for students with no prior programming experience. This course introduces fundamental concepts of programming and data analysis. Topics included data types, control structures, functions, arrays, files, object-oriented programming, data structure, data wrangling, data plotting and visualization.			
LEARNING OUTCOME			
Upon successful completion of this course, students should be able to:			
<ol style="list-style-type: none"> 1. Understand the key concepts of programming and data science. 2. Apply basic object-oriented concepts such as classes, instances and methods. 3. Read and analyze code written by others. 4. Understand the importance of algorithm to solve a problem, to translate the design into a working program. 5. Apply techniques for testing and debugging. 6. Learn software testing and software development strategies. 			
CLASS HOURS			
Total Program Duration:	3 Weeks in Total		
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)		
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)		
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)		
LEARNING RESOURCES			
Required Textbook			
Textbook: There is no textbook for this course but the following books and links may be useful. Zelle, J. (2016). <i>Python Programming: An Introduction to Computer Science</i> , 3rd Edition. Franklin, Beedle & Associates. Gaddis, T. (2015). <i>Starting Out with Python</i> . Pearson.			
Reference Books & Online Resources			
N/A			
Suggested Textbook			
N/A			
Other Teaching Methods			
N/A			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Introduction to the Course and Python Programming Input, Processing, Output Data types and Variable	Lecture slides
	2	Decision Structures and Boolean Logic Repetition Structures	Lecture slides



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Course Code:	BIS501	Level:	Postgraduate
		Credit:	3
Course Title:	Introduction to Programming and Data Analysis		
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	3	Functions Files and Exceptions	Lecture slides
	4	Lists and Tuples Dictionaries and Sets	Lecture slides
	5	Classes and Object-Oriented Programming	Lecture slides
2	1	Data structures, testing and software development strategies Introduction to Pandas Data Loading, Storage & File Format	Lecture slides
	2	Data Wrangling: Clean, Transform, Merge, Reshape	Lecture slides
	3	Plotting and Visualization I	Lecture slides
	4	Plotting and Visualization II	Lecture slides
	5	Quiz Deadline: Group Assignment	
3	1	Introduction to Web APIs Accessing data- Web APIs	Lecture slides
	2	Using APIs	Lecture slides
	3	Building APIs	Lecture slides
	4	Revision	
	5	Final Exam	
ASSESSMENT			
Assessment Task			Percent (%)
Attendance/Participation			10%
Group Assignment			30%
Quiz			20%
Final Exam			40%
Total			100%



COURSE INFORMATION										
Course Code: BIS501	Level: Postgraduate	Credit: 3								
Course Title: Introduction to Programming and Data Analysis										
DETAILS ON GRADE COMPONENTS										
<p>Class Attendance and Participation Class lectures will be a mix of traditional lectures and time spent working together on applications and exercises. To free up more time for working through problems together, students should read the relevant chapter before coming to the class. Discussion sessions will be used to allow students to clarify their understanding of the topics from the lecture and textbook. If students miss more than 5 classes and did not receive permission from the instructor, they will automatically get a letter grade of F for this class, which is a failing grade. If a student has to miss class due to some personal emergencies or family issues, he/she should inform the TA or the instructor to get permission immediately. And students are held responsible for the class materials and homework for the class they will miss. Class participation is highly encouraged by the instructor, and the instructor will provide opportunities for the students to participate during the class period. Students should read all assigned reading materials to be well prepared for discussion.</p> <p>Group Programming Assignment (4 students per group) Topics will be provided to you, however, you can select your own topic based on approval by your lecturer. This assignment will assess your design, documentation, testing, functional implementation and presentation skills. The group is expected to work as a team. All the group members MUST involve in group discussion, contribute to the overall quality of the group report. Any evidence of students freeloading within a group will get Zero. More detailed assessment guidelines will be provided in class.</p> <p>Quiz The quiz will be held at the end of 2nd week. Lecture slides from day 1 to 9 will help students prepare for the test.</p> <p>Final Exam Final exam will assess your practical skills and theoretical skills Revision of the course content, participation in class activities, and successful completion of the assessment activities throughout the semester will help you to prepare for the exam. Question type: 1. MCQs 2. Short answers 3. Problem-solving Detailed information on the final exam will be provided by the lecturer in class</p>										
COURSE GRADING										
Upon completion of this course, you receive a final grade. The final grade is a letter grade that carries with it a numerical value, as outlined below.										
	<table border="1"> <thead> <tr> <th>Grade</th> <th>Percentage %</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>80-100</td> </tr> <tr> <td>B</td> <td>70-79</td> </tr> <tr> <td>C</td> <td>60-69</td> </tr> </tbody> </table>	Grade	Percentage %	A	80-100	B	70-79	C	60-69	
Grade	Percentage %									
A	80-100									
B	70-79									
C	60-69									



COURSE INFORMATION		
Course Code: BIS501	Level: Postgraduate	Credit: 3
Course Title: Introduction to Programming and Data Analysis		
COURSE GRADING		
	D	50-59
	E	0-49
<p>For Post-Graduate Students To pass this subject, students are required to obtain Grade B or above in order to satisfy all the intended learning outcomes.</p> <p>For Undergraduate Students To pass the subject, students are required to obtain Grade C or above in order to satisfy all the intended learning outcomes.</p>		
ACADEMIC INTEGRITY & ACCOMMODATION		
<p>Classroom Behavior Statements</p> <ol style="list-style-type: none"> 1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences. 2. Classroom participation is a part of your grade in this course. To participate you must attend class having prepared the materials for the day. Questions and comments must be relevant to the topic at hand. 3. You are expected to be on time. Packing up your things early is disruptive. 4. Raise your hand to be recognized. 5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences. 6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations. 7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class. 8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.) 		
<p>E-classroom Protocol</p> <p>Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off.</p> <p>Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams.</p> <p>Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.</p>		



COURSE INFORMATION

Course Code: BIS501

Level: Postgraduate

Credit: 3

Course Title: Introduction to Programming and Data Analysis

UNIVERSITY POLICIES

General Expectations, Rights and Responsibilities of the Student

As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with the university's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the program administrator as a next step.

Academic Integrity

Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator.

Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are "experts" writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.

Campus Policy on Disabilities

If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.

Accommodation to Students' Religious Holidays

It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.



COURSE SYLLABUS	
COURSE INFORMATION	
Course Code: BUS502	Level: Postgraduate Credit: 3
Course Title: Information Systems Strategy and Sourcing	
PREREQUISITE	
N/A	
COURSE OVERVIEW	
<p>Information System Strategy and Sourcing is an advanced post-graduate business school course designed to introduce the student to contemporary methods and techniques of integrating Information Technology (IT) into organizational strategies. In today’s modern world of business, digital capability is critical to success; firms that do not have digital strategies will likely fail. This course will cover the diffusion of IT into key functional areas of the firm, such as operations, marketing, finance, HR management, and other lone and staff functions. Explicit coverage will be given to big data technologies and cloud computing; discussion of data-oriented specialists; emerging IT areas such as blockchain, virtual and augmented reality, machine learning, artificial intelligence, and Process Virtualization Theory. Finally, we will also discuss such critical current topics as mobile security, fake news, troll factories, and cybersecurity frameworks. Students will be expected to engage in lecture/discussion with the instructor, participate in in-class exercises, and provide presentations of case studies from the text.</p>	
LEARNING OUTCOME	
<p>Upon successful completion of this course, students should be able to:</p> <ol style="list-style-type: none"> 1. Obtain a deep appreciation and understanding of the strategic role played by Information Technology (IT) in essentially all organizations, worldwide, today. 2. Skill in how to analyze and organize information according to frameworks and concepts derived from the growing academic subject field of IT. 3. Knowledge of how organizations can create value from sound IT management, including the collection of data, “deep dive” methodologies of analysis, and development of predictive analytic models for data interpretation and usage. 4. Insight into how organizations create and execute strategies for IT competence and the inclusion of these strategies in the overall strategic framework of the firm. 5. Appreciation of the current debate surrounding personal privacy and information, and how this impacts the usage of IT management today. 	
CLASS HOURS	
Total Program Duration:	3 Weeks in Total
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)
LEARNING RESOURCES	
Required Textbook	
<p>Piccoli, G. & Pigni, F.(2019). <i>Information Systems for Managers with Cases</i>. 4th Edition. Prospect Press. [This text is available in both e-book and paperback. While the prior edition 3.0 (2016) of this text is acceptable, students are highly encouraged to access this most recent updated version.]</p>	



COURSE INFORMATION			
Course Code:	BUS502	Level:	Postgraduate
Credit:	3		
Course Title:	Information Systems Strategy and Sourcing		
LEARNING RESOURCES			
Suggested Textbook			
Turban, E., & Volonino, L, & Wood, G.R.(2015). <i>Information Technology for Management</i> . 10th Edition. Wiley.			
Other Teaching Methods			
N/A			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Introduction to the Course; Expectations, Requirements and Assignments. Read: Information Systems and Role of General and Functional Managers	Chapter 1
	2	Information Systems Defined	Chapter 2
	3	Organizational Information Systems and Their Impact	Chapter 3
	4	The Changing Competitive Environment	Chapter 4
	5	Review of the Week	
2	1	Digital Business	Chapter 5
	2	Strategic Information Systems Planning	Chapter 6
	3	Value Creation and Strategic Information Systems	Chapter 7
	4	Value Creation with Information Systems	Chapter 8
	5	Review of the week	
3	1	Appropriating IT-Enabled Value Over Time	Chapter 9
	2	Funding Information Systems	Chapter 10
	3	Creating Information Systems Information Systems Trends Cybersecurity, Privacy, and Ethics	Chapter 11 Chapter 12 Chapter 13
	4	Presentation	
	5	Final Exam	
ASSESSMENT			
Assessment Task			Percent (%)
Attendance/Participation			25%
Final Presentation			25%
Final Exam			50%
Total			100%



COURSE INFORMATION				
Course Code:	BUS502	Level:	Postgraduate	Credit: 3
Course Title:	Information Systems Strategy and Sourcing			
DETAILS ON GRADE COMPONENTS				
Attendance and Participation				
Students are required to attend all classes and participate actively. Students should treat their classroom obligations as they would treat any serious professional engagement. Your participation grade will be based on the instructor's assessment of how well you contribute to classroom dynamics relative to your class peers.				
NB: In case of an absence, the student is responsible for the materials and assignments for that class; it is the student's responsibility to inform the instructor regarding absences and assignments that are missed. Unexcused absence from three or more scheduled class sessions will be grounds for failure in this course. If you do have to miss class due to a personal emergency, please let the instructor know as soon as possible. Such emergencies will be dealt with on a case-by-case basis.				
Participation grades will be based on quality (an in-class performance that reflects intellectual depth, insightfulness, and contribution to class learning) and quantity (consistency and regularity of performance). Accordingly, you are expected to read the related chapters before participating in the class. Be prepared to be called upon to "open" a class discussion by presenting your full analysis and thoughts on the assigned topic at the start of class, or to be asked through a "cold call" for comment during the discussion.				
The grading of class participation is necessarily a subjective exercise. However, high-quality comments have one or more of the following characteristics: (1) insightfulness, (2) appropriate application of course concepts, and (3) advancement of the in-class discussion at hand.				
Some specific criteria for evaluating discussion contributions are:				
<ul style="list-style-type: none">• Does the student demonstrate an eagerness to participate?• Is the student a good listener? Does he/she build on others' comments?• Is the student willing to interact with other class members?• Are the points made relevant to the discussion? Are they linked to others' comments?• Do comments demonstrate evidence of in-depth analysis of the case?• Do comments add to our understanding of the situation?• Do comments make a substantive contribution to the advancement of our analysis?• Is there a willingness to test new ideas, or are the comments "safe?"• Do comments show an understanding of concepts or analytical techniques properly applied to the current situation?• Is the student presenting insightful quantitative analysis (when required)?• Is the student demonstrating ethical considerations and insights?				



COURSE INFORMATION

Course Code: BUS502 **Level:** Postgraduate **Credit:** 3

Course Title: Information Systems Strategy and Sourcing

DETAILS ON GRADE COMPONENTS

Group Case Presentation

Beginning on p. 379 of the text (latest edition) are ten case studies. Students will be required to form a group (maximum of three students), select a case, and then make an in-class presentation of the case using PowerPoint slides. See the cases for questions to be addressed in the presentation. A maximum of fifteen minutes will be allowed for the presentation, and class Q&A will follow. One grade will be given to all group members.

Final Exam

The exam will consist of 5 questions. All questions worth 10 marks each, totaling 50 marks. Exam format depends on the course instructor and is subject to change. Further instructions will be provided by the course instructor.

COURSE GRADING

Upon completion of this course, you receive a final grade. The final grade is a letter grade that carries with it a numerical value, as outlined below.

Grade	Percentage %
A	80-100
B	70-79
C	60-69
D	50-59
E	0-49

For Post-Graduate Students

To pass this subject, students are required to obtain Grade B or above in order to satisfy all the intended learning outcomes.

For Undergraduate Students

To pass the subject, students are required to obtain Grade C or above in order to satisfy all the intended learning outcomes.



COURSE INFORMATION				
Course Code:	BUS502	Level:	Postgraduate	Credit: 3
Course Title:	Information Systems Strategy and Sourcing			
ACADEMIC INTEGRITY & ACCOMMODATION				
Classroom Behavior Statements				
<ol style="list-style-type: none"> 1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences. 2. Classroom participation is a part of your grade in this course. To participate you must attend class having prepared the materials for the day. Questions and comments must be relevant to the topic at hand. 3. You are expected to be on time. Packing up your things early is disruptive. 4. Raise your hand to be recognized. 5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences. 6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations. 7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class. 8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.) 				
E-classroom Protocol				
Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off.				
Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams.				
Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.				



