

# CIS: COMP SCI & INFO SYSTEMS

Courses	Credit(s)	Contact	Lab
CIS 2910C. IT CAPSTONE. IT CAPSTONE Prerequisite: Department approval This course is designed for IT students who have completed a significant portion of their degree course work. Students will use their knowledge of IT concepts to complete a comprehensive project including a detailed project plan, implementation, documentation, and final presentation. (Special Fee: \$66.00).	3	2	1
CIS 2930. SELECTED TOPICS IN INFORMATION SYSTEMS. SELECTED TOPICS IN INFORMATION SYSTEMS Prerequisite: Departmental approval. Selected topics in computer information systems based on the needs and areas of interest of the class and the professor. May include laboratory and/or field work as part of the class. Multiple credit course. May be repeated for credit, but grade forgiveness cannot be applied.	1-4	variable	
CIS 2941. INTERNSHIP EXPLORATION IN COMPUTER STUDIES. INTERNSHIP EXPLORATION IN COMPUTER STUDIES Prerequisites: Satisfactory completion of all mandated courses in Reading, Mathematics, English and English for Academic Purposes; a minimum 2.0 institutional or overall GPA, and 12 credits. The Program Director/ Program Chair/Program Coordinator or Internship Placement Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses. This course provides a planned work-based experience that will provide students with supervised career exploration activities and/or practical experiences to assist in confirming their education plans. Each earned credit hour of internship requires a minimum of 80 clock hours of work. May be repeated for credit, but grade forgiveness cannot be applied. (Internship Fee: \$10.00).	1-4	variable	
CIS 2942. INTERNSHIP IN COMPUTER PROGRAMMING. INTERNSHIP IN COMPUTER PROGRAMMING Prerequisites: Satisfactory completion of all mandated courses in Reading, Mathematics, English and English for Academic Purposes; a minimum 2.0 institutional or overall GPA; and 12 credits of courses with COP prefix. The Program Director/Program Chair/Program Coordinator or Internship Placement Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses. This course is a planned work-based experience that provides students with supervised career exploration activities and/ or practical experiences. Each earned credit of internship requires a minimum of 80 clock hours of work. Multiple credit course. May be repeated for credit, but grade forgiveness cannot be applied. (Internship Fee: \$10.00).	1-4	variable	
CIS 2943. INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY. INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY Prerequisites: Satisfactory completion of all mandated courses in Reading, Mathematics, English, and English for Academic Purposes; a minimum 2.0 institutional or overall GPA; and 12 credits, including CTS 1131C and CTS 1120, or CTS 1155; or Program Dir./Program Chair/Internship Office approval. This is a planned work-based experience that provides students with an opportunity to fine-tune skill sets learned in course work and enhance workplace skills through supervised practical experiences related to their career objectives. Each earned credit of Internship requires a minimum of 80 clock hours of work. Multiple credit course. May be repeated for credit up to a maximum of 4 hours, but grade forgiveness cannot be applied. (Internship Fee: \$10.00).	1-4	variable	
CIS 3083C. CLOUD MANAGEMENT AND DESIGN. CLOUD MANAGEMENT AND DESIGN Prerequisite: Admission to the B.A.S. Degree in Computing Technology and Software Development Students will learn how to manage and design cloud services. Students will learn how to create virtual cloud machines, design storage architecture, and build appropriate processes. Students will learn how security and design are crucial to move platforms in and out of the cloud. Case studies will be used to showcase the application of these services to the modern cloud platform. Student will design services and redundancy in a global infrastructure.	3	2	1
CIS 3304C. MANAGEMENT INFORMATION SYSTEMS. MANAGEMENT INFORMATION SYSTEMS Pre-requisite: Admission to the B.A.S degree in Business and Organizational Leadership or B.A.S. degree in Computing Technology and Software Development, and a minimum grade of C in either CGS1060C or CGS2100C or department approval. Students will learn how the management of information systems is integrated with business. Students will be exposed to the underlying technologies, including spreadsheets, databases, the internet, networks, the cloud, Enterprise Resource Planning software, and integration of commercial software products into a business. The differences among data, information and business intelligence are discussed as well as managerial decision making based on empirical evidence provided by information systems. Case studies are used to explore the application of information systems in the modern digital enterprise. (Special Fee: \$42.00).	3	2	1