

Academic Assessment Report - AY 2012-2013

Name of Program: B.S. Information Technology

School or Department: Computer Science

College: Natural, Applied, and Health Sciences

Kean University

Program SLOs:

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

SLO1: Ability to use and apply current technical concepts and practices in the core information technologies. (KU 1, 2, 4) (GE K1, S1, S3, S4, S5)

SLO2: Identify and analyze user needs and take them into account in the selection, creation, evaluation, and administration of computer-based systems. (KU 1, 4) (GE K1, S1, S3, S4, V2)

SLO3: Effectively integrate IT-based solutions into the user environment. (KU 1, 3) (GE K1, S1, S2, S3, S4, S5)

SLO4: Understand best practices and standards and their applications. (KU 1, 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- (K3) relating historical references to literature; and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 Ability to use and apply current technical concepts and practices in the core information technologies.	Direct: TECH 4513: Project report scored with rubric to show achievement of program goals.	Requirements document	On a 5-point scale (5 high) 79% scored 3+ across 8 categories on assignments	In AY 2013-2014, examples will be continue to be discussed, providing students with a better understanding of this document.
	Indirect: Program Completer Survey	Qualtrics Survey	100% of respondents strongly agree or agree.	No action taken.
SLO #2 Identify and analyze user needs and take them into account in the selection, creation, evaluation, and administration of computer-based systems.	Direct: TECH 4513: Project report scored with rubric to show achievement of program goals.	Design document	On a 5-point scale (5 high) 79% scored 3+ across 8 categories on assignments	In AY 2013-2014, examples will continue to be provided for discussion, to give students a clear understanding of how to develop and organize this document.
	Indirect: Program Completer Survey	Qualtrics Survey	100% of respondents strongly agree or agree.	No action taken.
SLO #3 Effectively integrate IT-based solutions into the user environment	Direct: TECH 4513: Project demonstration scored with rubric to show achievement of program goals.	Design document and demonstration	On a 5-point scale (5 high) 100% scored 3+ in each of 4 categories.	A strong majority of students scored 80% or better. No action at this time.
	Indirect: Program Completer Survey	Qualtrics Survey	100% of respondents strongly agree.	No action taken.

<p>SLO #4 Understand best practices and standards and their applications. (</p>	<p>Direct: TECH 4513: Project report and oral presentation scored with rubric to show achievement of program goals.</p>	<p>Presentation</p>	<p>On a 5-point scale (5 high) 100% scored 3+ for overall impact.</p>	<p>For AY 2013-2014, impact will continue to be discussed early in the course and examples will be provided.</p>
	<p>Indirect: Program Completer Survey</p>	<p>Qualtrics Survey</p>	<p>100% of respondents strongly agree or agree.</p>	<p>No action taken.</p>