

2012-2013 Achievement Summary Profile

As of: 9/23/2013 10:04 AM EST

Computer Science, B.S. (1)

Met

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.

## Mathematics, M.A.

### 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

solution, and explanation of solution.

*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.

#### Measure 3: Problem Sets

Outcome/Objective 7: Recognize, analyze, and formulate a problem

Goals:

3: Conduct research in mathematics

*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 solution, and explanation of solution.

*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.

#### Measure 3: Problem Sets

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

Goals:

3: Conduct research in mathematics

*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 solution, and explanation of solution.

*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

Outcome/Objective 4: Read and write mathematics

Goals:

2: Communicate mathematical concepts

Target: Course: Math 209 Linear Algebra CRN 70584; Instructor: Mikhail Ostrovskii. Target: 80% of students will demonstrate mastery of this learning objective.

Measure 5: Reading Assignments and solution of non-standard homework problems

Outcome/Objective 5: Communicate mathematical concepts

Goals:

2: Communicate mathematical concepts

Target: Course: Math 209 Linear Algebra CRN 70584; Instructor: Mikhail Ostrovskii. Target: 80% of students will demonstrate mastery of this learning objective.

Measure 5: Reading Assignments and solution of non-standard homework problems

Outcome/Objective 6: Create correct and detailed mathematical proofs

Goals:

2: Communicate mathematical concepts

Target: Course: Math 209 Linear Algebra CRN 70584; Instructor: Mikhail Ostrovskii. Target: 80% of students will demonstrate mastery of this learning objective.

Measure 6: Midterm

Outcome/Objective 1: Ability to apply Real Analysis

Goals:

1: Demonstrate advanced knowledge of mathematics

Target: Semester: Spring 2012 Course: MTH 308 Real Analysis Instructor: Grenady Grabernik

Measure 6: Midterm

Outcome/Objective 10: Apply mathematical skills in career interests

Goals:

4: Develop mathematical maturity

Target: Semester: Spring 2012 Course: MTH 308 Real Analysis Instructor: Grenady Grabernik

Measure 7: Final Project

Outcome/Objective 1: Ability to apply Real Analysis

Goals:

1: Demonstrate advanced knowledge of mathematics

Target: Semester: Spring 2012 Course: MTH 308 Real Analysis Instructor: Grenady Grabernik

Measure 7: Final Project

Outcome/Objective 10: Apply mathematical skills in career interests

Goals:

4: Develop mathematical maturity

Target: Semester: Spring 2012 Course: MTH 308 Real Analysis Instructor: Grenady Grabernik

# St. John's University

As of: 9/23/2013 10:05 AM EST

## 2012-2013 Data Entry Status Overview

This report shows Data Entry Status based on Draft/In-Progress vs. Final status determined by users. To get a more complete picture of remaining work, also run Audit reports for the sections of interest.

### Status Overview for Academic Entities

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