

Course Title	Analytical Decision Making			
Course Code	MGT 430			
Course Type	Elective			
Level	Undergraduate			
Year / Semester	Year 4 / Semester 7			
Teacher's Name	Chris Charalambous			
ECTS	6	Lectures / week	3	Laboratories / week
Course Purpose and Objectives	<p>Robust, effective and timely decision-making in any business context is a critical factor in the success of a project or enterprise. Using accurate and relevant information or data is a vital component of this process.</p> <p>This course is designed to provide students with the theoretical, practical and technical knowledge in order to identify, define, analyze and interpret data from a broad range of sources to support critical business decisions in a variety of contexts and using a range of methodologies.</p> <p>The students will gain technical skills in research methodology including the collection, analysis and interpretation of multiple data sets using narrative and predictive techniques and models.</p>			
Learning Outcomes	<p>On successful completion of this course students will be able to:</p> <ul style="list-style-type: none"> • Quantify the relation between risk and return and apply it in value-maximizing financial activities of individuals and corporations (in global, ethical context). • Choose and be proficient in applying financial tools and analytical methods to improve financial decision-making. • Effectively communicate and justify, in both written and oral form, results and recommendations of financial analysis to audiences having varying degrees of financial sophistication. • Identify and describe complex business problems in terms of analytical models. • Apply appropriate analytical methods to find solutions to business problems that achieve stated objectives. • Translate results of business analytic projects into effective courses of action. • Demonstrate ethical decision-making in structured or unstructured and ambiguous situations. • Communicate technical information to both technical and non-technical audiences in speech, in writing, and graphically. • Exhibit effective collaboration and leadership skills. 			

Prerequisites	ACC 101; ACC 102; ACC 201; MGT 320; FIN 350	Required	SENIOR STANDING
Course Content	<p>Ch. 1 Introducing Financial Statements Ch. 2 Financial Statements and the Accounting System Ch. 3 Adjusting Accounts for Financial Statements Ch. 4 Reporting and Analyzing Merchandising Operations Ch. 5 Reporting and Analyzing Inventories Ch. 6 Reporting and Analyzing Cash, Fraud, and Internal Control Ch. 7 Reporting and Analyzing Receivables Ch. 8 Reporting and Analyzing Long-Term Assets Ch. 9 Reporting and Analyzing Current Liabilities Ch. 10 Reporting and Analyzing Long-Term Liabilities Ch. 11 Reporting and Analyzing Equity Ch. 12 Reporting and Analyzing Cash Flows Ch. 13 Analyzing and Interpreting Financial Statements</p> <p>A Financial Statement Information B Applying Present and Future Values C Investments CA Chart of Accounts BR Brief Review</p>		
Teaching Methodology	<ul style="list-style-type: none"> •Reading and resolving problems •Working on problem-solving •Attendance and participation in class •Monitor discussions •Writing and reply on objective type questions •Solving unstructured questions and case studies •Brief oral presentation before starting a new chapter and reply to queries from students •Homework for revision purposes •Interaction and collaborative learning •Simulation •Video Watching 		
Bibliography	<p style="text-align: center;">1- Financial Accounting: Information for Decisions 9th Edition By John Wild ISBN10: 1259917045 ISBN13: 9781259917042 Copyright: 2019</p> <p style="text-align: center;">2- Financial Accounting: Information for Decisions 10th Edition By John Wild ISBN10: 1260247872 ISBN13: 9781260247879 Copyright: 2021</p>		
Assessment	Participation 10%		

	Midterm Exam 30% Project 20% Final Exam 40%
Language	English