

Department/Program Assessment Plan

Department/Program: Math

Contact Person: Tom Oakberg

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1. Program Maps

Please include below or attach a curriculum map linking program outcomes to courses. Also include a map indicating where in the program College Learning Outcomes and High Impact Practices are addressed.

Curriculum Map

Courses	Apply the acquired skills to other courses.	Reason analytically and quantitatively.	Think critically and independently about mathematical situations.	Understand the quantitative aspects of current events.	Make informed decisions that involve interpreting quantitative information.	Make informed decisions about their personal and professional lives.
M 065		X				
M 090		X				
M 095		X				
M 105		X	X	X	X	
M 120	X	X			X	X
M 121		X	X			
M 135	X	X	X			X
M 136	X	X	X			X
M 140	X	X	X		X	X
M 151		X	X		X	
M 171		X	X		X	
M 172		X	X		X	
M 191B	X	X				
M 273		X	X		X	
M 274		X	X		X	
STAT 216		X	X	X	X	

CLO/HIPs alignment

Course	CLOs			HIPs										
	Critical Thinking	Comm.	Prof.	FYS	CIE	LC	WIC	CAP	UR	DGL	eP	SL	IN	CCP
M 065														
M 090														
M 095														
M 105	X													
M 120														
M 121														
M 130												X		
M 131														
M 140														
M 151	X													
M 171														
M 172														
M 191B														
M 273														
M 274														
STAT 216	X													

CLOs: Critical Thinking Communication Professionalism

HIPs: First-Year Seminars/Experiences (FYS) Common Intellectual Experiences (CIE) Learning Community (LC) Writing-Intensive Courses (WIC) Collaborative Assignments/Projects (CAP) Undergraduate Research (UR) Diversity/Global Learning (DGL) ePortfolios (eP) Service Learning (SL) Internships (IN) Capstone Courses/Projects (CCP)

2. Assessment Plan and Schedule

Please provide a multi-year schedule indicating when program outcome assessment will be reported and what classes will be used to assess program outcomes. The assessment cycle should be 5 years or less.

*Programs with external accreditation should follow the assessment timeline and requirements of their accrediting body. Please share your assessment schedule (if applicable) below. Otherwise, please give a detailed response to item 3.

Course(s) used to assess outcome	Year Reported	Program Outcome
M 140/ M 191B	2022-2023	Apply the acquired skills to other courses.
M 121/ M 171	2020-2021	Reason analytically and quantitatively.
M 105/ STAT 216	2019-2020	Think critically and independently about mathematical situations.
M 105/ STAT 216	2021-2022	Understand the quantitative aspects of current events.
M 121/ M 151	2021-2022	Make informed decisions that involve interpreting quantitative information.
M 130/ M 140	2022-2023	Make informed decisions about their personal and professional lives.

3. Assessment Process

Individual faculty will be asked to follow the assessment plan and schedule as indicated above. Faculty will be expected to complete reflections for the courses indicated. Please note here 1) when reflections will be completed, and 2) any additional assessment processes your department/program will follow.

Individual faculty will complete reflections at the end of each semester. The Department Chair will work in conjunction with appropriate faculty to collect assessment data on the Program Outcomes being assessed in each year.

4. College Learning Outcomes Assessment

Please indicate here if CLOs will be assessed using any departmental/programmatic assessments or if they will be assessed by individual faculty using a tool of their choice.

Department/Program Assessment

Common Final Exam questions for courses that have one in place.

Individual Faculty Assessment

Individual faculty assessment will take place in courses that do not have a Common Final exam – these are typically single-section courses taught by only one instructor each semester/year.

5. Opportunities for Change

Please indicate here any opportunities for change on which your department/program plans to work during the assessment cycle and how those changes will be assessed. Examples might include improving pass rates in a course, creating departmental assessments, etc.

The Math Department will be working this year to standardize its Outcomes Assessment charts for all courses. The revision of departmental assessments such as common final exams is always in progress, as these are reviewed at least once yearly in Department meetings to identify any needed changes.

Please return this completed form to Mandy Wright at assessment@gfcmsu.edu.