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Course Code:	BUS502	Level:	Postgraduate	Credit: 3
Course Title:	Information Systems Strategy and Sourcing			
UNIVERSITY POLICIES				
General Expectations, Rights and Responsibilities of the Student				
<p>As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with the university's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the program administrator as a next step.</p>				
Academic Integrity				
<p>Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator.</p>				
<p>Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are "experts" writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.</p>				
Campus Policy on Disabilities				
<p>If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.</p>				
Accommodation to Students' Religious Holidays				
<p>It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.</p>				



COURSE SYLLABUS	
COURSE INFORMATION	
Course Code: BUS512	Level: Postgraduate Credit: 3
Course Title: Doing Business in Asia	
PREREQUISITE	
N/A	
COURSE OVERVIEW	
<p>Rapid economic growth in most part of Asia has resulted in the emergence of large and small enterprises which are organized in different ways compared to their western counterpart. This course examines and discuss business practices, leadership, culture, key countries and their governance and enterprises in Asia. This course is divided into three parts. The first part introduces students to the basics of the evolving economic context in which Asian businesses are embedded. The second part examines the importance of cultural intelligence in developing business leaders in Asia. This part also discusses institutional, governance, political, social and economic environments in Asia. The third part of this course focuses on some of the fastest growing economies in Asia, e.g. China, India and East Asia in particular, where students are required to do an (1) interim group presentation, and a (2) final group presentation.</p>	
LEARNING OUTCOME	
Upon successful completion of this course, students should be able to:	
<ol style="list-style-type: none">1. Understand the drivers for rapid economic growth in Asia.2. Develop a comprehensive understanding on business environment in Asia.3. Identify, understand the challenges for doing business in Asia and able to develop strategies to overcome those challenges.4. Appreciate and understand diversities and commonalities in business environment in Asia.	
General Skills:	
Appreciate and understand cultural diversity	
Conduct scientific research	
Develop interpersonal and communication skills	
CLASS HOURS	
Total Program Duration:	3 Weeks in Total
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)
LEARNING RESOURCES	
Required Textbook	
[HW] Hasegawa, H., & Witt, M. A. (2019). <i>Asian Business and Management: Theory, Practice and Perspectives</i> . 3rd Edition. Springer.	
Reference Books & Online Resources	
An "extended syllabus" will be posted, which includes discussion points and suggested readings.	
Suggested Textbook	
[GTI] Goto, K., Endo, T., & Ito, A. (2020). <i>The Asian Economy: Contemporary Issues and Challenges</i> . 1st Edition. Routledge.	
Other Teaching Methods	
N/A	



COURSE INFORMATION			
Course Code: BUS512		Level: Postgraduate	Credit: 3
Course Title: Doing Business in Asia			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Part 1. Introduction: Doing Business in a Dynamically Evolving Asian Economy – contexts and frameworks. Introduction to the Course: Asian Business Systems in the Asian Economy	Introduction [GTI] Chapter 1
	2	Understanding the Dynamics of the Contemporary Asian Economy	[GTI] Chapter 2
	3	Part 2. Asian Business Systems: Major Issues of Asian Business and Management The Idea of a Business System	[HW] Chapter 1
	4	Asian Cultures and Business Systems and Corporate Governance in Asia	[HW] Chapters 2 & 3
	5	Human Resource Management, and Technology Development in Asia	[HW] Chapters 4 & 5 [GTI]
2	1	Family Business Groups in Asia	[HW] Chapter 6
	2	Introduction to Economic Integration and Global Value Chains	[GTI] Chapter 4
	3	Interim Group Presentations	NA
	4	MNEs in Asia	[HW] Chapter 7
	5	Regionalism and Production Networks in Asia	[HW] Chapter 8
3	1	ESG Policies and Practices in Asia: Toward Contingent Convergence	[HW] Chapter 9
	2	Part 3. Varieties of Business Systems in Asia Final Presentations 1: Group A: The Business system of China Group B: The Business system of India Group C: The Business system of Indonesia	[HW] Chapters 10-12
	3	Final Presentations 2: Group D: The Business system of Japan Group E: The Business system of Korea Group F: The Business system of Malaysia	[HW] Chapters 13-15
	4	Final Presentations 3: Group G: The Business system of Singapore Group H: The Business system of Vietnam	[HW] Chapters 16 & 17
	5	Wrapping Up and Thinking of Emerging Issues – Mainstreaming Sustainability into Business?	
ASSESSMENT			
Assessment Task			Percent (%)
Attendance and Participation in class Discussion			15%
Interim Group Presentation			10%



COURSE INFORMATION		
Course Code: BUS512	Level: Postgraduate	Credit: 3
Course Title: Doing Business in Asia		
ASSESSMENT		
Final Group Presentation	30%	
Individual Final Report	45%	
Total	100%	
DETAILS ON GRADE COMPONENTS		
<p>Active participation is highly encouraged. During the course, students are required to work in groups (assigned randomly by the lecturer) to prepare for the (1) Interim group presentation and (2) Final group presentation. Students should read the relevant chapter(s) assigned for each class in advance (optional, however, when the assigned reading is from the suggested textbook). Discussion sessions will be used to give students an opportunity to clarify their understanding of the topics from the lectures, and may also involve discussions from the suggested readings, which will be highlighted in the supplementary Class Note (Extended Syllabus).</p> <p>Class Attendance and Participation If students miss more than 5 classes and did not receive permissions from the instructor, they will automatically get a letter grade of F for this class, which is a failing grade. If a student has to miss class due to some personal emergencies or family issues, he/she should inform the TA or the instructor to get permission immediately. And students are held responsible for the class materials and homework for the class they will miss.</p> <p>Interim Group Presentation Every student will be assigned randomly to a group, which size is conditional on how many students would enroll into this class. There will be a total of 8 groups. Each group will be automatically assigned to a target country in which they must analyze the national/local business environment that allows further identification of potential areas of business intervention and/or investment. In this, the presentation should include a concise summary of the respective chapters assigned, and further identify one or more target sectors (industries) for further investigation. The group is expected to work as a team. All the group members MUST be involved in group discussions, and contribute to the overall quality of the report. Any evidence of students free-riding within a group will get a zero.</p> <p>Final Group Presentation The final group presentation will be based on the interim presentation, where the group must come up with a business strategy in their respective target countries. The presentations must include a brief country analysis, which allows them to identify potential sectors for intervention and/or investment, which should be based on solid analysis of the national/local business and economic contexts. It should clearly link the analytical perspectives that have been addressed in class. Again, the group is expected to work as a team. All the group members MUST be involved in group discussions, and contribute to the overall quality of the report. Any evidence of students free-riding within a group will get a zero.</p>		



COURSE INFORMATION

Course Code: BUS512

Level: Postgraduate

Credit: 3

Course Title: Doing Business in Asia

Academic Integrity

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COURSE SYLLABUS		
COURSE INFORMATION		
Course Code: BUS530	Level: Postgraduate	Credit: 3
Course Title: Entrepreneurship and Innovation		
PREREQUISITE		
N/A		
COURSE OVERVIEW		
By doing this unit students will gain an understanding of the constraints and advantages in developing a new venture. Students will learn the theoretical concepts behind the nature and importance of entrepreneurship, frameworks/models to identify and assess opportunities and challenges of a start-up, how to resource and market a startup, and learn the importance of ethics in developing a potential new venture.		
LEARNING OUTCOME		
Upon successful completion of this course, students should be able to:		
<ol style="list-style-type: none"> 1. Learn the theories and practices of entrepreneurship. 2. Understand the challenges and opportunities of entrepreneurship. 3. Understand and evaluate domestic and international legal, social, political, economic, ethical, and cultural issues of entrepreneurship. 4. Identify the importance of creativity, innovation, and network building in entrepreneurship. 		
CLASS HOURS		
Total Program Duration:	3 Weeks in Total	
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)	
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)	
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)	
LEARNING RESOURCES		
Required Textbook		
Spinelli, S., & Adams, R. (2016). <i>New Venture Creation: Entrepreneurship for the 21st Century (Irwin Management)</i> , 10th Edition. McGraw Hill.		
Reference Books & Online Resources		
<ol style="list-style-type: none"> 1. Ries, E. (2012). <i>The Lean Start-Up</i>. Pearson. 2. Kawasaki, G., & Filby, L. (2015). <i>The Art of the Start: The Time-Tested, Battle-Hardened Guide for Anyone Starting Anything</i>. Portfolio. 3. Kahney, L. (2009). <i>Inside Steve's Brain</i>. Atlantic. 4. Barringer, B. R. (2010). <i>Entrepreneurship: Successfully Launching New Ventures</i>. 3rd Edition. TBS. 5. Wolcott, R., & Lippitz, M. (2009). <i>Grow from Within: Mastering Corporate Entrepreneurship and Innovation</i>. McGraw Hill. 		
Journals:		
<ol style="list-style-type: none"> 1. Journal of Business Venturing 2. Entrepreneurship Theory and Practice 3. Journal of Small Business and Entrepreneurship 4. Venture Capital 5. Small Business Economics 6. Harvard Business Review 		
LEARNING RESOURCES		
Suggested Textbook		
N/A		



COURSE INFORMATION			
Course Code:	BUS530	Level:	Postgraduate
		Credit:	3
Course Title: Entrepreneurship and Innovation			
Other Teaching Methods			
<p>Barringer, Bruce R. & Ireland, R. Duane (2008). <i>'Building a new-venture team'</i>, in <i>Entrepreneurship: successfully launching new ventures</i>, 2nd Edition, Pearson/Prentice Hall, Upper Saddle River, NJ, pp. 254-267.</p> <p>Bessant, J. R. (2003). <i>High-Involvement Innovation: Building and Sustaining Competitive Advantage Through Continuous Change</i>. Wiley. pp. 79-90.</p> <p>Fagerberg, J, Mowery, DC and Nelson, RR (2005). <i>The Oxford Handbook of Innovation</i>, Oxford University Press, NY.</p> <p>Freeman, S. & S.T. Cavusgil (2007). <i>'Entrepreneurial Strategies for Accelerated Internationalization of Smaller Born Globals'</i>, Journal of International Marketing, Vol. 15, No.4, pp.1-40.</p> <p>Freeman, S., Hutchings, K., & Chetty, S. (2012). <i>'Born-globals and Culturally Proximate Markets'</i>, Management International Review, Vol. 52, No.3, pp. 425-460</p> <p>Freeman, S., R. Edwards, & Schroder, B. (2006) <i>'How Smaller Born-global Firms Use Networks and Alliances to Overcome Constraints to Rapid Internationalization'</i>, Journal of International Marketing, Vol. 14, No.3, pp. 33-63.</p> <p>Hisrich, Robert D., Peters, Michael P. & Shepherd, Dean A. (2010), <i>'Entrepreneurial strategy: generating and exploiting new entries'</i>, in <i>Entrepreneurship</i>, 8th edition, McGraw-Hill/Irwin, New York, pp. 64-90.</p> <p>Online Learning</p> <ol style="list-style-type: none"> 1. www.ausindustry.gov.au 2. www.austrade.gov.au 3. www.noie.gov.au 4. www.mckinsey.com / www.ipaustralia.com.au 5. www.wipo.org 6. www.ted.com/talks/tags/entrepreneur 7. www.business.gov.au 8. www.wdc-econdev.com 			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Part I: Introduction <ul style="list-style-type: none"> • Course Introduction • What is entrepreneurship, why it matters • Size, rate of growth and types of entrepreneurship around the world and in Australia • The Entrepreneurial Mind 	Lecture Slides & Chapter 2
	2	<ul style="list-style-type: none"> • The Global Entrepreneurial Revolution • Entrepreneurs and Ventures 	Lecture Slides & Chapter 1
	3	Part II: Opportunity <ul style="list-style-type: none"> • The entrepreneurial Process: Effectuation and Causation • E-Commerce and Sustainable Enterprise Movements 	Lecture Slides & Chapter 3 & 4



COURSE INFORMATION			
Course Code: BUS530		Level: Postgraduate	Credit: 3
Course Title: Entrepreneurship and Innovation			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	4	<ul style="list-style-type: none"> • Opportunities for Social Entrepreneurship • Creativity, Innovation and International Entrepreneurship 	Lecture Slides & Chapter 5 & 6
	5	Part III: The Founder and Team <ul style="list-style-type: none"> • The Entrepreneurial Leader and the Team • Ethical Decision Making and the Entrepreneur 	Lecture Slides & Chapter 8 & 9
2	1	Part IV: Financing Entrepreneurial Ventures <ul style="list-style-type: none"> • Resource Requirements • Franchising • Entrepreneurial Finance 	Lecture Slides & Chapter 10-12
	2	Obtaining Venture and Growth Capital	Lecture Slides & Chapter 13
	3	The Deal: Valuation, Structure, and Negotiation	Lecture Slides & Chapter 14
	4	Obtaining Debt Capital	Lecture Slides & Chapter 15
	5	Deadline: Group Assignment & Presentation	
3	1	Part V: Start-up & Beyond Managing Uncertainty and Risk. The Role of Governance	Lecture Slides
	2	Leading Rapid Growth, Crises, and Recovery	Lecture Slides & Chapter 16
	3	The Family as Entrepreneur	Lecture Slides & Chapter 17
	4	Revision	
	5	Final Exam	
ASSESSMENT			
Assessment Task			Percent (%)
Attendance/Participation			10%
Group Assignment			25%
Group Presentation			25%
Final Exam (Open Book)			40%
Total			100%



COURSE INFORMATION		
Course Code: BUS530	Level: Postgraduate	Credit: 3
Course Title: Entrepreneurship and Innovation		
COURSE GRADING		
For Post-Graduate Students To pass this subject, students are required to obtain Grade B or above in order to satisfy all the intended learning outcomes.		
For Undergraduate Students To pass the subject, students are required to obtain Grade C or above in order to satisfy all the intended learning outcomes.		
ACADEMIC INTEGRITY & ACCOMMODATION		
Classroom Behavior Statements 1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences. 2. Classroom participation is a part of your grade in this course. To participate you must attend class having prepared the materials for the day. Questions and comments must be relevant to the topic at hand. 3. You are expected to be on time. Packing up your things early is disruptive. 4. Raise your hand to be recognized. 5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences. 6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations. 7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class. 8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.)		
E-classroom Protocol Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off. Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams. Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.		



COURSE INFORMATION		
Course Code: BUS530	Level: Postgraduate	Credit: 3
Course Title: Entrepreneurship and Innovation		
UNIVERSITY POLICIES		
General Expectations, Rights and Responsibilities of the Student As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with the university's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the program administrator as a next step.		
UNIVERSITY POLICIES		
Academic Integrity Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator. Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are "experts" writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.		
Campus Policy on Disabilities If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.		
Accommodation to Students' Religious Holidays It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.		



COURSE SYLLABUS			
COURSE INFORMATION			
Course Code:	BUS580	Level:	Postgraduate
		Credit:	3
Course Title:	Modelling and Forecasting Financial Time Series		
PREREQUISITE			
Basic Econometrics			
COURSE OVERVIEW			
This unit introduce students with the modelling and forecasting financial time series. The emphasis is on understanding several econometrics models and use these models with real world data to make financial forecast. Students are encouraged to use appropriate computer packages to develop models and analyze data.			
LEARNING OUTCOME			
Upon successful completion of this course, students should be able to:			
1. Learn to develop and use various time series econometrics methods and related theories.			
2. Interpret time series models and analyze the results.			
3. Evaluate and estimate value at risk.			
4. Understand the nature of financial volatility.			
5. Apply parametric (linear and nonlinear) and nonparametric regression models.			
CLASS HOURS			
Total Program Duration:	3 Weeks in Total		
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)		
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)		
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)		
LEARNING RESOURCES			
Required Textbook			
[T] Tsay, R. S. (2010). <i>Analysis of Financial Time Series</i> . 3rd Edition. Wiley.			
Reference Books & Online Resources			
[H] Hamilton, J. D. (1994). <i>Time Series Analysis</i> . 1st Edition. Princeton University Press.			
Suggested Textbook			
N/A			
Other Teaching Methods			
N/A			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Introduction to Financial Time Series and Their Characteristics	Chapter 1
	2	Linear Time Series Analysis and Its Applications I: AR Models, MA Models, Forecasting with ARMA Models	Chapter 2
	3	Linear Time Series Analysis and Its Applications II: Seasonal Models, Regression Models with Time Series Errors, Consistent Covariance Matrix Estimation, Long-Memory Models	Chapter 2



COURSE INFORMATION			
Course Code: BUS580		Level: Postgraduate	Credit: 3
Course Title: Modelling and Forecasting Financial Time Series			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	4	Conditional Heteroscedastic Models I: Characteristics of Volatility, Structure of a Model, The ARCH Model, The GARCH Model	Chapter 3
	5	Conditional Heteroscedastic Models II: The GARCH-M Model, The Exponential GARCH Model, The Threshold GARCH Model, The CHARMA Model, Random Coefficient Autoregressive Models, Stochastic Volatility Model, Application & Alternative Approaches, Kurtosis of GARCH Models	Chapter 3
2	1	Nonlinear Models I	Chapter 4
	2	Nonlinear Models II	Chapter 4
	3	High-Frequency Data Analysis and Market Microstructure	Chapter 5
	4	Continuous-Time Models and Their Applications	Chapter 6
	5	Mid-Term Exam, Deadline Group Assignment	
3	1	Continuous-Time Models and Their Applications	Chapter 6
	2	Extreme Values, Quantiles, and Value at Risk (VAR)	Chapter 7
	3	Multivariate Time Series Analysis and Its Applications, Principal Component Analysis and Factor Models	Chapter 8 & 9
	4	Unit Revision	
	5	Final Exam	
ASSESSMENT			
Assessment Task			Percent (%)
Attendance/Participation			10%
Group Assignment			20%
Mid-Term Exam			30%
Final Exam			40%
Total			100%



COURSE INFORMATION		
Course Code: BUS580	Level: Postgraduate	Credit: 3
Course Title: Modelling and Forecasting Financial Time Series		
ACADEMIC INTEGRITY & ACCOMMODATION		
Classroom Behavior Statements		
<p>1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences.</p> <p>2. Classroom participation is a part of your grade in this course. To participate you must attend class having prepared the materials for the day. Questions and comments must be relevant to the topic at hand.</p> <p>3. You are expected to be on time. Packing up your things early is disruptive.</p> <p>4. Raise your hand to be recognized.</p> <p>5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences.</p> <p>6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations.</p> <p>7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class.</p> <p>8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.)</p>		
E-classroom Protocol		
<p>Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off.</p> <p>Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams.</p> <p>Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.</p>		
UNIVERSITY POLICIES		
General Expectations, Rights and Responsibilities of the Student		
<p>As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with the university's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the program administrator as a next step.</p>		



COURSE INFORMATION

Course Code: BUS580

Level: Postgraduate

Credit: 3

Course Title: Modelling and Forecasting Financial Time Series

UNIVERSITY POLICIES

Academic Integrity

Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator.

Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are “experts” writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.

Campus Policy on Disabilities

If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.

Accommodation to Students' Religious Holidays

It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.



COURSE SYLLABUS			
COURSE INFORMATION			
Course Code:	COMP501	Level:	Postgraduate
			Credit: 3
Course Title:	Advanced Database Systems		
PREREQUISITE			
N/A			
COURSE OVERVIEW			
<p>This course provides students with the opportunity to learn about various types of Advanced Database Systems. It deepens students' understanding of the database modelling, design, and implementation techniques in various complex data intensive applications. The course covers topics including computing platforms, data mining and data stream, data integration, and data warehousing, data security and privacy, amongst others.</p>			
LEARNING OUTCOME			
<p>Upon successful completion of this course, the students should have basic expertise in the following areas:</p> <ol style="list-style-type: none"> 1. Understand distributed computing concepts and major platforms. 2. Understand the similarity query processing concepts and techniques. 3. Understand techniques to manage streaming data. 4. Develop insights into issues and challenges in data integration including schema integration, data matching, and use of ontologies. 5. Relate your conceptual and practical knowledge in advanced database systems to past lectures as well as emerging trends such as big data. 6. Understand the concepts, modelling, and implementation details of data warehousing. 7. Develop a broad range of skills and knowledge essential to critically identify and properly address issues in complex data management and analysis. 			
CLASS HOURS			
Total Program Duration:	3 Weeks in Total		
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)		
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)		
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)		
Reference Books & Online Resources			
N/A			
Suggested Textbook			
N/A			
Other Teaching Methods			
N/A			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Distributed Computing Platforms <ul style="list-style-type: none"> • Map Reduce • Algorithms Using MapReduce • Spark 	Chapter 2 of [JRU]



COURSE INFORMATION			
Course Code: COMP501		Level: Postgraduate	Credit: 3
Course Title: Advanced Database Systems			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	2	Similarity Queries • Similarity and Distance Functions • Deduplicating Documents • Introduction to Locality Sensitive Hashing (LSH)	Chapter 3 of [JRU]
	3	Data Streams • Data Stream Model • Sampling Data in a Stream • Filtering Streams • Counting Distinct Elements in a Stream	Chapter 4 of [JRU]
	4	Schema Mapping and Integration - Schema Matching • Schema Mapping Quiz 1	Chapter 5 of [HDI]
	5	Data Matching • Problem Definition • Rule-based Matching • Probabilistic Matching Assignment 1 Due	Chapter 7 of [HDI]
2	1	Mid-Term Exam	
	2	Data Matching • Learning-based Matching • Collective Matching • Blocking	Chapter 7 of [HDI]
	3	Ontology and Knowledge Representation - Knowledge Representation • Description Logics • Semantic Web	Chapter 12 of [HDI]
	4	Data Warehouse Fundamentals - OLAP and OLTP • Data Warehouse Modelling • Data Cubes Quiz 2	Chapter 2 of [JPT]
	5	Data Warehouse Systems • Querying a Data Warehouse - Query Languages	Chapter 2 of [JPT]
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
3	1	Data Warehouse Algorithms - Materialized Views • Indexing Assignment 2 Due	Chapter 4 of [JPT]
	2	Data Warehouse Algorithms • Join Processing • Data Cube Computation	Chapter 4 of [JPT]



COURSE INFORMATION			
Course Code:	COMP501	Level:	Postgraduate
		Credit:	3
Course Title:	Advanced Database Systems		
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
3	3	Data Security and Privacy • Security Measure in Databases • Attack and Defense • K-Anonymity, Differential Privacy	Assign in Class
	4	Revision	Review
	5	Final Exam	
ASSESSMENT			
Assessment Task			Percent (%)
Attendance/Participation			10%
Quiz 1			5%
Quiz 2			5%
Assignment 1			10%
Assignment 2			10%
Mid-Term Exam			20%
Final Exam			40%
Total			100%
DETAILS ON GRADE COMPONENTS			
<p>Attendance and Participation</p> <p>Students are required to attend all classes and participate actively. Students should treat their classroom obligations as they would treat any serious professional engagement. Your participation grade will be based on the instructor's assessment of how well you contribute to classroom dynamics relative to your class peers.</p> <p>In case of an absence, the student is responsible for the materials and assignments for that class; it is the student's responsibility to inform the instructor regarding absences and assignments that are missed. Unexcused absence from three or more scheduled class sessions will be grounds for failure in this course. If you do have to miss class due to a personal emergency, please let the instructor know as soon as possible. Such emergencies will be dealt with on a case-by-case basis.</p> <p>Participation grades will be based on quality (in-class performance that reflects intellectual depth, insightfulness, and contribution to class learning) and quantity (consistency and regularity of performance). Accordingly, you are expected to read the related chapters before participating the class. Be prepared to be called upon to "open" a class discussion by presenting your full analysis and thoughts on the assigned topic at the start of class, or to be asked through a "cold call" for comment during the discussion.</p>			
DETAILS ON GRADE COMPONENTS			
<p>The grading of class participation is necessarily a subjective exercise. However, high- quality comments have one or more of the following characteristics: (1) insightfulness, (2) appropriate application of course concepts, and (3) advancement of the in-class discussion at hand.</p>			



COURSE INFORMATION														
Course Code: COMP501	Level: Postgraduate	Credit: 3												
Course Title: Advanced Database Systems														
Quizzes Quizzes will happen on the first and second weeks to review and reinforce what has been learned in the previous classes.														
Assignments To enhance the learning process, students have to submit two assignments. Each assignment weighs 10% of the total marks. <u>Assignment 1</u> covers Divide-and-conquer, Dynamic programming and Greedy algorithm. It is due on Friday of the first week. <u>Assignment 2</u> covers graph theories and graph algorithms. It is due on Monday of the third week.														
Mid-semester Examination The mid-semester examination will be held on Monday of the second week. It will cover the contents of the first week including but not limited to Divide-and-conquer, Randomized algorithms, Dynamic programming and Greedy algorithms.														
Final Examination An in-class final examination will be administered at the end of the course on Friday of the third week. Details of contents, exam format, etc. will be announced in class well before the examination dates.														
COURSE GRADING														
Upon completion of this course, you receive a final grade. The final grade is a letter grade that carries with it a numerical value, as outlined below.														
<table border="1"><thead><tr><th>Grade</th><th>Percentage %</th></tr></thead><tbody><tr><td>A</td><td>80-100</td></tr><tr><td>B</td><td>70-79</td></tr><tr><td>C</td><td>60-69</td></tr><tr><td>D</td><td>50-59</td></tr><tr><td>E</td><td>0-49</td></tr></tbody></table>			Grade	Percentage %	A	80-100	B	70-79	C	60-69	D	50-59	E	0-49
Grade	Percentage %													
A	80-100													
B	70-79													
C	60-69													
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E	0-49													
For Post-Graduate Students To pass this subject, students are required to obtain Grade B or above in order to satisfy all the intended learning outcomes.														
For Undergraduate Students To pass the subject, students are required to obtain Grade C or above in order to satisfy all the intended learning outcomes.														



