# CS 230 Infographic Text Version

## Course Description

Students will develop a deeper understanding of operating platforms and architectures through the analysis and evaluation of the characteristics, advantages, and weaknesses of each. Students will learn the value of utilizing software design templates as well as how to utilize them to solve problems.

## Competency Projects

The course goals are communicated through three competency statements instead of through course outcomes. Competencies represent the knowledge and skills relevant to your field. Additionally, there is not a single final project like you may have seen in other courses. Instead, there are three smaller projects, one tied to each competency. Still, the amount of material covered, the level of difficulty, and the workload expectations are all typical for a 200-level course.

## Project One (Module Three submission)

**Description**: Prepare a software design document for your client, the Gaming Room. Begin developing a software application for their game, Draw It or Lose It.

In this project, you will demonstrate your mastery of the following competency: Utilize software design templates and patterns to efficiently solve a problem.

## Project Two (Module Five submission)

**Description**: Continue preparing the software design document for your client by including an evaluation of various operating platforms for deploying their game application.

In this project, you will demonstrate your mastery of the following competency: Evaluate the characteristics, advantages, and weaknesses of various platforms.

## Project Three (Module Seven submission)

**Description**: Complete the software design document for your client by including an analysis of systems architectures and recommending an appropriate approach to developing their game application.

In this project, you will demonstrate your mastery of the following competency: Analyze the characteristics of and techniques specific to various systems architectures.

## Program Pathway Infographic

The final page includes the Program Pathway infographic, with a note saying, “You Are Here,” on

CS 230.