

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: CS3420
Course Coordination Committee Members: Erh-Wen Hu (chair), John Najarian, 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 S6:

Demonstrate abilities to select appropriate data structures and to design algorithm to solve problems.

One major objective of this course is to introduce students to the different data structures that are often used to solve computer problems and the algorithms used to manipulate those data structures. Substantial among of exercises and tests are also used to test students' knowledge of these structures and their ability to understand and use the algorithms. This student outcome is therefore appropriate and well assessed.