COURSE INFORMATION		
Course Code: COMP501	Level: Postgraduate	Credit: 3
Course Title: Advanced Database Systems		
ACADEMIC INTEGRITY & ACCOMMODATION		
Classroom Behavior Statements		
<p>1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences.</p> <p>2. Classroom participation is a part of your grade in this course. To participate you must attend class having prepared the materials for the day. Questions and comments must be relevant to the topic at hand.</p> <p>3. You are expected to be on time. Packing up your things early is disruptive.</p> <p>4. Raise your hand to be recognized.</p> <p>5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences.</p> <p>6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations.</p> <p>7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class.</p> <p>8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.)</p>		
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COURSE INFORMATION		
Course Code: COMP501	Level: Postgraduate	Credit: 3
Course Title: Advanced Database Systems		
UNIVERSITY POLICIES		
General Expectations, Rights and Responsibilities of the Student		
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COURSE SYLLABUS	
COURSE INFORMATION	
Course Code: COMP502	Level: Postgraduate Credit: 3
Course Title: Introduction to Data Science	
PREREQUISITE	
N/A	
COURSE OVERVIEW	
<p>Data science enables businesses to process huge amounts of structured and unstructured big data to detect patterns, perform modelling, and support intelligent applications. This in turn allows companies to increase efficiencies, manage costs, identify new market opportunities, and boost their market advantage. This course will give an overview of essential knowledge and skills in Data Science, including data processing, database and big data system, machine learning basics (regression, classification and clustering), visualization and interpretation. Students will perform assignments that involve a variety of real-world datasets from a variety of domains. The course expects the students to have a basic understanding of Python programming.</p>	
LEARNING OUTCOME	
<p>After successful completion of this course students should be able to:</p> <ol style="list-style-type: none"> 1. Understand the core theories and concepts of Data Science. 2. Recognize real-world problems as amenable to Data Science. 3. An ability to explain the properties of various Machine Learning models and to connect a model to statistical principles. 4. Understand a wide variety of learning algorithms. 5. Formulate an algorithm that instantiates a given Machine Learning model using appropriate data. 6. Understand how to evaluate models generated from real-world data. 7. Apply the algorithms to a real-world problem, optimize the models learned and report on the expected accuracy that can be achieved by applying the models. 8. Interpret the results of Machine Learning running on real data. 	
CLASS HOURS	
Total Program Duration:	3 Weeks in Total
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)
LEARNING RESOURCES	
Required Textbook	
<p>Murphy, K. P. (2012). Machine learning: a probabilistic perspective. MIT press. Bishop, C. M., & Nasrabadi, N. M. (2006). Pattern recognition and machine learning (Vol. 4, No. 4, p. 738). New York: springer. Lau, Sam, et al. "Learning Data Science." Learning Data Science - Learning Data Science, https://www.textbook.ds100.org/intro.html.</p>	
Reference Books & Online Resources	
N/A	
LEARNING RESOURCES	
Suggested Textbook	
N/A	
Other Teaching Methods	
N/A	



COURSE INFORMATION			
Course Code: COMP502		Level: Postgraduate	Credit: 3
Course Title: Introduction to Data Science			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Introduction and course overview Introduction to python programming	Chapter 1 of [KM]
	2	Data acquisition and manipulation + Python programming (Pandas, File and Web accesses)	[LGN]
	3	Database and SQL + Python programming (Data cleansing and manipulation)	[LGN]
	4	Machine Learning overview + Linear Regression + Python programming Quiz 1	Chapter 7 of [KM]
	5	Classification methods (logistic regression, nearest neighbors, decision trees) + Python programming	Chapters 13, 16 of [KM]
2	1	Mid-Term Exam	
	2	Classification methods (support vector machines, and neural networks) + Python programming	Chapters 14, 28 of [KM]
	3	Big data system (architecture, NOSQL, Map-reduce/SPARK)	Online resources
	4	Introduction to Machine Learning theories (overfitting, bias-variance trade-off, regularization)	Chapters 13 of [KM]
	5	Data visualization + Python programming (plots) Quiz 2	Chapter 17 of [KM]
3	1	Clustering methods (k-means, hierarchical clustering) Assignment 1 Due	Chapter 17 of [KM]
	2	Clustering methods (GMM, DBScan)	Chapter 17 of [KM]
	3	Model interpretation and explanation	Online resources
	4	Revision	Review
	5	Final Exam	
ASSESSMENT			
Assessment Task		Percent (%)	
Attendance/Participation		10%	
Quiz 1		5%	
Quiz 2		5%	
Practical Assignment		20%	
Mid-Term Exam		20%	
Final Exam		40%	
Total		100%	



COURSE INFORMATION														
Course Code: COMP502	Level: Postgraduate	Credit: 3												
Course Title: Introduction to Data Science														
DETAILS ON GRADE COMPONENTS														
<p>Attendance and Participation Students are required to attend all classes and participate actively. Students should treat their classroom obligations as they would treat any serious professional engagement. Your participation grade will be based on the instructor's assessment of how well you contribute to classroom dynamics relative to your class peers.</p> <p>In case of an absence, the student is responsible for the materials and assignments for that class; it is the student's responsibility to inform the instructor regarding absences and assignments that are missed. Unexcused absence from three or more scheduled class sessions will be grounds for failure in this course. If you do have to miss class due to a personal emergency, please let the instructor know as soon as possible. Such emergencies will be dealt with on a case-by-case basis.</p> <p>Participation grades will be based on quality (in-class performance that reflects intellectual depth, insightfulness, and contribution to class learning) and quantity (consistency and regularity of performance). Accordingly, you are expected to read the related chapters before participating the class. Be prepared to be called upon to "open" a class discussion by presenting your full analysis and thoughts on the assigned topic at the start of class, or to be asked through a "cold call" for comment during the discussion.</p> <p>The grading of class participation is necessarily a subjective exercise. However, high- quality comments have one or more of the following characteristics: (1) insightfulness, (2) appropriate application of course concepts, and (3) advancement of the in-class discussion at hand.</p> <p>Quizzes Quizzes will happen on the first and second weeks to review and reinforce what has been learned in the previous classes.</p> <p>Practical Assignment To enhance the learning process, students have to submit two practical assignments. The assignment weighs 20% of the total marks. Assignment covers data management and machine learning knowledge and algorithms. It is due on the Monday of the third week.</p>														
DETAILS ON GRADE COMPONENTS														
<p>Midterm Exam The mid-semester examination will be held on Monday of the second week. It will cover all the contents of the first week.</p> <p>Final Exam An in-class final examination will be administered at the end of the course on Friday of the third week. Details of contents, exam format, etc. will be announced in class well before the examination dates.</p>														
COURSE GRADING														
<p>Upon completion of this course, you receive a final grade. The final grade is a letter grade that carries with it a numerical value, as outlined below.</p> <table border="1" data-bbox="561 1845 1018 2083"> <thead> <tr> <th>Grade</th> <th>Percentage %</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>80-100</td> </tr> <tr> <td>B</td> <td>70-79</td> </tr> <tr> <td>C</td> <td>60-69</td> </tr> <tr> <td>D</td> <td>50-59</td> </tr> <tr> <td>E</td> <td>0-49</td> </tr> </tbody> </table>			Grade	Percentage %	A	80-100	B	70-79	C	60-69	D	50-59	E	0-49
Grade	Percentage %													
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B	70-79													
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COURSE INFORMATION		
Course Code: COMP502	Level: Postgraduate	Credit: 3
Course Title: Introduction to Data Science		
COURSE GRADING		
For Post-Graduate Students To pass this subject, students are required to obtain Grade B or above in order to satisfy all the intended learning outcomes.		
For Undergraduate Students To pass the subject, students are required to obtain Grade C or above in order to satisfy all the intended learning outcomes.		
ACADEMIC INTEGRITY & ACCOMMODATION		
Classroom Behavior Statements 1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences. 2. Classroom participation is a part of your grade in this course. To participate you must attend class having prepared the materials for the day. Questions and comments must be relevant to the topic at hand. 3. You are expected to be on time. Packing up your things early is disruptive. 4. Raise your hand to be recognized. 5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences. 6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations. 7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class. 8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.)		
E-classroom Protocol Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off. Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams. Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.		



COURSE INFORMATION		
Course Code: COMP502	Level: Postgraduate	Credit: 3
Course Title: Introduction to Data Science		
UNIVERSITY POLICIES		
General Expectations, Rights and Responsibilities of the Student		
<p>As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with the university's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the program administrator as a next step.</p>		
Academic Integrity		
<p>Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator.</p> <p>Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are "experts" writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.</p>		
Campus Policy on Disabilities		
<p>If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.</p>		
Accommodation to Students' Religious Holidays		
<p>It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.</p>		



COURSE SYLLABUS	
COURSE INFORMATION	
Course Code: COMP506	Level: Postgraduate Credit: 3
Course Title: Algorithm and Data Structure	
PREREQUISITE	
N/A	
COURSE OVERVIEW	
<p>This course provides students with the opportunity to understand the essential data structures and algorithms. It covers fundamental data structures, algorithm analysis and design techniques required to address real-world programming challenges. It deepens students' understanding of the design and analysis of memory and time-efficient data structures and problem-solving strategies used in various complex applications.</p> <p>The course covers topics including:</p> <ul style="list-style-type: none">• Asymptotic complexity analysis• Basic data structures (arrays, lists, trees, graphs, and hash tables)• General algorithm design patterns (recursion, dynamic programming)• Sorting algorithms• Basic graph algorithms (traversal, topological sorting, connected component)• Advanced graph algorithms (MST, Shortest-path, Matching)	
LEARNING OUTCOME	
<p>Upon successful completion of this course, students should be able to:</p> <ol style="list-style-type: none">1. Understand the internal workings of fundamental data structures and algorithms.2. Determine the running time and memory space usage of common algorithms.3. Adapt or invent new algorithms and data structures for software engineering problems.4. Analyze the performance of algorithms built on fundamental data structures and algorithms.5. Select and justify appropriate combinations of data structures and algorithms to solve software engineering problems.	
CLASS HOURS	
Total Program Duration:	3 Weeks in Total
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)
LEARNING RESOURCES	
Required Textbook	
[CLRS] Cormen, T., Leiserson, C.E., Rivest, R.L., Stein, C. <i>Introduction to Algorithms</i> . 3rd Edition. MIT	
Reference Books & Online Resources	
[GTG] Goodrich, M.T., Tamassia, R., Goldwasser M.H. <i>Data Structures & Algorithms in Python</i> , 1st Edition, Wiley.	
Suggested Textbook	
N/A	
Other Teaching Methods	
N/A	



COURSE INFORMATION			
Course Code: COMP506		Level: Postgraduate	Credit: 3
Course Title: Algorithm and Data Structure			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Analysis of Algorithms • Programming Basics • Big-O and Other Notations • Asymptotic Analysis • Recursion	Chapter 2 & 3
	2	Linked Lists, Stacks, Queues • Singly Linked List • Doubly Linked List • Stacks • Queues	Chapter 10
	3	Trees: • Tree Traversal • Binary Search Tree • Advanced Trees (Splay Tree, Red-black Tree, B-Tree)	Chapter 12 & 13
	4	Priority Queues • Priority Queues and Heaps • Adaptive Priority Queues Quiz 1	Chapter 19
	5	Sorting • Bubble Sort • Merge Sort • Quick Sort Assignment 1 Due	Chapter 7
2	1	Mid-Term Exam	
	2	Sorting • Bucket Sort • Radix Sort • Sorting Lower Bounds	Chapter 8
	3	Maps and Dictionaries • Maps • Hash tables • Skip lists	Chapter 11



COURSE INFORMATION			
Course Code: COMP506		Level: Postgraduate	Credit: 3
Course Title: Algorithm and Data Structure			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
2	4	Graph • Graph types • Graph representations: Adjacency matrix and adjacency list Quiz 2	Chapter 22
	5	Graph • Graph traversal • Connected component • Topological sort	Chapter 22
3	1	Graph • Minimum Spanning Tree • Dijkstra's algorithm • Bellman-Ford Algorithm Assignment 2 Due	Chapter 23 & 24
	2	Advanced Algorithms • Dynamic Programming • Greedy algorithms	Chapter 15 & 16
	3	String Matching • Rabin-Karp Algorithm • KMP Algorithm	Chapter 32
	4	Revision	Review
	5	Final Exam	
ASSESSMENT			
Assessment Task			Percent (%)
Attendance/Participation			10%
Quiz 1			5%
Quiz 2			5%
Assignment 1			10%
Assignment 2			10%
Mid-Term Exam			20%
Final Exam			40%
Total			100%



COURSE INFORMATION														
Course Code: COMP506	Level: Postgraduate	Credit: 3												
Course Title: Algorithm and Data Structure														
DETAILS ON GRADE COMPONENTS														
<p>Attendance and Participation</p> <p>Students are required to attend all classes and participate actively. Students should treat their classroom obligations as they would treat any serious professional engagement. Your participation grade will be based on the instructor's assessment of how well you contribute to classroom dynamics relative to your class peers.</p> <p>In case of an absence, the student is responsible for the materials and assignments for that class; it is the student's responsibility to inform the instructor regarding absences and assignments that are missed. Unexcused absence from three or more scheduled class sessions will be grounds for failure in this course. If you do have to miss class due to a personal emergency, please let the instructor know as soon as possible. Such emergencies will be dealt with on a case-by-case basis.</p> <p>Participation grades will be based on quality (in-class performance that reflects intellectual depth, insightfulness, and contribution to class learning) and quantity (consistency and regularity of performance). Accordingly, you are expected to read the related chapters before participating the class. Be prepared to be called upon to "open" a class discussion by presenting your full analysis and thoughts on the assigned topic at the start of class, or to be asked through a "cold call" for comment during the discussion. The grading of class participation is necessarily a subjective exercise. However, high- quality comments have one or more of the following characteristics: (1) insightfulness, (2) appropriate application of course concepts, and (3) advancement of the in-class discussion at hand.</p> <p>Quizzes</p> <p>Quizzes will happen on the first and second weeks to review and reinforce what has been learned in the previous classes.</p> <p>Assignments</p> <p>To enhance the learning process, students have to submit two assignments. Each assignment weighs 10% of the total marks.</p> <p>Assignment 1 covers the contents of the first week. It is due on Friday of the first week.</p> <p>Assignment 2 covers the contents of the second week. It is due on Monday of the third week.</p> <p>Mid-Term Exam</p> <p>The mid-semester examination will be held on Monday of the second week. It will cover the contents of the first week.</p> <p>Final Examination</p> <p>An in-class final examination will be administered at the end of the course on Friday of the third week. Details of contents, exam format, etc. will be announced in class well before the examination dates.</p>														
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Grade	Percentage %													
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COURSE INFORMATION		
Course Code: COMP506	Level: Postgraduate	Credit: 3
Course Title: Algorithm and Data Structure		
COURSE GRADING		
For Post-Graduate Students To pass this subject, students are required to obtain Grade B or above in order to satisfy all the intended learning outcomes.		
For Undergraduate Students To pass the subject, students are required to obtain Grade C or above in order to satisfy all the intended learning outcomes.		
ACADEMIC INTEGRITY & ACCOMMODATION		
Classroom Behavior Statements 1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences. 2. Classroom participation is a part of your grade in this course. To participate you must attend class having prepared the materials for the day. Questions and comments must be relevant to the topic at hand. 3. You are expected to be on time. Packing up your things early is disruptive. 4. Raise your hand to be recognized. 5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences. 6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations. 7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class. 8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.)		
E-classroom Protocol Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off. Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams. Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.		



COURSE INFORMATION		
Course Code: COMP506	Level: Postgraduate	Credit: 3
Course Title: Algorithm and Data Structure		
UNIVERSITY POLICIES		
General Expectations, Rights and Responsibilities of the Student As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with the university's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the program administrator as a next step.		
Academic Integrity Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator. Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are "experts" writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.		
Campus Policy on Disabilities If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.		
Accommodation to Students' Religious Holidays It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.		



