

## Academic Assessment Report - AY 2012-2013

**Name of Program: M.S. Computer Information Systems**

**School or Department: Computer Science**

**College: Natural, Applied, and Health Sciences**

**Kean University**

**Program SLOs:** *Students who graduate with a MS in Computer Information Systems should be able to:*

**SLO1:** Apply advanced knowledge of computing and mathematics appropriate to the discipline.

**SLO2:** Analyze a complex problem and identify and define the computing requirements appropriate to its solution.

**SLO3:** Design, implement, test, and evaluate a computer-based system, process, component, or program to meet desired needs.

**SLO4:** Use advanced techniques and skills for rigorous analysis and presentation of the project necessary for computing practice.

<b>Program Level Student Learning Outcomes</b> <i>(Add rows for additional SLOs)</i>	<b>Assessment Measure(s)</b> <i>(Add rows if necessary)</i>	<b>Assessment Criteria</b> <i>(Describe how data is collected--rubric, survey, etc.)</i>	<b>Results of Assessment</b> <i>(Specific to Data Collected)</i>	<b>Action Taken</b> <i>(Closing the Loop: New action or follow up from last Assessment Report)</i>
<b>SLO #1</b> Apply advanced knowledge of computing and mathematics appropriate to the discipline.	Direct: CPS 5995: Project report scored with rubric to show achievement of program goals.	Requirements Document	On a 5-point scale (5 high), 100% of the students scored 4 or better.	Second year of program; In AY 2013-2014, examples of requirements documents will continue to be discussed with the class, to establish expectations.
	Indirect: Program Completer Survey	Qualtrics survey	100% of respondents strongly agreed.	No action taken.
<b>SLO #2</b> Analyze a complex problem and identify and define the computing requirements appropriate to its solution.	Direct: CPS 5995: Project report scored with rubric to show achievement of program goals.	Design Document	On a 5-point scale (5 high), 100% of the students scored 4 or better.	In AY 2013-2014, the role of the design document will continue to be outlined, using additional detail.
	Indirect: Program Completer Survey	Qualtrics survey	100% of respondents strongly agreed.	No action taken.

<p><b>SLO #3</b> Design, implement, test, and evaluate a computer-based system, process, component, or program to meet desired needs.</p>	<p>Direct: CPS 5995: Project demonstration scored with rubric to show achievement of program goals.</p>	<p>Design Document and Demonstration</p>	<p>On a 5-point scale (5 high), 100% of the students scored 4 or better.</p>	<p>No action taken.</p>
	<p>Indirect: Program Completer Survey</p>	<p>Qualtrics survey</p>	<p>100% of respondents strongly agreed.</p>	<p>No action taken.</p>
<p><b>SLO #4</b> Use advanced techniques and skills for rigorous analysis and presentation of the project necessary for computing practice.</p>	<p>Direct: CPS 5995: 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% of the students scored 4 or better.</p>	<p>No action taken.</p>
	<p>Indirect: Program Completer Survey</p>	<p>Qualtrics survey</p>	<p>100% of respondents strongly agreed.</p>	<p>No action taken.</p>