Miami Dade College

Course Description

CIS2949| Co-op Work Experience 2: CIS | 3.00 - 4.00 credits

This course is designed as a second-level capstone for students majoring in computer information systems programs. Students apply advanced skills and knowledge that they have acquired through their first capstone course in a real work environment. Prerequisite: CIS1949. Successful completion of required program course work. Department approval required.

Course Competencies:

Competency 1: The student will demonstrate advanced knowledge of workplace practices and procedures by:

1. Completing assigned projects as a small workgroup or project team member
2. Monitoring ongoing assignments and providing feedback to supervisors
3. Assisting with the collection of data and preparing reports on assignments

Competency 2: The student will demonstrate knowledge of the advanced IT skills employed in a workplace environment by:

1. Analyzing implemented solutions and determine if the results were successful
2. Identifying assignments that need to be further developed, modified or improved
3. Using troubleshooting skills to identify and resolve technical problems in complex, real-world settings
4. Documenting processes and results of completed projects

Competency 3: The student will demonstrate a high level of workplace professionalism by:

1. Collaborating on tasks assigned by a supervisor according to organizational standards and practices
2. Generating a journal that documents the daily work schedule, tasks, and experiences
3. Writing reflections documenting specific learnings acquired from workplace experiences
4. Maintaining a time log document
5. Practicing professional appearance, demeanor, honesty, integrity, responsibility, initiative, respect, confidentiality, and ethical work habits
6. Adhering to the employee code of conduct

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Demonstrate knowledge of ethical thinking and its application to issues in society

Updated: Fall 2025