ACCOUNTING AND INFORMATION SYSTEMS (AIS)

AIS F101  Effective Personal Computer Use  
1 Credit  
Offered As Demand Warrants  
Using and understanding advanced computing software applications. Course develops conceptual and practical knowledge of advanced presentation/communications software, database programs and operating systems.  
Lecture + Lab + Other: 1 + 0 + 0

AIS F310  Management of Information Systems  
3 Credits  
The role information technology plays in organizations including its impact on information systems, management and business strategy. A conceptual model of system design is introduced and basic business internal controls are surveyed.  
Prerequisites: AIS F101.  
Lecture + Lab + Other: 3 + 0 + 0

AIS F312  Information Systems Technology (W)  
3 Credits  
Offered As Demand Warrants  
Introduction to the hardware and systems software underlying information systems; provides background to understand computer marketing literature and to select among technology alternatives.  
Prerequisites: WRTG F111X; WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X.  
Lecture + Lab + Other: 3 + 0 + 0

AIS F316  Accounting Information Systems  
3 Credits  
Offered Fall or Spring  
Accounting systems for business and public entities. Emphasis on internal control functions and design concepts.  
Prerequisites: AIS F101; ACCT F262.  
Lecture + Lab + Other: 3 + 0 + 0

AIS F324  Advanced MS Excel  
1 Credit  
Offered As Demand Warrants  
Advanced features of the Microsoft Excel spreadsheet program. Includes spreadsheet design and layout, customized graphics, customized reports using database features, optimization/statistical techniques and programming with the Excel macro language. Student is assumed to have basic proficiency with Microsoft Excel.  
Prerequisites: AIS F101; ACCT F262.  
Lecture + Lab + Other: 1 + 0 + 0

AIS F342  MS Excel for Finance  
1 Credit  
Offered As Demand Warrants  
In this course, students will develop proficiency in Microsoft Excel for financial analysis. This class is especially well-suited to aspiring finance and accounting professionals; it serves to reinforce material covered in financial management and introductory accounting, while building related applied expertise in Excel.  
Prerequisites: AIS F101; AIS F324; BA F325 (may be taken concurrently).  
Lecture + Lab + Other: 1 + 0 + 0

AIS F410  Systems Analysis and Program Design  
3 Credits  
Offered As Demand Warrants  
The system development life cycle for database-oriented information systems in both mainframe and microcomputer environments. Includes programming in one or more fourth-generation languages and a term project.  
Prerequisites: AIS F310 or AIS F312.  
Lecture + Lab + Other: 3 + 0 + 0

AIS F414  Database Design for Management Information  
3 Credits  
Offered As Demand Warrants  
Combines advanced systems analysis using modern techniques of data modeling with study of management and administrative problems in coordination and management of organization data resources; focusing on needs of medium-sized and large organizations.  
Prerequisites: AIS F310 or CS F471.  
Lecture + Lab + Other: 3 + 0 + 0