Institutionalizing Assessment
Annual Progress Report *(Feb 2009)*

Check one: X Undergraduate Program ☐ Graduate Program ☐ GenEd ☐ Support Courses	
Program: CS/CIS	Submission Date: 10/15/2009
Reporting Cycle Year: ☐ 1st Year ☐ 2nd Year ☐ Final Year	

Assessment Plan *(if previously submitted in a prior progress report, specify "previously submitted")*

Assessment Implementation Date (AY): 2009-2010

Specify expected student learning outcomes:

CS/CIS PR-2: Demonstrate technical competence* in Programming:

- Analyze problems and create algorithm/heuristic solutions.
- Develop these using computer-programming methodologies in several programming languages.

Specify the tool(s) that will be used to measure student learning:

I will use post test, course embedded questions, standardized exams and/or portfolio evaluation methods to measure student learning outcomes in CS202 (Java Programming).

Status of Data Collection:

Assessment Report:

Closing the Loop:

NOTE: This form is designed to assist you with the on-going assessment process and to dovetail with assessment reporting in the program review process.

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Assessment Plan *(if previously submitted in a prior progress report, specify "previously submitted")*

Assessment Implementation Date (AY): 2010-2011

Specify expected student learning outcomes:

CS/CIS PR-3: Demonstrate technical competence in Systems.

- Identify and analyze system requirements, criteria and specifications.
- Design and implement human sensitive/compatible computer based systems using appropriate tools, methods and techniques.
- Effectively manage, organize, and retrieve all forms of information.
- Evaluate system design solutions and their risks.

Specify the tool(s) that will be used to measure student learning:

To measure the above student learning outcomes, we may teach Systems Analysis and Design in CS431. The instructor might use post test, course embedded questions, standardized exams and/or portfolio evaluation as the assessment tools.

Status of Data Collection:

Assessment Report:

Closing the Loop:

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Assessment Plan *(if previously submitted in a prior progress report, specify "previously submitted")*

Assessment Implementation Date (AY): 2011-2012

Specify expected student learning outcomes:

CS/CIS PR-4: Demonstrate technical competence in Databases.

- Be able to design and implement a functional database.

Specify the tool(s) that will be used to measure student learning:

CS315 is the course to measure the above student learning outcomes. I will use post test, course embedded questions, standardized exams and/or portfolio evaluation as the assessment tools.

Status of Data Collection:

Assessment Report:

Closing the Loop:

Check one: X Undergraduate Program ☐ Graduate Program ☐ GenEd ☐ Support Courses	
Program: CS/CIS	Submission Date: 10/15/2009
Reporting Cycle Year: ☐ 1st Year ☐ 2nd Year ☐ Final Year	

Assessment Plan *(if previously submitted in a prior progress report, specify "previously submitted")*

Assessment Implementation Date (AY): 2012-2013

Specify expected student learning outcomes:

CS/CIS PR-5: Demonstrate technical competence in Networks.

- Be able to design, install, administer, and maintain a computer network.
- Be able to setup, install, and use two different operating systems and be able to program client-server applications for them.

Specify the tool(s) that will be used to measure student learning:

CS403 is the course to measure the above student learning outcomes. The instructor might use post test, course embedded questions, standardized exams and/or portfolio evaluation as the assessment tools.

Status of Data Collection:

Assessment Report:

Closing the Loop:

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Program: CS/CIS	Submission Date: 10/15/2009
Reporting Cycle Year: ☐ 1st Year ☐ 2nd Year ☐ Final Year	

Assessment Plan *(if previously submitted in a prior progress report, specify "previously submitted")*

Assessment Implementation Date (AY): 2013-2014

Specify expected student learning outcomes:

CS/CIS PR-6: Develop socially, professionally, and ethically utilize these technical skills to construct robust, secure, beneficial (commercial, educational, social) systems i.e. NO Spam, Phishing, Hacking, Deceptive, Fraudulent, Criminal, or Terroristic systems.

Specify the tool(s) that will be used to measure student learning:

To measure the above student learning outcomes, we may teach Computer and Network Security in CS431. The instructor might use post test, course embedded questions, standardized exams and/or portfolio evaluation as the assessment tools.

Status of Data Collection:

Assessment Report:

Closing the Loop: