

Inver Hills Community College

ITC 2900: Information Technology Careers Capstone

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 1

Lab Hours/Week: 4

OJT Hours/Week: *.*

Prerequisites:

ITC 2480 - Administering Linux Servers; OR

ITC 2430 - Installation, Storage, and Compute with Windows

Corequisites: None

MnTC Goals: None

Provides students an opportunity to work with an inside or outside organization in a team environment on a course-long project. Focuses on concepts of problem identification, brainstorming, design, problem solving, teamwork, creativity and evaluation. Present findings in oral and written formats to faculty and industry representatives. This course integrates knowledge and skills attained throughout the Information Technology Careers programs and should be taken your final semester. Pre-requisites: ITC 2430, ITC 2480.

B. COURSE EFFECTIVE DATES: 08/26/2013 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Project definition and goals - 3%
2. Team member responsibilities - 3%
3. Developing a statement of work - 7%
4. Lab setup, testing and data collection - 52%
5. Data analysis - 25%
6. Presentation and report preparation - 10%

D. LEARNING OUTCOMES (General)

1. Effectively use written and oral communication skills
2. Demonstrate project management skills
3. Develop knowledge and research skills related to current and future trends in IT
4. Research industry trends and best practices
5. Apply design, problem solving and research skills to an information technology problem
6. Develop a detailed project plan for an IT project
7. Analyze project results
8. Apply teamwork skills to an IT problem
9. Synthesis of project results into presentation and report format
10. Students will practice business soft skills including written, active listening, and oral presentation. Students will document evidence of business skill practice in an electronic portfolio.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted