

William Paterson University
College of Science and Health - Department of Computer Science

Fall 2013 – Spring 2015 Assessment Cycle
Analysis of the Course Coverage and Assessment Report Data

Course Number: CS4800

Course Coordination Committee Members: Erh-Wen Hu, John Najarian (chair), Gilbert Ndjatou

Date: June 26, 2015

A. Course Prerequisites/Co-requisites

a) Problems/Issues Identified: None

b) Suggestions for Improvement: N/A

B. Course Objectives

a) Problems/Issues Identified: None

b) Suggestions for Improvement: N/A

C. Course Student Learning Outcomes

a) Problems/Issues Identified: None

b) Suggestions for Improvement: N/A

D. Course Content

a) Problems/Issues Identified: None

b) Suggestions for Improvement: N/A

E. Assessment of the CS Program's Student Outcomes

Student Outcome S1: Effectively communicate in written and oral forms.

In this class, students are required to produce a report and to make an oral presentation on a topic related to the legal issues for computing professionals and on the impact of computing technology in society. The reports are graded by the instructor of the course, and the presentations are graded by the instructor and the students in the class. Students are also required to complete a team-project on a topic of current interest in computer science or new development in computing technologies. They must also produce a written report of their project and also make an oral presentation. This student outcome is therefore appropriate and is also well assessed in the course.

Student Outcome S4: Work effectively as part of a team in a software or hardware project.

One major objective of this course is for students to complete a team-project on a topic of current interest in computer science or new development in computing technologies. They must also produce a written report of their project and also make an oral presentation. How well students work in a group is a major criteria in the evaluation of their project. This program's student is therefore well suited for this course and is also well assessed here.

Student Outcome S5: Demonstrate abilities to locate and make effective use of information.

One major objective of this course is for students to complete a team-project on a topic of current interest in computer science or new development in computing technologies. They must also produce a written report of their project and also make an oral presentation. The evaluation of project reports and the oral presentations takes into consideration the quality of the reports and the efforts that students put into their research work. In fact, as part of this course, a librarian gives a lecture on how to use the library resources properly.

Student Outcome S12:

Demonstrate an understanding of the ethical and legal issues for computing professionals and the impact of computing technology in society.

In this class, we introduce the ethical and legal issues for computing professionals and the impact of computing technology in society. Students are also required to produce a report and to make a presentation on a topic related to the legal issues for computing professionals and on the impact of computing technology in society. The reports are graded by the instructor of the course, and the presentations are graded by the instructor and the students in the class. This student outcome is therefore appropriate and is also well assessed in the course.