COURSE SYLLABUS	
COURSE INFORMATION	
Course Code: COMP603	Level: Postgraduate Credit: 3
Course Title: Advanced Machine Learning	
PREREQUISITE	
N/A	
COURSE OVERVIEW	
<p>This course introduces students to recent developments and state-of-the-art methods in machine learning with an focus on artificial neural networks. This advanced course builds on prior knowledge of machine learning and provides a comprehensive coverage of many concepts, models, and algorithms with artificial neural networks. The goal is to become familiar with several advanced machine-learning methods, and to code them efficiently in Python using current neural-network packages. Students will learn how to apply such techniques to a range of problems, using Python, and learn how to analyze outputs from the applications. Students will perform assignments that involve a variety of real- world datasets from a variety of domains. The course expects the students to have a basic understanding of Python programming.</p>	
LEARNING OUTCOME	
<p>After successful completion of this course students should be able to:</p> <ol style="list-style-type: none">1. Understand the core theories and concepts of Machine Learning.2. Understand the core concepts and algorithms of Artificial Neural Networks.3. Understand a wide variety of advanced machine learning models and algorithms.5. Formulate an algorithm that instantiates a given Machine Learning model using appropriate data.6. Understand how to evaluate models generated from real-world data.7. Apply the algorithms to a real-world problem, optimize the models learned and report on the expected accuracy that can be achieved by applying the models.8. Interpret the results of Machine Learning running on real data.	
CLASS HOURS	
Total Program Duration:	3 Weeks in Total
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)
LEARNING RESOURCES	
Required Textbook	
Goodfellow, I., Bengio, Y., & Courville, A. (2016). Deep learning. MIT press. Jurafsky, D. & Martin, J. H. (2021). Speech and Language Processing (3rd ed. Draft).	
Reference Books & Online Resources	
N/A	
Suggested Textbook	
N/A	
Other Teaching Methods	
N/A	



COURSE INFORMATION			
Course Code: COMP603		Level: Postgraduate	Credit: 3
Course Title: Advanced Machine Learning			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Introduction and course overview Introduction to Machine Learning using Python	Chapter 1 of [GBC]
	2	Machine Learning Foundations: PAC learning, generalization, bias-variance tradeoff, regularization, cross-validation	Chapter 5 of [GBC]
	3	Neural Networks I: Perceptron and Artificial Neural Networks (ANNs)	Chapter 6 of [GBC]
	4	Neural Networks II: Artificial Neural Networks (prediction and back-propagation) (Quiz 1)	Chapters 6, 8 of [GBC]
	5	Neural Networks III: Other techniques for ANNs, including drop off, various normalization and regularization techniques	Chapter 7 of [GBC]
2	1	Mid-Term Exam (Assignment 1 Due)	
	2	Neural Networks IV: ANN models for computer vision	Chapter 9 of [GBC]
	3	Special Topics I: Introduction to natural language processing	Chapter 1 of [JM]
	4	Special Topics II: Word and sentence representation learning	Chapters 6, 7 of [JM]
	5	Special Topics III: Recurrent neural networks (Quiz 2)	Chapter 10 of [GBC]
3	1	Special Topics IV: Attention Mechanism Assignment 2 Due	Research papers
	2	Recommendation System I: Similarity-based and Matrix factorization-based Models	Research papers
	3	Recommendation System II: Neural Network-based Models	Research papers
	4	Revision	Review
	5	Final Exam	
ASSESSMENT			
Assessment Task		Percent (%)	
Attendance/Participation		10%	
Quiz 1		5%	
Quiz 2		5%	
Practical Assignment 1		10%	



COURSE INFORMATION		
Course Code: COMP603	Level: Postgraduate	Credit: 3
Course Title: Advanced Machine Learning		
ASSESSMENT		
Practical Assignment 2	10%	
Mid-Term Exam	20%	
Final Exam	40%	
Total	100%	
DETAILS ON GRADE COMPONENTS		
Attendance and Participation Students are required to attend all classes and participate actively. Students should treat their classroom obligations as they would treat any serious professional engagement. Your participation grade will be based on the instructor's assessment of how well you contribute to classroom dynamics relative to your class peers. In case of an absence, the student is responsible for the materials and assignments for that class; it is the student's responsibility to inform the instructor regarding absences and assignments that are missed. Unexcused absence from three or more scheduled class sessions will be grounds for failure in this course. If you do have to miss class due to a personal emergency, please let the instructor know as soon as possible. Such emergencies will be dealt with on a case-by-case basis. Participation grades will be based on quality (in-class performance that reflects intellectual depth, insightfulness, and contribution to class learning) and quantity (consistency and regularity of performance). Accordingly, you are expected to read the related chapters before participating the class. Be prepared to be called upon to "open" a class discussion by presenting your full analysis and thoughts on the assigned topic at the start of class, or to be asked through a "cold call" for comment during the discussion. The grading of class participation is necessarily a subjective exercise. However, high-quality comments have one or more of the following characteristics: (1) insightfulness, (2) appropriate application of course concepts, and (3) advancement of the in-class discussion at hand.		
Quizzes Quizzes will happen on the first and second weeks to review and reinforce what has been learned in the previous classes.		
Practical Assignments To enhance the learning process, students have to submit two practical assignments. Each assignment weighs 10% of the total marks. Assignment 1 covers Linear regression, Over-fitting and Regularization. It is due on Friday of the first week. Assignment 2 covers Decision trees, Artificial Neural Network (ANN), Deep Learning and Clustering. It is due on Monday of the third week.		
Midterm Exam The mid-semester examination will be held on Monday of the second week. It will cover all the contents of the first week.		
Final Exam An in-class final examination will be administered at the end of the course on Friday of the third week. Details of contents, exam format, etc. will be announced in class well before the examination dates.		



COURSE INFORMATION

Course Code: COMP603 **Level:** Postgraduate **Credit:** 3

Course Title: Advanced Machine Learning

COURSE GRADING

Upon completion of this course, you receive a final grade. The final grade is a letter grade that carries with it a numerical value, as outlined below.

Grade	Percentage %
A	80-100
B	70-79
C	60-69
D	50-59
E	0-49

For Post-Graduate Students

To pass this subject, students are required to obtain Grade B or above in order to satisfy all the intended learning outcomes.

For Undergraduate Students

To pass the subject, students are required to obtain Grade C or above in order to satisfy all the intended learning outcomes.

ACADEMIC INTEGRITY & ACCOMMODATION

Classroom Behavior Statements

1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences.
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3. You are expected to be on time. Packing up your things early is disruptive.
4. Raise your hand to be recognized.
5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences.
6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations.
7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class.
8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.)



COURSE INFORMATION		
Course Code: COMP603	Level: Postgraduate	Credit: 3
Course Title: Advanced Machine Learning		
E-classroom Protocol Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off. Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams. Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.		
UNIVERSITY POLICIES		
General Expectations, Rights and Responsibilities of the Student As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with the university's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the program administrator as a next step.		
Academic Integrity Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator. Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are "experts" writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.		
Campus Policy on Disabilities If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.		
Accommodation to Students' Religious Holidays It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.		



COURSE SYLLABUS			
COURSE INFORMATION			
Course Code:	FIN503	Level:	Postgraduate
		Credit:	3
Course Title: Fixed Income Securities			
PREREQUISITE			
Business finance/ Foundation course (Finance/Accounting)			
COURSE OVERVIEW			
This unit aims to provide students with a thorough understanding of the fixed income market, securities and portfolio management. Topics include fixed income analysis, interest rate volatility and security, the term structure of interest rates, interest rate risk and return, securitized products, bond portfolio management ; and risk management techniques.			
LEARNING OUTCOME			
Upon successful completion of this course, students should be able to:			
1. Critically analyze the characteristics of fixed income, securities, markets, and valuation techniques.			
2. Apply quantitative skills in risk analysis and valuation of fixed income portfolios.			
3. Demonstrate good understanding of various term structure of interest rate theories and apply appropriate techniques to use them.			
4. Understand and be able to apply advance interest rate risk management tools.			
5. Critically evaluate trading and portfolio management strategies and performance.			
CLASS HOURS			
Total Program Duration:	3 Weeks in Total		
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)		
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)		
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)		
LEARNING RESOURCES			
Required Textbook			
Fabozzi, F. J. (2021). <i>Bond Markets, Analysis, and Strategies</i> . 10th Edition. MIT Press.			
Reference Books & Online Resources			
Martellini, L., Priaulet, S., & Priaulet, S. (2003). <i>Fixed-Income Securities</i> . Wiley. (Reading list: MPP)			
Suggested Textbook			
N/A			
Other Teaching Methods			
N/A			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Basic Analytical Tools and Interest Rates Introduction to the Course & Bond Prices	Chapter 1-3
	2	Pricing of Bonds & Measuring Yield	Chapter 2-4
	3	Bond Price Volatility, Duration and convexity	Chapter 5 & 6
	4	The Theory and History of Interest Rates Factors Affecting Bond Yields	Chapter 6
	5	Term structure of Interest rates, Spot rate and forward rates & bond yields	Chapter 7 & 9



COURSE INFORMATION			
Course Code:	FIN503	Level:	Postgraduate
		Credit:	3
Course Title:	Fixed Income Securities		
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
2	1	Bond Markets Government Bonds, Agency securities, Mortgage-backed Securities: Pass-Through & CMO	Chapter 7 & 12-13
	2	Corporate bonds and notes, securitization & Asset-Backed Securities	Chapter 8 & 15-16
	3	International Bonds	Chapter 10
	4	Corporate Bond Credit Analysis	Chapter 22
	5	Quiz Deadline: Group Assignment	
3	1	Bond Derivatives & Bond Portfolio Management Analysis of Bonds with Embedded Options	Chapter 19
	2	Bond Portfolio Management I: Strategies & Construction	Chapter 24 & 25
	3	Bond Portfolio Management II: Managing Corporate Bond Portfolio	Chapter 26
	4	Revision	
	5	Final Exam	
ASSESSMENT			
Assessment Task			Percent (%)
Attendance/Participation			10%
Group Assignment			35%
Quiz			15%
Final Exam			40%
Total			100%
DETAILS ON GRADE COMPONENTS			
<p>Note: Students should note that the lecture program outlined above is a guide to the material to be covered in this course and not a definitive statement of when that material will be covered. Adjustments might be made during the course if the pace is faster/slower than expected.</p> <p>Class Attendance and Participation</p> <p>Class lectures will be a mix of traditional lectures and time spent working together on applications and exercises. To free up more time for working through problems together, students should read the relevant chapter before coming to the class. Discussion sessions will be used to allow students to clarify their understanding of the topics from the lecture and textbook.</p> <p>If students miss more than 5 classes and did not receive permission from the instructor, they will automatically get a letter grade of F for this class, which is a failing grade. If a student has to miss class due to some personal emergencies or family issues, he/she should inform the TA or the instructor to get permission immediately. And students are held responsible for the class materials and homework for the class they will miss. Class participation is highly encouraged by the instructor, and the instructor will provide opportunities for the students to participate during the class period. Students should read all assigned reading materials to be well prepared for discussion.</p>			



COURSE INFORMATION														
Course Code: FIN503	Level: Postgraduate	Credit: 3												
Course Title: Fixed Income Securities														
DETAILS ON GRADE COMPONENTS														
Group Assignment (4 students per group) More detailed assessment guidelines will be provided in class. The group is expected to work as a team. All the group members MUST involve in group discussion, contribute to the overall quality of the group report. Any evidence of students freeloading within a group will get Zero.														
Quiz May consist of a combination of multiple choice questions, short answer questions. The quiz will be 1.0 hour long. The quiz will take place during Day 5 of Week 2 (or lecture day 10). The quiz will be held online. Lecture slides from Lecture day 1 to 8 will help students prepare for the test.														
Final Exam May consist of a combination of multiple choice questions, short answer questions, and problem solving questions. The Final exam will take place during Day 5 of week 3. The final exam will be 2.0 hours long. More Detailed information on the final exam will be provided by the lecturer in class.														
COURSE GRADING														
Upon completion of this course, you receive a final grade. The final grade is a letter grade that carries with it a numerical value, as outlined below.														
	<table border="1"><thead><tr><th>Grade</th><th>Percentage %</th></tr></thead><tbody><tr><td>A</td><td>80-100</td></tr><tr><td>B</td><td>70-79</td></tr><tr><td>C</td><td>60-69</td></tr><tr><td>D</td><td>50-59</td></tr><tr><td>E</td><td>0-49</td></tr></tbody></table>	Grade	Percentage %	A	80-100	B	70-79	C	60-69	D	50-59	E	0-49	
Grade	Percentage %													
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COURSE GRADING														
For Post-Graduate Students To pass this subject, students are required to obtain Grade B or above in order to satisfy all the intended learning outcomes.														
For Undergraduate Students To pass the subject, students are required to obtain Grade C or above in order to satisfy all the intended learning outcomes.														



COURSE INFORMATION		
Course Code: FIN503	Level: Postgraduate	Credit: 3
Course Title: Fixed Income Securities		
ACADEMIC INTEGRITY & ACCOMMODATION		
Classroom Behavior Statements		
<p>1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences.</p> <p>2. Classroom participation is a part of your grade in this course. To participate you must attend class having prepared the materials for the day. Questions and comments must be relevant to the topic at hand.</p> <p>3. You are expected to be on time. Packing up your things early is disruptive.</p> <p>4. Raise your hand to be recognized.</p> <p>5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences.</p> <p>6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations.</p> <p>7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class.</p> <p>8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.)</p>		
E-classroom Protocol		
<p>Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off.</p> <p>Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams.</p> <p>Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.</p>		
UNIVERSITY POLICIES		
General Expectations, Rights and Responsibilities of the Student		
<p>As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with the university's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the program administrator as a next step.</p>		



COURSE INFORMATION		
Course Code: FIN503	Level: Postgraduate	Credit: 3
Course Title: Fixed Income Securities		
UNIVERSITY POLICIES		
Academic Integrity Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator. Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are “experts” writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.		
Campus Policy on Disabilities If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.		
Accommodation to Students' Religious Holidays It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.		



