

MBA

ENTERPRISE RESOURCE PLANNING CERTIFICATE

Name: _____

I.D. # _____

ERP Certificate Course Options

choose 4 courses

		Credits	Sem/Yr	Grade
MISY 5340: ERP OVERVIEW	This course will provide students an overview of the fundamental business processes and enterprise resource planning (ERP) systems used to run organizations. The course will begin with an overview of business processes across the supply chain, and then will show how integrated processes create value, and finally the last third of the semester will be spent to demonstrate how these integrated processes fit into ERP systems by assigning students to participate in an ERP simulation system (ERPsim) strategy game.	3	Fall 1 Online and Face to Face Spring 1 Online and Face to Face Summer Online	
MISY 5350: ERP E-COMMERCE	Organizations find the need to develop custom "front end" web based applications to add functionality to and make their ERP systems more user friendly. This course will provide students with the conceptual foundation as well as hands on experience at developing these web based applications. The course teaches SAP NetWeaver and SAP Visual Composer. With SAP NetWeaver Portal, you can quickly and effectively integrate SAP solutions, third-party applications, legacy systems, databases, unstructured documents, internal and external Web content, and collaboration tools. SAP Visual Composer is a powerful design tool that facilitates the creation of portal content using a graphical user interface, rather than manually writing code. It provides sophisticated, yet simple-to-use tools for creating portal iViews that process data from back-end systems such as R/3 and BW, as well as external sources such as relational databases and Web services.	3	Fall 1 Online / Spring 1 Online	
MISY 5360: BUSINESS INTELLIGENCE	This course will expose students to business intelligence which is defined as the user-centered process of exploring data, data relationships and trends - thereby helping to improve overall decision making. This involves an iterative process of accessing data (ideally stored in the data warehouse) and analyzing it- thereby deriving insights, drawing conclusions and communicating findings - to effect change positively within the enterprise. BI is comprised of four major product segments: interactive query tools, reporting tools, advanced Decision Support Systems, and Executive Support Systems. In this course, we will use SAP Business Information Warehouse (SAP BW), a major enterprise software applications for Business Intelligence, analytical, reporting and Data Warehousing (DW) solution.	3	Fall 2 Online and Face to Face Spring 2 Online and Face to Face	
MGMT 5370: SUPPLY CHAIN MANAGEMENT	The primary objective of this course is to provide students with an integrative view of the purchasing and logistic functions and the role they play in the overall operations of the organization. The use and applications of information systems (SAP ECC) in the purchasing and logistic functions is included in the course. The information system will provide a foundation for the understanding of the integrative nature of the business organization today.	3	Summer Online	
MISY 5370: PREDICTIVE ANALYTICS AND DATA MINING	This course will expose students to the concept of business analytics. Business Analytics is a growing field of study, and it helps business professionals to make informed decisions. In order to make informed decisions, it is imperative to know how to summarize, visualize, examine, and understand useful information from historical data. Students will also gain hands-on experience with SAP analytics solution including SAP HANA, SAP Lumira, and SAP predictive Analytics.	3	Spring 2 Online	
MISY 5380: Enterprise Systems/CRM	This course will expose students to the concepts, capabilities and benefits of CRM (Customer Relationship Management Systems); how CRM can be used by companies for customer acquisition, retention and development; and how to implement CRM using the most recent technologies. The course will cover various aspects of operational, strategic and analytics CRM. This course will use SAP's CRM Webclient UI and Cloud4Customer, both major SAP Customer Relationship Management software solutions, to enact marketing, sales and service transactions relation to CRM processes. We will also review CRM transactions performed using FIORI Launchpad. Additionally, we will use Salesforce, the technology designed to help sell, service, market, analyze and connect with the customers.	3	Fall2 Online and Face to Face Summer Online	