

Montgomery County Community College  
 CIS 216  
 Computer Science Capstone  
 3-2-2

**COURSE DESCRIPTION:**

This final capstone course will bring together students to work in teams designing and building a significant project over the course of the semester. Students will learn about collecting user requirements, project management and team organization, processes and tools. Students will also work on building a portfolio, crafting a professional resume, and defining a strategy to advance their career post course. Professional skills, such as ethical conduct, interviewing, collaboration, teamwork and communication skills, will be discussed and practiced. It is recommended that this course be taken in the final semester of study.

**REQUISITES:**

*Previous Course Requirements*

CIS 111B Object Oriented Programming

*Previous or Concurrent Course Requirements*

CIS 245 Database Management Systems using SQL or CIS 246 Data Integration for Web Applications

CIS 151

Upon successful completion of this course, the student will be able to:

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
1. Execute appropriate application design and development processes and methodologies through a hands-on project.	Assigned Reading Lecture Discussion Hands-On Lab Exercises Homework Assignments Group Projects Projects	Project Presentation Final Project
2. Explain O385.87235.85 c:		

## LEARNING OUTCOMES ES