COURSE SYLLABUS			
COURSE INFORMATION			
Course Code:	FIN504	Level:	Postgraduate
		Credit:	3
Course Title: Investment and Portfolio Management			
PREREQUISITE			
A course in fundamental finance or equivalent			
COURSE OVERVIEW			
This course will provide students with a solid background and understanding of key issues involved in investment analysis and portfolio management. Students will learn the theory and practical skills necessary to evaluate investment proposals that meet financial aims. Students will also develop the ability to apply the key principles and best practices in portfolio management, and evaluate different investment strategies.			
LEARNING OUTCOME			
Upon successful completion of this course, students should be able to:			
1. Understand major asset classes and financial instruments.			
2. Describe the characteristics of various groups in the funds management industry.			
3. Analyse financial data in order to assess a particular investment or investment strategy.			
4. Understand modern portfolio theory and asset allocation.			
5. Evaluate market efficiency and its implications for investment and portfolio management.			
CLASS HOURS			
Total Program Duration:	3 Weeks in Total		
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)		
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)		
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)		
LEARNING RESOURCES			
Required Textbook			
Bodie, Z., Kane, A., Marcus, A. (2021). <i>Investments</i> . 12th Edition. McGraw-Hill			
Reference Books & Online Resources			
N/A			
Suggested Textbook			
N/A			
LEARNING RESOURCES			
Other Teaching Methods			
Lecture slides, supplementary readings and other supporting teaching materials			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Investment environment, asset classes and how securities are traded	Chapters 1-3
	2	Risk and returns	Chapter 5
	3	Market model	Chapter 8
	4	ETFs, mutual funds and hedge funds	Chapters 4 & 26
	5	Excel refresher, Quiz #1	Lecture slides



COURSE INFORMATION			
Course Code:	FIN504	Level:	Postgraduate
		Credit:	3
Course Title:	Investment and Portfolio Management		
WEEKLY SCHEDULE			
2	1	Efficient market hypothesis	Chapter 11
	2	Capital allocation to risky assets	Chapter 6
	3	Efficient diversification	Chapter 7
	4	Efficient diversification (con't), Quiz #2	Chapter 7
	5	Capital asset pricing model	Chapter 9
3	1	Multifactor models	Chapter 10
	2	Size, value and momentum	Chapter 13
	3	Performance evaluation, Quiz #3	Chapter 24
	4	Course Review	Lecture slides
	5	Final Exam	
ASSESSMENT			
Assessment Task		Percent (%)	
Attendance /Participation		10%	
Group Assignment		30%	
Mid-Term Exam/Quiz		30%	
Final Exam		30%	
Total		100%	
DETAILS ON GRADE COMPONENTS			
Class Attendance and Participation			
<p>If students miss more than 5 classes and did not receive permissions from the instructor, they will automatically get a letter grade of F for this class, which is a failing grade. If a student has to miss class due to some personal emergencies or family issues, he/she should inform the TA or the instructor to get permission immediately. And students are held responsible for the class materials and homework for the class they will miss. Class attendance and participation each requires (5%), in total 10% of the grade.</p>			
Assignment			
<p>The assignment is addressed in group of three students (the group size is determined by total enrollment for the course). Failure to turn in the assignment will result in 0 mark. At the end of the semester all students will be allowed to submit a form evaluating the contributions of their teammates. Penalties will be assigned to a student only if there is a consensus that his or her contributions were significantly lower than those of the rest of the team.</p>			
Midterm/Quiz			
<p>There are 3 quizzes, conducted during class time. Each quiz is worth 10% and will run for about 40 minutes</p>			
DETAILS ON GRADE COMPONENTS			
Exam			
<p>The final exam will be cumulative. Students experiencing medical and family emergencies will be given an opportunity to take a makeup exam; the exam makeup will occur after the regular exam and will differ from the original exam. The time of the exam makeup will be at my discretion, and I reserve the right to ask for documentation of all requests for this.</p>			



COURSE INFORMATION

Course Code: FIN504

Level: Postgraduate

Credit: 3

Course Title: Investment and Portfolio Management

COURSE GRADING

Upon completion of this course, you receive a final grade. The final grade is a letter grade that carries with it a numerical value, as outlined below.

Grade	Percentage %
A	80-100
B	70-79
C	60-69
D	50-59
E	0-49

For Post-Graduate Students

To pass this subject, students are required to obtain Grade B or above in order to satisfy all the intended learning outcomes.

For Undergraduate Students

To pass the subject, students are required to obtain Grade C or above in order to satisfy all the intended learning outcomes.

ACADEMIC INTEGRITY & ACCOMMODATION

Classroom Behavior Statements

1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences.
2. Classroom participation is a part of your grade in this course. To participate you must attend class having prepared the materials for the day. Questions and comments must be relevant to the topic at hand.
3. You are expected to be on time. Packing up your things early is disruptive.
4. Raise your hand to be recognized.
5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences.
6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations.
7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class.
8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.)



COURSE INFORMATION		
Course Code: FIN504	Level: Postgraduate	Credit: 3
Course Title: Investment and Portfolio Management		
ACADEMIC INTEGRITY & ACCOMMODATION		
E-classroom Protocol		
<p>Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off.</p> <p>Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams.</p> <p>Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.</p>		
UNIVERSITY POLICIES		
General Expectations, Rights and Responsibilities of the Student		
<p>As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with the university's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the program administrator as a next step.</p>		
Academic Integrity		
<p>Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator.</p> <p>Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are "experts" writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.</p>		
Campus Policy on Disabilities		
<p>If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.</p>		
Accommodation to Students' Religious Holidays		
<p>It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.</p>		



COURSE SYLLABUS	
COURSE INFORMATION	
Course Code: FIN520	Level: Postgraduate Credit: 3
Course Title: Risk Management and Derivatives	
PREREQUISITE	
Financial Management, Calculus, and Statistics. Students who have not met those prerequisites must obtain a permission from the course instructor in order to take this course.	
COURSE OVERVIEW	
<p>This course is designed to provide students with in-depth knowledge of important concepts about risks and risk management in business. Students will learn how to carry out detailed analysis of the measurement of financial risk and get familiar with the tools and techniques to manage financial risk. While the emphasis is on financial risk, students will be exposed to broader areas where risk and risk management are relevant. For example, how to reduce operational risk is normally considered outside the traditional field of financial risk management, but it is a common risk in business with potentially big consequences. Duration matching is a risk-hedging technique widely used in the banking industry that can be applied to managing a business's cash flows and its debt policy. All the concepts and techniques introduced in this course are closely related one way or the other. Successful completion of the course will help to identify the best strategy of decision-making process. Topics include risk and return, mapping out the landscape of risk, financial disasters and insurance, operational risk, understanding bankruptcy, global and foreign currency exchange risk, interest rate risk, credit risk, business and corporate risk, hedging techniques, financial derivatives – futures, call and put options, swaps, and exotic options and swaptions, and how to use them to reduce financial risk. Specifically, students will learn how some of those pricing frameworks are developed and how they are implemented in various situations. A strong quantitative background will be very helpful for the success in this course.</p>	
LEARNING OUTCOMES	
Upon successful completion of this course, students should be able to:	
<ol style="list-style-type: none">1. Adopt a holistic view of risk and return.2. Understand the tools for measuring risks and their limitations.3. Apply various hedging techniques to manage business and financial risks;4. price risky assets in a more systematic and economically sound way.5. Understand the implication of arbitrage-free principle and its critical role in asset pricing.6. Understand insurance and its role in managing risk, and some fundamental issues in insurance risk management.7. Understand financial derivatives, how to use them, and their limitations.8. Be able to analyze contemporary economic issues such as financial and economic crises, and the role of financial derivatives and innovations in the that context.	
CLASS HOURS	
Total Program Duration:	3 Weeks in Total
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)
LEARNING RESOURCES	
Required Textbook	
Hull, J.C. (2017). <i>Fundamentals of Futures and Options Markets</i> , 9th Edition. Pearson.	



COURSE INFORMATION			
Course Code: FIN520		Level: Postgraduate	
Credit: 3			
Course Title: Risk Management and Derivatives			
Reference Books & Online Resources			
1. Koski, J. L., & Pontiff, J. (1999). <i>How Are Derivatives Used? Evidence from the Mutual Fund Industry</i> . Journal of Finance, 54(2), 791-816.			
2. Stulz, R. M. (2004). <i>Should We Fear Derivatives?</i> . No. w10574. National Bureau of Economic Research.			
3. Taleb, N. N. (2010). <i>The Black Swan: The Impact of the Highly Improbable</i> . 2nd Edition. Random House LLC.			
4. Taleb, N.N. (2008). <i>Fooled by Randomness: The Hidden Role of Chance in Life and in the Markets</i> . Random House LLC.			
5. Ball, P. (2006). <i>Critical Mass</i> . 1st American Edition. Farrar, Straus and Giroux.			
6. Kahneman, D. (2011). <i>Thinking, Fast and Slow</i> . Farrar, Straus and Giroux.			
7. Mandelbrot, B., & Hudson, R. L. (2007). <i>The Misbehavior of Markets</i> . Basic Books.			
Suggested Textbook			
N/A			
Other Teaching Methods			
N/A			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Introduction; Overview of Business Risk and Financial Risk	Chapter 1
	2	Futures markets and central counterparties	Chapter 2
	3	Hedging strategies using futures	Chapter 3
	4	Determination of forward and futures prices	Chapter 5
	5	Mechanics of options markets	Chapter 9
2	1	Trading strategies involving options	Chapter 11
	2	Valuing stock options: Binomial trees and the Black-Scholes-Merton model	Chapter 13
	3	Option hedging: The Greek letters	Chapter 17
	4	Discussion and Review	
	5	Mid-Term Exam	
3	1	Interest Rate risk, Duration-Matching and Interest Rate Futures	Chapter 4 & 6
	2	Interest Rate Swap; Comparative Advantage	Chapter 7
	3	Currency Swap	Chapter 7
	4	Credit Derivatives, Exotic Derivatives	Chapter 23
	5	Final Exam	
ASSESSMENT			
Assessment Task			Percent (%)
Attendance/Participation			10%
Quizzes and Assignments			30%
Mid-Term Exam			30%
Final Exam			30%
Total			100%



COURSE INFORMATION		
Course Code: FIN520	Level: Postgraduate	Credit: 3
Course Title: Risk Management and Derivatives		
DETAILS ON GRADE COMPONENTS		
Quizzes and Assignments Quizzes and assignments will be given and collected. They will help students better understand the topics under discussion and provide students the opportunities to work on problems. There is no credit for a late turn-in of the quizzes and assignments unless there is a verifiable reason for the delay.		
Class Attendance and Participation Students are required to attend all classes and participate actively. Students should treat their classroom obligations as they would treat any serious professional engagement. Your participation grade (10% of the total course grade) will be based on the instructor's assessment of how well you contribute to classroom dynamics relative to your class peers; each class member is expected and encouraged to contribute to the dialogue or discussion. It is important that you read the assigned readings as background information on the issue/topic <i>before</i> each class session. The classroom will provide you an opportunity to present your views and opinions on the topics under discussion, and to help you refine your knowledge and perspective of cross-border management based on these interactions. Please note the following: In case of an absence, the student is responsible for the materials and assignments for that class; it is the student's responsibility to contact the course Teaching Assistant regarding absences and assignments that are missed. Students must submit a one-page write-up summarizing any assigned textbook chapter reading for each missed session; this will be due within one week of the missed session. Unexcused absence from five or more scheduled class sessions (which is a total of 33% of this course) will be grounds for failure. If you do have to miss class due to a personal emergency, please let the Teaching Assistant know as soon as possible. Such emergencies will be dealt with on a case-by-case basis. Participation grades will be based on quality (in-class performance that reflects intellectual depth, insightfulness, and contribution to class learning) and quantity (consistency and regularity of performance). Quality counts more. However, one cannot make quality comments without at least some degree of participation, so in this respect quantity will have some weight. But do keep in mind the following when considering your participation in class discussions: sometimes it's better to remain silent and have others think you are unprepared or a bit dim, rather than speaking out and confirming those suspicions.		
DETAILS ON GRADE COMPONENTS		
Accordingly, you are expected to come fully prepared and ready to participate for every class. Be prepared to be called upon to "open" a class discussion by presenting your full analysis and thoughts on the assigned topic at the start of class, or to be asked through a "cold call" for comment in the midst of the discussion.		



COURSE INFORMATION

Course Code: FIN520

Level: Postgraduate

Credit: 3

Course Title: Risk Management and Derivatives

DETAILS ON GRADE COMPONENTS

The grading of class participation is necessarily a subjective exercise. However, high- quality comments have one or more of the following characteristics: **(1) insightfulness, (2) appropriate application of course concepts, and (3) advancement of the in-class discussion at hand.** Some specific criteria for evaluating discussion contributions are:

- Does the student demonstrate an eagerness to participate?
- Is the student a good listener? Does he/she build on others’ comments?
- Is the student willing to interact with other class members?
- Are the points made relevant to the discussion? Are they linked to others’ comments?
- Do comments demonstrate evidence of in-depth analysis of the case?
- Do comments add to our understanding of the situation?
- Do comments make a substantive contribution to the advancement of our analysis?
- Is there a willingness to test new ideas, or are the comments “safe?”
- Do comments show an understanding of concepts or analytical techniques properly applied to the current situation?
- Is the student presenting insightful quantitative analysis (when required)?
- Is the student demonstrating ethical considerations and insights?

Exam

An in-class mid-term examination will be administered during the middle of Week 2, and an in-class final examination will be administered at the end of the course. Details of content, exam format, etc. will be announced in class well before the examination dates.

Upon completion of this course, you receive a final grade. A final grade is a letter grade that carries with it a numerical value, as outlined below.

COURSE GRADING

Upon completion of this course, you receive a final grade. The final grade is a letter grade that carries with it a numerical value, as outlined below.

Grade	Percentage %
A	80-100
B	70-79
C	60-69
D	50-59
E	0-49

COURSE GRADING

For Post-Graduate Students

To pass this subject, students are required to obtain Grade B or above in order to satisfy all the intended learning outcomes.

For Undergraduate Students

To pass the subject, students are required to obtain Grade C or above in order to satisfy all the intended learning outcomes.



COURSE INFORMATION		
Course Code: FIN520	Level: Postgraduate	Credit: 3
Course Title: Risk Management and Derivatives		
ACADEMIC INTEGRITY & ACCOMMODATION		
Classroom Behavior Statements		
<p>1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences.</p> <p>2. Classroom participation is a part of your grade in this course. To participate you must attend class having prepared the materials for the day. Questions and comments must be relevant to the topic at hand.</p> <p>3. You are expected to be on time. Packing up your things early is disruptive.</p> <p>4. Raise your hand to be recognized.</p> <p>5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences.</p> <p>6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations.</p> <p>7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class.</p> <p>8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.)</p>		
E-classroom Protocol		
<p>Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off.</p> <p>Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams.</p> <p>Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.</p>		
UNIVERSITY POLICIES		
General Expectations, Rights and Responsibilities of the Student		
<p>As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with the university's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the program administrator as a next step.</p>		



COURSE INFORMATION		
Course Code: FIN520	Level: Postgraduate	Credit: 3
Course Title: Risk Management and Derivatives		
UNIVERSITY POLICIES		
Academic Integrity Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator. Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are “experts” writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.		
UNIVERSITY POLICIES		
Campus Policy on Disabilities If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.		
Accommodation to Students' Religious Holidays It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.		



COURSE SYLLABUS	
COURSE INFORMATION	
Course Code: FIN602	Level: Postgraduate Credit: 3
Course Title: International Finance	
PREREQUISITE	
N/A	
COURSE OVERVIEW	
This unit is designed to provide students with the theoretical and analytical skills to understand international financial issues, portfolio management, and capital market. This course should help students to acquire required theoretical and practical knowledge and skills relevant to international finance which is essential to run a successful global business operation. Topic covered in this course includes global financial issues, international foreign exchange market, international monetary system, international finance and currency forecasting, currency swaps, interest rate, derivatives, financial risk analysis, corporate strategy and capital budgeting for the multinational corporation.	
LEARNING OUTCOME	
Upon successful completion of this course, students should be able to: 1. Understand the contemporary financial market and issues. 2. Understand key theories and concepts of international finance. 3. Critically analyze and interprets financial data and information. 4. Analyze financial risks and develop strategies for businesses operating in the global environment. 5. Analyze, interpret and communicate financial data and information in a professional environment.	
CLASS HOURS	
Total Program Duration:	3 Weeks in Total
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)
LEARNING RESOURCES	
Required Textbook	
Shapiro, A. C., & Hanoian, P. (2019). <i>Multinational Financial Management</i> . 11th Edition. Wiley.	
Reference Books & Online Resources	
• Financial Times https://www.ft.com/ • Wall Street Journal https://www.wsj.com/	
Suggested Textbook	
Other Teaching Methods	
• Eun, C., Resnick, B., & Chuluun, T. (2020). <i>International Financial Management</i> . 9th Edition. McGraw-Hill Education. • Jarrow, R. A., & Chatterjea, A. (2019). <i>An Introduction to Derivative Securities, Financial Markets, and Risk Management</i> . 2nd Edition. World Scientific US.	



COURSE INFORMATION			
Course Code: FIN602		Level: Postgraduate	Credit: 3
Course Title: International Finance			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Course Overview Introduction to International Finance Discuss some contemporary global financial issues Group formation & Topic Discussion	Chapter 1 Discuss articles from Financial Times & Wall Street Journal
	2	Exchange Rate & International Foreign Exchange Market	Chapter 2 & 6 Discuss relevant articles from Financial Times & Wall Street Journal
	3	International Monetary System <i>Discussion on Group Presentation</i>	Chapter 3
	4	International Finance and Currency Forecasting	Chapter 4
	5	The Balance of Payments and International Economic Linkages <i>Presentation (Group)</i>	Chapter 5
2	1	Currency Futures and Options Markets <i>Discuss Group Assignment progress</i>	Chapter 7
	2	Currency Swaps, Interest Rate, and Credit Derivatives	Chapter 8
	3	Measuring and Managing Translation and Transaction Exposure	Chapter 9
	4	Measuring and Managing Economic Exposure	Chapter 10
	5	International Financing and National Capital Markets International Portfolio Management <i>Deadline: Submit Group Assignment</i>	Chapter 11&13
3	1	Country Risk Analysis The Cost of Capital for Foreign Investments	Chapter 14&15
	2	Corporate Strategy and Foreign Direct Investment	Chapter 16
	3	Capital Budgeting for the Multinational Corporation	Chapter 17
	4	Review	
	5	Final Exam	
ASSESSMENT			
Assessment Task		Percent (%)	
Class Participation		10%	
Group Presentation		15%	
Assignment		35%	
Final Exam		40%	
Total		100%	



COURSE INFORMATION

Course Code: FIN602

Level: Postgraduate

Credit: 3

Course Title: International Finance

DETAILS ON GRADE COMPONENTS

Class Participation

Students are expected to attend lectures and tutorials, participate in class discussion and activities.

Group Presentation

Group size 3-4 persons per group. Students are expected to critically analyze a case study and prepare a 5 to 7 minutes presentation.

Group Assignment

Students are expected to prepare 1200 words report. Times New Roman, 12 font, 1.5 spacing. Cover page, Executive Summary, Tables, Graphs and Reference list are not counted in word limits.

Students should apply theories, concepts, formulas and relevant knowledge covered in this course to understand and analyze a problem and recommend a solution.

More details on the group assignment will be discussed in the class.

Final Exam

The final exam may consist of case studies, short questions and critical discussion type essay questions.

More details about the final exam will be provided in the class.

Notes:

1. All assessments will be checked for plagiarism
2. Students are encouraged to check their grades and notify the course coordinator of any discrepancies
3. A student freeloading within a group will get zero if it is proved with sufficient evidence(s).

COURSE GRADING

Upon completion of this course, you receive a final grade. The final grade is a letter grade that carries with it a numerical value, as outlined below.

Grade	Percentage %
A	80-100
B	70-79
C	60-69
D	50-59
E	0-49

For Post-Graduate Students

To pass this subject, students are required to obtain Grade B or above in order to satisfy all the intended learning outcomes.

For Undergraduate Students

To pass the subject, students are required to obtain Grade C or above in order to satisfy all the intended learning outcomes.



COURSE INFORMATION		
Course Code: FIN602	Level: Postgraduate	Credit: 3
Course Title: International Finance		
ACADEMIC INTEGRITY & ACCOMMODATION		
Classroom Behavior Statements		
<p>1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences.</p> <p>2. Classroom participation is a part of your grade in this course. To participate you must attend class having prepared the materials for the day. Questions and comments must be relevant to the topic at hand.</p> <p>3. You are expected to be on time. Packing up your things early is disruptive.</p> <p>4. Raise your hand to be recognized.</p> <p>5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences.</p> <p>6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations.</p> <p>7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class.</p> <p>8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.)</p>		
E-classroom Protocol		
<p>Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off.</p> <p>Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams.</p> <p>Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.</p>		
UNIVERSITY POLICIES		
General Expectations, Rights and Responsibilities of the Student		
<p>As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with the university's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the program administrator as a next step.</p>		



COURSE INFORMATION

Course Code: FIN602

Level: Postgraduate

Credit: 3

Course Title: International Finance

UNIVERSITY POLICIES

Academic Integrity

Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator.

Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are “experts” writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.

Campus Policy on Disabilities

If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.

Accommodation to Students' Religious Holidays

It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.



COURSE SYLLABUS	
COURSE INFORMATION	
Course Code: FIN610	Level: Postgraduate Credit: 3
Course Title: Intermediate Corporate Finance	
PREREQUISITE	
Introductory Finance course	
COURSE OVERVIEW	
Students with a fundamental concept of finance should take this unit. This unit focuses on some of the advance aspects of corporate finance; apply financial theory to develop and interpret financial policy, valuation and instruments. This course is structured to help students to understand the link between financial theory and practice. This course examines techniques and issues in corporate finance with a focus on corporate decisions. The course covers several aspects of valuation in a corporate setting: Economic Value Added, free cash flow, valuation of growth opportunities and option pricing applications. Further topics include merger and acquisition strategies, corporate capital structure, dividend payout, leasing, and behavioral corporate finance.	
LEARNING OUTCOMES	
Upon successful completion of this course, students should be able to: 1. Understand the link between theories and practice of corporate finance. 2. Understand different models and arguments in corporate finance. 3. Evaluate and interpret results from a model. 4. Explain the implications of theory in financial management. 5. Measure the financial performance of a business. 6. Critically communicate for and against arguments of a proposed corporate policy.	
CLASS HOURS	
Total Program Duration:	3 Weeks in Total
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)
LEARNING RESOURCES	
Required Textbook	
[RWJ] Ross, S., Wester field, R., Jaffe, J., & Jordan, B. (2018). <i>Corporate Finance</i> . 12th Edition. McGraw-Hill Education. [AD] Ackert, L., & R. Deaves. (2010). <i>Behavioral Finance: Psychology, Decision-Making, and Markets</i> , Cengage Learning.	
Reference Books & Online Resources	
[BMA] Brealey, R., Myers, S., & Allen, F. (2019). <i>Principles of Corporate Finance</i> . 13th Edition. McGraw-Hill Education. [BD] Berk, J., & Demarzo, P. (2010). <i>Corporate Finance</i> . 2nd edition. Pearson College Div. • Reserve Bank of Australia (RBA), • Australian Stock Exchange (ASX), • New York Stock Exchange (NYSE),	



COURSE INFORMATION			
Course Code: FIN610		Level: Postgraduate	Credit: 3
Course Title: Intermediate Corporate Finance			
Suggested Textbook			
N/A			
Other Teaching Methods			
N/A			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Course Overview, Introduction to Corporate Finance, Financial Statement and Ratio Analysis	[RWJ] Chapter 3
	2	Equity Valuation, Investment Criteria and Making Capital Investment Decisions	[RWJ] Chapters 9 & 6
	3	Capital Budgeting	[RWJ] Chapters 6 & 7
	4	Options & Corporate Finance: Basics	[RWJ] Chapter 22
	5	Applications of Options to Corporate Finance and Real Options	[RWJ] Chapter 23
2	1	Warrants and Convertible Securities	[RWJ] Chapter 24
	2	Mergers and Acquisitions	[RWJ] Chapter 29
	3	Debt Financing and Capital Structure	[RWJ] Chapters 16 & 17
	4	Capital Structure and Valuation for the Levered Firm	[RWJ] Chapter 18
	5	Mid-Term Exam	
3	1	Dividends and Other Payouts	[RWJ] Chapter 19
	2	Leasing	[RWJ] Chapter 21
	3	Prospect Theory with Financial Applications Behavioral Corporate Finance	[AD] Chapters 3 & 16
	4	Review	
	5	Final Exam	
ASSESSMENT			
Assessment Task			Percent (%)
Attendance/Participation			10%
Assignments			30%
Mid-Term Exam			30%
Final Exam			30%
Total			100%



COURSE INFORMATION														
Course Code: FIN610	Level: Postgraduate	Credit: 3												
Course Title: Intermediate Corporate Finance														
DETAILS ON GRADE COMPONENTS														
Class Attendance and Participation														
<p>Class lectures will be a mix of traditional lectures and time spent working together on applications and exercises. To free up more time for working through problems together, students should read the relevant chapter before coming to the class. Discussion sessions will be used to give students an opportunity to clarify their understanding of the topics from the lecture and textbook.</p> <p>If students miss more than 5 classes and did not receive permissions from the instructor, they will automatically get a letter grade of F for this class, which is a failing grade. If a student has to miss class due to some personal emergencies or family issues, he/she should inform the TA or the instructor to get permission immediately. And students are held responsible for the class materials and homework for the class they will miss.</p> <p>Class participation is highly encouraged by the instructor, and the instructor will provide opportunities for the students to participate during the class period. Students should read all assigned reading materials in order to be well prepared for discussion.</p>														
Assignments														
<p>Assignments will be given and collected. They will help students better understand the topics under discussion and provide students the opportunities to work on problems. There is no credit for a late turn-in of the assignments unless there is a verifiable reason for the delay.</p>														
Mid-Term and Final Examinations:														
<p>There will be 2 exams for this class, one mid-term and one final exam, which makes up 60% of the total grade. The instructor will hold a review session before each exam. Details of the examination will be available during the semester.</p>														
COURSE GRADING														
<p>Upon completion of this course, you receive a final grade. The final grade is a letter grade that carries with it a numerical value, as outlined below.</p>														
<table border="1"><thead><tr><th>Grade</th><th>Percentage %</th></tr></thead><tbody><tr><td>A</td><td>80-100</td></tr><tr><td>B</td><td>70-79</td></tr><tr><td>C</td><td>60-69</td></tr><tr><td>D</td><td>50-59</td></tr><tr><td>E</td><td>0-49</td></tr></tbody></table>			Grade	Percentage %	A	80-100	B	70-79	C	60-69	D	50-59	E	0-49
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COURSE INFORMATION		
Course Code: FIN610	Level: Postgraduate	Credit: 3
Course Title: Intermediate Corporate Finance		
ACADEMIC INTEGRITY & ACCOMMODATION		
Classroom Behavior Statements		
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E-classroom Protocol		
<p>Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off.</p> <p>Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams.</p> <p>Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.</p>		
UNIVERSITY POLICIES		
General Expectations, Rights and Responsibilities of the Student		
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COURSE INFORMATION		
Course Code: FIN610	Level: Postgraduate	Credit: 3
Course Title: Intermediate Corporate Finance		
Academic Integrity Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator. Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are “experts” writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.		
Campus Policy on Disabilities If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.		
Accommodation to Students' Religious Holidays It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.		



