

Academic Assessment Plan - AY 2013-2014

Name of Program: B.S. Computer Science

School/Department: Computer Science

College: CNAHS

Program SLOs:

(List Program SLOs) Students who graduate with a BS in Computer Science should be able to:

SLO1: Apply knowledge of computing and mathematics appropriate to the discipline. (KU 1, 4) (GE K1, S1, S3, S4, S5)

SLO2: Analyze a problem and identify and define the computing requirements appropriate to its solution. (KU 1, 4) (GE K1, S1, S3, S4, V2)

SLO3: Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs. (KU 1, 2, 3) (GE K1, S1, S2, S3, S4, S5)

SLO4: Use current techniques, skills, and tools necessary for computing practice. (KU 1, 2, 4) (GE K1, S1, S2, S5, V5)

*** KU Student Outcomes: *Kean University graduates should be able to:***

1. Think critically, creatively and globally;
2. Adapt to changing social, economic, and technological environments;
3. Serve as active and contributing members of their communities; and
4. Advance their knowledge in the traditional disciplines (GE) and enhance their skills in professional areas (Prof. pgms)

****General Education Student Learning Outcomes**

Student Learning Outcomes – Knowledge: Students will demonstrate proficiency in knowledge and content by:

- (K1) applying the scientific method to understand natural concepts and processes;
- (K2) evaluating major theories and concepts in social sciences;
- (K3) relating historical references to literature; and
- (K4) evaluating major theories and concepts in the fine arts.

Student Learning Outcomes – Skills: Students will demonstrate the skills necessary to:

- (S1) write to communicate and clarify learning ;
- (S2) communicate effectively through speech;
- (S3) solve problems using quantitative reasoning;
- (S4) think critically about concepts in multiple disciplines; and
- (S5) show information literacy.

Student Learning Outcomes – Values: Students will exhibit a set of values that demonstrates:

- (V1) personal responsibility
- (V2) ethical and social responsibility
- (V3) social and civic engagement
- (V4) respect for diverse cultures and perspectives
- (V5) life-long learning

Program Level Student Learning Outcomes <i>(Add rows for additional SLOs)</i>	Assessment Measure(s) <i>(Add rows if necessary)</i>	Assessment Criteria <i>(Describe how data is collected--rubric, survey, etc.)</i>	Results of Assessment <i>(Specific to Data Collected)</i>	Action Taken <i>(Closing the Loop: New action or follow up from last Assessment Report)</i>
SLO #1: Apply knowledge of computing and mathematics appropriate to the discipline.	Direct #1: CPS 4951: Project report scored with rubric to show achievement of program goals.	Requirements document		
	Indirect: Program Completer Survey	Qualtrics Survey		
SLO #2: Analyze a problem and identify and define the computing requirements appropriate to its solution.	Direct #1: CPS 4951: Project report scored with rubric to show achievement of program goals.	Design document		
	Indirect: Program Completer Survey	Qualtrics Survey		
SLO #3: Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.	Direct #1: CPS 4951: Project demonstration scored with rubric to show achievement of program goals.	Design document and presentation		
	Indirect: Program Completer Survey	Qualtrics Survey		
SLO #4 Use current techniques, skills, and tools necessary for computing practice.	Direct: CPS 4951: Project report and oral presentation scored with rubric to show achievement of program	Presentation		

	goals			
	Indirect: Program Completer Survey	Qualtrics Survey		