

Mathematics Department

Academic Affairs

Administrative Unit Assessment

FY 2018 (July 2017 - July 2018)

Department and Assessment Report Information

Prepared on:4/24/2018 4:56:05 PM	By:john.trimboli@mga.edu
For which department or area are you reporting?	Mathematics Department
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Departmental Mission and Goals

The mission and goals of the department should be consistent over a 5 year period, although some institutional changes may necessitate and prompt a change in mission or goals for specific departments. In this section, you will report the mission statement for your department as well as the long term goals (5 year range) for the department.

What is the mission statement for this department/area? Your mission should explain why the department/area exists and who it serves.	The analytical and problem-solving skills cultivated by students majoring in mathematics are both versatile and highly valued in industry, government, and education. The Bachelor of Science degree program in mathematics is designed to prepare students to (1) attend professional and graduate school in mathematics, (2) teach mathematics in secondary school, or (3) seek employment in mathematical related fields in the public and private sectors. Students majoring in mathematics may arrange their course work according to their interests. The Mathematics degree provides excellent preparation for graduate study or careers where mathematical ideas and techniques are used to solve real world problems. All students majoring in mathematics must satisfy a common lower level and upper level core.
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What are the goals for this department? These should be the "big things" the department/area intends to accomplish within 5 years.	Our goals to be accomplished within the next five years are to: (#1) develop a statistics minor appropriate for students in our department as well as other departments, (#2) begin offering an actuarial track to our B.S. in Math, and (#3) partnership with the public schools in Middle Georgia, with the goal of establishing a pipeline for enrollment of new math majors. "
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Objectives

Each year, every department should identify objectives the department hopes to accomplish in the next year. These should align with departmental goals and the MGA strategic plan. In the next section you will be reporting on the objectives you set and whether or not you achieved them in FY 18. Later in the document you will report on objectives you hope to accomplish in the coming fiscal year, FY19.

Objective 1

Objective 1: What was this department's first objective for this fiscal year? Objectives should be specific, measurable, and achievable within one year.	To formally keep track of our alumni so that we can use them as success stories for potential new students.
Objective 1: How did your department measure this objective? (Survey, budget number, number of participants, jobs completed, measurable time and/or effort)	Get new phone numbers and email addresses of all of our graduates from the past ten years.
Objective 1: What was your target outcome for this objective? (1.e. 80% participation, 5% enrollment growth, 7% change in engagement)	70% success rate
Objective 1: At what level did the department/area achieve on this objective? (This should be a number, i.e. 82%, 6%, 345 attendees, 75% engagement)	In the process of doing...
Objective 1: Did your department meet this objective?	The department met this objective.
Objective 1: What did your department learn from working toward this objective? What changes will you make based on this effort next year?	What jobs our graduates are doing, and what further education they obtained beyond our B.S. degree.

Objective 2

Objective 2: What was this department's second objective for this fiscal year? Objectives should be specific, measurable, and achievable within one year.	Administer an exit questionnaire to our graduates, so we can identify "things" that we are doing well and areas that we can improve upon.
Objective 2: How did your department measure this objective? (Survey, budget number, number of participants, jobs completed, measurable time and/or effort)	Survey our graduates immediately after graduation.
Objective 2: What was your target outcome for this objective? (1.e. 80% participation, 5% enrollment growth, 7% change in engagement)	100% participation
Objective 2: At what level did the department/area achieve on this objective? (This should be a number, i.e. 82%, 6%, 345 attendees, 75% engagement)	In the process of doing now...
Objective 2: Did your department meet this objective?	The department met this objective.
Objective 2: What did your department learn from working toward this objective? What changes will you make based on this effort next year?	Yet to be determined...

Objective 3

Objective 3: What was this department's third objective for this fiscal year? Objectives should be specific, measurable, and achievable within one year.	Develop a protocol for measuring Learning Support students' success in their corresponding gateway math course. Calculate MATH 1101 success rates for students enrolled in MATH 0998 corequisite courses, and calculate MATH 111 success rates for students enrolled in MATH 0999 courses.
Objective 3: How did your department measure this objective? (Survey, budget number, number of participants, jobs completed, measurable time and/or effort)	Used Blackboard Analytics
Objective 3: What was your target outcome for this objective? (1.e. 80% participation, 5% enrollment growth, 7% change in engagement)	70% success rates
Objective 3: At what level did the department/area achieve on this objective? (This should be a number, i.e. 82%, 6%, 345 attendees, 75% engagement)	in the process of doing now...
Objective 3: Did your department meet this objective?	The department met this objective.
Objective 3: What did your department learn from working toward this objective? What changes will you make based on this effort next year?	Yet to be determined.

Objective 4

Objective 4: What was this department's fourth objective for this fiscal year? Objectives should be specific, measurable, and achievable within one year.	
Objective 4: How did your department measure this objective? (Survey, budget number, number of participants, jobs completed, measurable time and/or effort)	
Objective 4: What was your target outcome for this objective? (1.e. 80% participation, 5% enrollment growth, 7% change in engagement)	
Objective 4: At what level did the department/area achieve on this objective? (This should be a number, i.e. 82%, 6%, 345 attendees, 75% engagement)	
Objective 4: Did your department meet this objective?	
Objective 4: What did your department learn from working toward this objective? What changes will you make based on this effort next year?	

Future Plans

<p>Please identify at least four measurable objectives for the next fiscal year. In listing the objectives, please use the format shown in these examples.1) The Department of X will improve services levels by 5% as measured by our satisfaction survey. 2) The department to X will provide training in ABC for at least 73 MGA faculty and staff.</p>	<p>We will be doing the three objectives addressed in questions (#7) thru (#24).</p>
<p>Based on this assessment, please share your thoughts on the current status and future direction of this department or area.</p>	<p>"As a department, we realized that we do not have any specific information about the salaries of our program's graduates. However, we are in the process of verifying contact information of our program graduates, with the intent of inviting them to a networking mixer to help connect current students with past program graduates. We also intend to survey these graduates to gather employment data such as field of study and salary, as well as program assessment data. It has not been the practice of the Mathematics Department to track the successes of our majors upon their graduations. We do plan to start that practice now, though. However, we have helped many of our graduates pursue further studies in graduate/professional schools in statistics, mathematics, law, medicine, as well as other disciplines of study. We have written numerous letters of recommendations that were successful in helping many of our graduates obtain employment as high school teachers, NSA agents, actuaries, as well as across a wide variety of different careers. "</p>

Form run:

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