COURSE SYLLABUS	
COURSE INFORMATION	
Course Code: MKT508	Level: Postgraduate Credit: 3
Course Title: International Marketing	
PREREQUISITE	
N/A	
COURSE OVERVIEW	
<p>International Marketing is an intensive postgraduate business school course about how organizations develop strategies to compete in foreign markets-- that is, host markets as opposed to their home market. While the fundamental principles of marketing apply throughout the world, such as market analysis through application of the “Four Ps,” the particular challenge of cross-border marketing strategy is to understand how differing cultural values effect markets and their consumers, and how differing political and regulatory regimes either constrain or expand opportunities for the firm. A principal concern of this course will be how “globalization” has brought about a world-wide convergence of values, and how current threats to globalization might alter a firm’s cross- border marketing strategy.</p> <p>The course will use lecture/discussion presentations by the Instructor, in-class exercises, and group presentations of assigned readings from the text. Students must be willing and ready to engage in classroom discussion if they expect to pass the course. In addition, two online quizzes, a mid-term examination, and a group presentation will be required of all students.</p>	
LEARNING OUTCOME	
<p>Upon successful completion of this course, students should be able to:</p> <ol style="list-style-type: none">1. Have a comprehensive understanding of international marketing theories and practices.2. Should have the ability to apply these theories and concepts in real environment.3. Ability to identify, analyze, and evaluate data, information related to international marketing4. Have an understanding of the differences in the political, legal, economic, and cultural environment of nations.5. The ability to clearly identify and explain the issues major issues and challenges of international marketing.	
CLASS HOURS	
Total Program Duration:	3 Weeks in Total
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)
LEARNING RESOURCES	
Required Textbook	
Czinkota, Ronkainen, Sutton-Brady, and Stegemann (2019). <i>International Marketing, Asia-Pacific edition</i> , 4th Edition, Cengage.	
Reference Books & Online Resources	
MindTap for Czinkota’s International Marketing Asia-Pacific edition	
Suggested Textbook	
N/A	
Other Teaching Methods	
N/A	



COURSE INFORMATION			
Course Code: MKT508		Level: Postgraduate	Credit: 3
Course Title: International Marketing			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Part A – The Environment of International Marketing Introduction to International Marketing	Chapter 1
	2	Economic Environment and Trade Institutions	Chapter 2 & 3
	3	Political and Legal Environment	Chapter 4
	4	Global Cultural Environment	Chapter 5
	5	Online Quiz 1 Global Buying Behavior	
2	1	Part B – International Marketing Entry Research in International Markets	Chapter 6
	2	Mid-Term Exam	
	3	Foreign Market Entry Strategies	Chapter 7
	4	Global Distribution and Logistics	Chapter 8
	5	Part C – International Marketing Mix Global Product Decisions Global Product Brand Management	Chapter 9 & 10
3	1	Online Quiz 2 International Services Marketing	Chapter 11
	2	International Marketing Communications	Chapter 13
	3	Pricing in International Markets	Chapter 12
	4	Social Networks and Communications	Chapter 14
	5	International Marketing Strategy Group Presentation	
ASSESSMENT			
Assessment Task			Percent (%)
Attendance/Participation			10%
Two Online quizzes			15%
Mid-Term Exam			35%
10 Minute Group Presentation (Group usually teams of 2-3)			40%
Total			100%



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DETAILS ON GRADE COMPONENTS		
Class Attendance and Participation		
<p>Class lectures will be a mix of traditional lectures and time spent working together on applications and exercises. To free up more time for working through problems together, students should read the relevant chapter before coming to the class. Discussion sessions will be used to give students an opportunity to clarify their understanding of the topics from the lecture and textbook.</p> <p>If students miss more than 5 classes and did not receive permissions from the instructor, they will automatically get a letter grade of F for this class, which is a failing grade. If a student has to miss class due to some personal emergencies or family issues, he/she should inform the TA or the instructor to get permission immediately. And students are held responsible for the class materials and homework for the class they will miss.</p> <p>Class participation is highly encouraged by the instructor, and the instructor will provide opportunities for the students to participate during the class period. Students should read all assigned reading materials in order to be well prepared for discussion.</p>		
Mid-Term Exam		
<p>There will be one midterm exam in this class. The exams may consist of multiple choice questions, short answer and essay questions, etc. that require you show understanding, thought, and insight into lecture topics and reading assignments. All assigned textbook readings, additional handouts, videos, lectures or student discussion could be the basis for test questions, and, since they are all inter-related, it is impossible to say what to “emphasize” when you study.</p>		
Online Quizzes		
<p>Students will be required to do two short online quizzes that will test their knowledge.</p>		
International Marketing Strategy Group Presentation		
<p>The group project experientially integrates the material presented in the classroom and provides students the opportunity to conduct a country analysis and develop a market-entry strategy for a company in a foreign market. Choose ONE Australian company (SME) which you study through the group project.</p> <ul style="list-style-type: none">• You need to assess Indonesia, Philippines and Malaysia as potential markets, analyze them, and present the viability of all three markets.• You have to determine ONE international destination for the company (out of your initial three).• You can choose ONE product line/type/service for these assignments if the company makes many.• You build on your knowledge and research.• www.Austrade.gov.au (Links to an external site.) is a good place to start for some <p>More detailed assessment guidelines will be provided in class.</p> <p>The group is expected to work as a team. All the group members MUST involve in group discussion, contribute to the overall quality of the group report.</p> <p>Any evidence of students freeloading within a group will get Zero.</p>		



COURSE INFORMATION

Course Code: MKT508 **Level:** Postgraduate **Credit:** 3

Course Title: International Marketing

COURSE GRADING

Upon completion of this course, you receive a final grade. The final grade is a letter grade that carries with it a numerical value, as outlined below.

Grade	Percentage %
A	80-100
B	70-79
C	60-69
D	50-59
E	0-49

For Post-Graduate Students

To pass this subject, students are required to obtain Grade B or above in order to satisfy all the intended learning outcomes.

For Undergraduate Students

To pass the subject, students are required to obtain Grade C or above in order to satisfy all the intended learning outcomes.

ACADEMIC INTEGRITY & ACCOMMODATION

Classroom Behavior Statements

1. Classroom attendance is a necessary part of this course. You are allowed no more than 1 number of unexcused absences.
2. Classroom participation is a part of your grade in this course. To participate you must attend class having prepared the materials for the day. Questions and comments must be relevant to the topic at hand.
3. You are expected to be on time. Packing up your things early is disruptive.
4. Raise your hand to be recognized.
5. Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Everyone is entitled to their opinion. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences.
6. Any discussion from class that continues on any listserv or class discussion list, should adhere to these same rules and expectations.
7. Any continued disruption of class will result in a report to the Teaching Quality Evaluation Committee for a conduct code infraction. After one warning, if the disruption continues, you will be asked to leave the classroom for the remainder of class.
8. You are expected to do your own work. Cheating, plagiarism and any other form of academic dishonesty will not be tolerated. Please refer to the Code of Student Conduct by which all students are expected to abide. Grade penalty that will be issued to you should you be found responsible for academic dishonesty will be (F in course, F on assignment, 1 letter grade lower in course, redo assignment, etc.)



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ACADEMIC INTEGRITY & ACCOMMODATION		
E-classroom Protocol		
<p>Students are expected to attend every e-class, having completed any assigned prior readings, and participate thoughtfully throughout. Cell phones must be turned off.</p> <p>Class materials (e.g., readings, lecture notes, and lecture slides) can be downloaded from the class team on Microsoft Teams. All assignments must be submitted on Microsoft Teams, and your grades will also be released on Teams.</p> <p>Please make a sincere attempt to join each e-class on time as it is difficult to educate fellow classmates with constant interruptions. Your attendance will be taken by the teaching assistant, and all absences must be requested in advance. Failure to comply may result in participation grade deduction. Students are expected to follow up with assignments and readings for all missing classes, and students should reach out to professor and teaching assistant in submitting required makeup assignments.</p>		
UNIVERSITY POLICIES		
General Expectations, Rights and Responsibilities of the Student		
<p>As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with the university's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the program administrator as a next step.</p>		
Academic Integrity		
<p>Your commitment, as a student, to learning is evidenced by your enrollment at the university. You are expected to be honest in all your academic course work. Faculty members are required to report all infractions to the program administrator.</p> <p>Using the ideas, data, or language of another without specific or proper acknowledgement is dishonest. We will not accept work that includes copied and pasted information; all information or ideas included in your assignments must be in your own words. If you use ideas of others, whether they are "experts" writing for websites, friends from class, or other individuals, you must provide proper citations and references in the assignment.</p>		
Campus Policy on Disabilities		
<p>If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please notify the instructor or program administrator as soon as possible, in order to make the appropriate accommodation.</p>		
Accommodation to Students' Religious Holidays		
<p>It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three (3) days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed.</p>		



COURSE SYLLABUS	
COURSE INFORMATION	
Course Code: MKT608	Level: Postgraduate Credit: 3
Course Title: Consumer Behavior	
PREREQUISITE	
N/A	
COURSE OVERVIEW	
This unit introduces students to the fundamental concepts, principles and theories of consumer behavior. Theories and concepts learned in this subject will help a marketing manager to develop a consumer-centric marketing plan and strategies. Theories and concepts from economics, psychology, and anthropology are used to understand consumer behavior.	
LEARNING OUTCOME	
Upon successful completion of this course, students should be able to: 1. Identify factors that influence consumer behavior 2. Identify various social, economic and cultural factors that influence consumer behavior and understand their relationship 3. Develop and present consumer-centric marketing solutions	
CLASS HOURS	
Total Program Duration:	3 Weeks in Total
Total Contact Hours:	68 Contact Hours or 3,060 Minutes (1 Contact Hour = 45 Minutes)
Lectures and Tutorials:	Monday - Friday 120 Minutes of Lecture & 60 Minutes of Tutorial per Day (15 Days in Total)
Office Hours:	2 Hours or 120 Minutes per Week (3 Sessions in Total)
LEARNING RESOURCES	
Required Textbook	
[HWD] Hoyer, W. D., MacInnis, D. J., & Pieters, R. (2017). <i>Consumer Behavior</i> . 7th Edition. Cengage Learning. [SMR] Solomon, M. R. (2019). <i>Consumer Behavior: Buying, Having, and Being</i> , Global Edition 13th Edition. Pearson.	
Reference Books & Online Resources	
Recommended Journals: • Journal of Consumer Marketing • Journal of Business Research • Journal of Consumer Research • Journal of Consumer Culture • Journal of Consumer Behavior	
Suggested Textbook	
N/A	
Other Teaching Methods	
N/A	



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Course Title: Consumer Behavior			
WEEKLY SCHEDULE			
Week	Day	Topic	Reading
1	1	Part I: Foundations of Consumer Behavior An Introduction to Consumer Behavior <i>Group Formation</i>	[HWD] - Chapter 1 [SMR] - Chapter 1 & 2
	2	Part II: Psychological factors Motivation, Ability, and Opportunity	[HWD] – Chapter 2
	3	Exposure, Memory and Knowledge.	[HWD] – Chapter 3 & 4
	4	Consumer Attitudes	[HWD] – Chapter 5 & 6
	5	Part III: The Decision Making Process Problem Recognition and Information Search	[HWD] – Chapter 7
2	1	Judgment and Decision Making Based on High Effort	[HWD] – Chapter 8
	2	Judgment and Decision Making Based on Low Effort	[HWD] – Chapter 9
	3	Post-Decision Processes	[HWD] – Chapter 10
	4	Part IV: Consumer’s Social and Cultural Settings Social Influences, Diversity, Values, Lifestyle	[HWD] – Chapter 11 & 12 & 14
	5	Deadline: Group Assignment & Presentation	
3	1	Culture, Group Influences and Social Media	[SMR] – Chapter 11 & 13
	2	Part V: Innovation, Social Responsibility and Ethics Innovations	[HWD] – Chapter 15
	3	Ethics and Consumer Behavior	[HWD] – Chapter 16 & 17
	4	Revision	
	5	Final Exam	



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ASSESSMENT	
Assessment Task	Percent (%)
Attendance/Participation	10%
Group Assignment	30%
Group Presentation	20%
Final Exam	40%
Total	100%
DETAILS ON GRADE COMPONENTS	
Class Attendance and Participation Class lectures will be a mix of traditional lectures and time spent working together on applications and exercises. To free up more time for working through problems together, students should read the relevant chapter before coming to the class. Discussion sessions will be used to allow students to clarify their understanding of the topics from the lecture and textbook. If students miss more than 5 classes and did not receive permission from the instructor, they will automatically get a letter grade of F for this class, which is a failing grade. If a student has to miss class due to some personal emergencies or family issues, he/she should inform the TA or the instructor to get permission immediately. And students are held responsible for the class materials and homework for the class they will miss. Class participation is highly encouraged by the instructor, and the instructor will provide opportunities for the students to participate during the class period. Students should read all assigned reading materials to be well prepared for discussion.	
Group Assignment (Max. 4 students per group) More detailed assessment guidelines will be provided in class. The group is expected to work as a team. All the group members MUST involve in group discussion, contribute to the overall quality of the group report. Any evidence of students freeloading within a group will get Zero.	
Group Presentation 1. 15 minutes (10 minutes presentation + 5 minutes Q & A) PowerPoint presentation based on group assignment 2. All group members must participate	
Final Exam 1. Case Study 2. MCQs 3. Short Answer exam questions 4. Open ended questions Detailed information on the final exam will be provided by the lecturer in class	



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