

### Sample General Education Assessment Planning/Reporting Form

<b>Course Number/Section:</b> MATH 000-00 <b>Instructor:</b> Prof. Jane Doe	<b>General Education Assessment Plan</b> <b>Mathematics (M2)</b>	<b>Semester:</b> Spring, 2010 <b>Number of Students Enrolled =</b> 25
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<b>Learning Outcome</b>	<b>Data Source(s)</b> [List assignments, exercises, exams, and/or questions, etc. that measure this outcome.]	<b>Assessment Measure</b> [Describe how the data source(s) are measured, e.g., grading scales, rubrics, etc.]	<b>Performance Criteria</b> Describe criteria for categorizing performances as Exceeding, Meeting, Approaching, and Not Meeting the Learning Outcome]
Learning Outcome 1: Students will demonstrate the ability to interpret and draw inferences from mathematical models such as formulas, graphs, tables, and schematics.	Exam 2: 1(a,b),2(a,b),3(a,b),4(a)	A 4-point rubric, with a score range of 0 to 3, with higher scores indicating better performance.	Exceeding: Mean $>$ or $=$ 2.0 Meeting: Mean = 1.5-1.99 Approaching: Mean = 1.0-1.49 Not Meeting: Mean $<$ 1.0
Learning Outcome 2: Students will demonstrate the ability to represent mathematical information symbolically, visually, numerically, and verbally.	Exam 1: 2(a),6,7 Exam 3(Part 1): 1,3	Same as above	Same as above
Learning Outcome 3: Students will demonstrate the ability to employ quantitative methods such as arithmetic, algebra, geometry, or statistics to solve problems.	Exam 1: 1,3,4,5,9,10 Exam 2: 5,6(c) Exam 3(Part 1): 2,4,5	Same as above	Same as above
Learning Outcome 4: Students will demonstrate the ability to estimate and check mathematical results for reasonableness.	Exam 1: 8	Same as above	Same as above
Learning Outcome 5: Students will demonstrate the ability to recognize the limits of mathematical and statistical methods.	Exam 3(Part 2): 1, 2(a,b,c,d,e),	Same as above	Same as above

**General Education Assessment Results Summary  
Mathematics (M2)**

**Results  
(Number of Students Assessed = 20)**

<b>Learning Outcome</b>	<b>% Exceeding</b>	<b>% Meeting</b>	<b>% Approaching</b>	<b>% Not Meeting</b>	<b>% Exceeding/ Meeting</b>
Learning Outcome 1	75.0%	15.0%	5.0%	5.0%	90.0%
Learning Outcome 2	70.0%	15.0%	5.0%	10.0%	85.0%
Learning Outcome 3	80.0%	10.0%	10.0%	0.0%	90.0%
Learning Outcome 4	50.0%	25.0%	15.0%	10.0%	75.0%
Learning Outcome 5	60.0%	15.0%	15.0%	10.0%	75.0%

**Changes to Be Made Based on Results**

<b>Learning Outcome</b>	<b>Proposed Action(s)</b>
Learning Outcome 1	None required
Learning Outcome 2	None required
Learning Outcome 3	None required
Learning Outcome 4	I will have students spend additional time (class & homework) working on problems involving estimation.
Learning Outcome 5	I will have students spend additional time (class & homework) completing proofs and finding angle measures using given information.