

**Summary of Assessment Activity**  
Department of Mathematics & Computer Science

Data Collection and Evaluation Recap

2004 -2005

<b>Course Number</b>	<b>Student performance for the learning outcomes indicates:</b>	<b>Data Source(s)</b>	<b>Observations or Actions</b>
COSC 4110	Mastered – Fa 2004	Fall - Evaluation Summaries for Three projects (2 sections)	16 - 17 of 22 meet or exceed expectations Weak areas noted for next instructors Four instructors met weekly to coordinate coverage and share techniques. Consistency between sections improved.
COSC 4110	Mastered – Sp 2005	Spring – Thailand (1 section) Three Project evaluation forms	Overall 7 of 7 meet expectations. One or two were below expectations largely in areas affected by ESL issues. 14 of 16 meet or exceed expectations
COSC 4120	Mastered – Fa 2004	Three project evaluation forms and detailed section summary	1 below expectations 1 not acceptable
COSC 4120	Mastered – Sp 2005	Course Summaries (2) & database projects	19 of 28 students meet or exceed expectations 7 below expectations No detail provided Continue 2 not acceptable No detail provided Observation
COSC 4810	Mastered – Sp 2005	Evaluation forms for five phases of the project - Thailand	4 of 4 meet expectations. Weak areas: PERT, interview, glossary
COSC 4820	Mastered – Sp 2005	Section summaries (1)	14 of 14 meet expectations
COSC 5000	Mastered – Sp 2005	Section summaries (1)	5 of 7 meet or exceed expectations + 3 withdrawals Suggestions noted for next offering.
COSC 6000	Problem Observed	Instructors notes	Noted weaknesses with UML. Replaced OOD/OOP instructor. Dramatic improvement observed during 2005-2006.
MATH 1610	Mastered	Analysis of 1,814 quizzes over 55 topics	85% quizzes score C or better 75% quizzes score B or better

2005 -2006

<b>Course Number</b>	<b>Student performance for the learning outcomes indicates:</b>	<b>Data Source(s)</b>	<b>Observations or Actions</b>
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COSC 4110			
COSC 4120			
COSC 5000	Mastered – Fa	Section Summaries (1) + notes	8 of 10 meet or exceed expectations
COSC 5120	Mastered	Section Summaries (1)	8 of 9 meet expectations 1 of 9 exceeded expectations 6 of 7 meet or exceed expectations overall Weakness noted include problem statements, normalization, time tracking.
COSC 6000	Mastered – St Louis	Section Summaries (1) Projects + notes	UML – vast improvement over 2004 in response to new instructors Project assignments appropriate. All completed projects I acceptable. However, 6 of 10 students received extensions to complete work in following term. Instructor note explanation. Continue observation.
COSC 6000	Mastered with more time – Palm Bay	Section Summaries (1) + notes	89% quizzes score C- or better 78% quizzes score B- or better
MATH 1610	Mastered	Analysis of 2,204 quizzes over 57 topics	

2006 -2007

<b>Course Number</b>	<b>Student performance for the learning outcomes indicates:</b>	<b>Data Source(s)</b>	<b>Observations or Actions</b>
COSC 2610	Mastered	Section Summaries (1)	7 of 9 meet or exceed expectations
COSC 3100	Mastered	Section Summaries (2)	11-13 of 15 meet or exceed expectations
COSC 4110			
COSC 4120	In progress		
COSC 4820	Mastered	Section Summaries (2)	17 of 17 meet or exceed expectations
COSC 5000	Cancelled	N/A	N/A
COSC 5010	Mastered	Section Summaries (2)	8 of 8 meet or exceed expectations
COSC 5020	Mastered	Section Summaries (2)	9 of 9 meet or exceed expectations 81% Meet 19% Exceed
COSC 5120	Inappropriate Course Content (1 section)	Materials forwarded by site director	Instructor no longer teaches for Webster Univ.
COSC 6000	In progress		
MATH 1610	Mastered	Analysis of 1,351 quizzes over 58 topics	88% quizzes score C or better 78% quizzes score B or better

**Summary of Assessment Activity**  
Department of Mathematics & Computer Science

Prior

**Course  
Number**

1999-2004  
Math Ed

**Student performance  
for the learning  
outcomes indicates:**

Mastered

**Data Source(s)**

Math Praxis Exam

**Observations or Actions**

100% pass rate for 4 of 5 years. One student did not pass in one year.