



Course Description

CIS2900 | Directed Study IT | 1.00 credit

This course is for students majoring in Information Technology. Students will complete projects and make presentations based on self-directed research and related experiences. Prerequisite: Successful completion of required program coursework. Department approval is required.

Course Competencies:

Competency 1: The student will demonstrate market knowledge in Information Technology (IT) by:

1. Describing current employment statistics on IT occupations in each market
2. Identifying future industry employment trends for an area of IT specialization

Competency 2: The student will demonstrate knowledge of the responsible use of technology systems and software by:

1. Identifying the capabilities and limitations of contemporary and emerging technology resources and assessing the potential of these systems and services to address personal and workplace needs
2. Analyzing choices among technology systems, resources, and services

Competency 3: The student will demonstrate the ability to use appropriate tools to organize and present project designs by:

1. Using appropriate technology tools and resources for managing and communicating personal and/or professional information
2. Creating written, oral, numeric, or visual communications using appropriate applications to
3. construct, organize, analyze, and interpret ideas and data, and present a conclusion
4. Selecting and applying technology tools for research, information analysis, problem-solving and decision-making

Competency 4: The student will demonstrate practical project skills by:

1. Establishing attainable goals for the project and presenting the statement of purpose for approval
2. Developing and presenting the proposed project timeline
3. Developing and presenting the final project

Learning Outcomes

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information