### Computer Science, B.S. (1)

**Measure 3: CSC 2640 Group Projects**

**Outcome/Objective 1:** Create computerized solutions to real problems

**Goals:**
1. Demonstrate professional competency

**Target:** 80% of students will achieve a B or better on group assignment.

**Finding:** 100% of students scored an A- or higher on group assignment.

**Measure 3: CSC 2640 Group Projects**

**Outcome/Objective 2:** Demonstrate ability to work effectively in a group

**Goals:**
1. Demonstrate professional competency

**Target:** 80% of students will achieve a B or better on group assignment.

**Finding:** 100% of students scored an A- or higher on group assignment.

**Measure 3: CSC 2640 Group Projects**

**Outcome/Objective 3:** Display effective communication skills

**Goals:**
1. Demonstrate professional competency

**Target:** 80% of students will achieve a B or better on group assignment.

**Finding:** 100% of students scored an A- or higher on group assignment.

### Mathematics, B.A., B.S.

**Not Met**

**Measure 1: Math 4990 - Senior Seminar**

**Outcome/Objective 1:** Demonstrate knowledge of Mathematical Analysis

**Goals:**
1. Demonstrate mathematical literacy and proficiency

**Target:** A total of 80% of students will achieve a grade of satisfactory or better (a grade of B/80%) in the seminar course.

**Finding:** 73% of students scored a B or better in Math Senior Seminar.

**Measure 1: Math 4990 - Senior Seminar**

**Outcome/Objective 2:** Demonstrate knowledge of Linear and Abstract Algebra

**Goals:**
1. Demonstrate mathematical literacy and proficiency

**Target:** A total of 80% of students will achieve a grade of satisfactory or better (a grade of B/80%) in the seminar course.

**Finding:** 73% of students scored a B or better in Math Senior Seminar.

**Measure 1: Math 4990 - Senior Seminar**

**Outcome/Objective 3:** Demonstrate knowledge of geometry/topology

**Goals:**
1. Demonstrate mathematical literacy and proficiency
Target: A total of 80% of students will achieve a grade of satisfactory or better (a grade of B/80%) in the seminar course.

Finding: 73% of students scored a B or better in Math Senior Seminar

Measure 1: Math 4990 - Senior Seminar

Outcome/Objective 4: Demonstrate knowledge of complex analysis

Goals:
1: Demonstrate mathematical literacy and proficiency

Target: A total of 80% of students will achieve a grade of satisfactory or better (a grade of B/80%) in the seminar course.

Finding: 73% of students scored a B or better in Math Senior Seminar.

Measure 1: Math 4990 - Senior Seminar

Outcome/Objective 5: Read and write mathematics

Goals:
2: Demonstrate ability to think critically

Target: A total of 80% of students will achieve a grade of satisfactory or better (a grade of B/80%) in the seminar course.

Finding: 73% of students scored a B or better in Math Senior Seminar.

Measure 1: Math 4990 - Senior Seminar

Outcome/Objective 6: Develop the skill of constructing proofs

Goals:
2: Demonstrate ability to think critically

Target: A total of 80% of students will achieve a grade of satisfactory or better (a grade of B/80%) in the seminar course.

Finding: 73% of students scored a B or better in Math Senior Seminar.

Measure 1: Math 4990 - Senior Seminar

Outcome/Objective 7: Observe, understand, apply, and communicate mathematical ideas, theory, and concepts

Goals:
2: Demonstrate ability to think critically
3: Demonstrate ability to engage in lifelong learning

Target: A total of 80% of students will achieve a grade of satisfactory or better (a grade of B/80%) in the seminar course.

Finding: 73% of students scored a B or better in Math Senior Seminar.

Measure 1: Math 4990 - Senior Seminar

Outcome/Objective 8: Analyze and think critically about mathematics

Goals:
3: Demonstrate ability to engage in lifelong learning

Target: A total of 80% of students will achieve a grade of satisfactory or better (a grade of B/80%) in the seminar course.

Finding: 73% of students scored a B or better in Math Senior Seminar.

Partially Met

Measure 3: Problem Sets

Outcome/Objective 6: Create correct and detailed mathematical proofs

Goals:
2: Communicate mathematical concepts

Target: Students will be able to construct proofs, to analyze statements of theorems, and create examples and counterexamples. Rubric for measurement is based on the method of solution, organization, write-up of
Finding: Of the six students enrolled, one did not complete all assignments and received an INC. The remaining five students all met and exceeded the goals. Two students received a grade of A, one a grade of B+, and two a grade of B.

Targets Without Findings

Measure 2: Group Presentation

Outcome/Objective 4: Read and write mathematics

Goals:
2: Communicate mathematical concepts

Target: 80% of students will demonstrate mastery of this learning objective.

Measure 2: Group Presentation

Outcome/Objective 5: Communicate mathematical concepts

Goals:
2: Communicate mathematical concepts

Target: 80% of students will demonstrate mastery of this learning objective.

Measure 2: Group Presentation

Outcome/Objective 8: Solve, analyze and interpret a problem

Goals:
3: Conduct research in mathematics

Target: 80% of students will demonstrate mastery of this learning objective.

Measure 4: Course Evaluations

Outcome/Objective 4: Read and write mathematics

Goals:
2: Communicate mathematical concepts

Target: Spring 2011 - MTH 167 Mathematical Modeling I - Dr. Florin Catrina

Measure 5: Reading Assignments and solution of non-standard homework problems
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Outcome/Objective 5: Communicate mathematical concepts</strong></td>
</tr>
<tr>
<td><strong>Goals:</strong> 2: Communicate mathematical concepts</td>
</tr>
<tr>
<td><strong>Target:</strong> Course: Math 209 Linear Algebra CRN 70584; Instructor: Mikhail Ostrovskii. Target: 80% of students will demonstrate mastery of this learning objective.</td>
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<thead>
<tr>
<th>Measure 6: Midterm</th>
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<tbody>
<tr>
<td><strong>Outcome/Objective 1: Ability to apply Real Analysis</strong></td>
</tr>
<tr>
<td><strong>Goals:</strong> 1: Demonstrate advanced knowledge of mathematics</td>
</tr>
<tr>
<td><strong>Target:</strong> Semester: Spring 2012 Course: MTH 308 Real Anaysis Instructor: Grenady Grabernik</td>
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<tr>
<th>Measure 7: Final Project</th>
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<tbody>
<tr>
<td><strong>Outcome/Objective 10: Apply mathematical skills in career interests</strong></td>
</tr>
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<td><strong>Goals:</strong> 4: Develop mathematical maturity</td>
</tr>
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### Status Overview for Academic Entities

<table>
<thead>
<tr>
<th>Category</th>
<th>Final</th>
<th>In-Progress</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mission / Purpose</td>
<td>3 (100%)</td>
<td>0 (0%)</td>
<td>0 (0%)</td>
</tr>
<tr>
<td>Goal (if used)</td>
<td>3 (100%)</td>
<td>0 (0%)</td>
<td>0 (0%)</td>
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<tr>
<td>Outcome/Objective</td>
<td>3 (100%)</td>
<td>0 (0%)</td>
<td>0 (0%)</td>
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<tr>
<td>Measure</td>
<td>3 (100%)</td>
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<tr>
<td>Target</td>
<td>2 (67%)</td>
<td>1 (33%)</td>
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<tr>
<td>Finding</td>
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<td>2 (67%)</td>
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<td>Action Plan</td>
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<td>Analysis Question</td>
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<tr>
<td>Annual Report Section</td>
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<td>3 (100%)</td>
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