

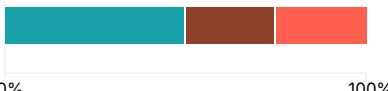
Written communication - content knowledge **NOT MET**

MEASURES	RESULTS	ACTIONS												
<p>Content Knowledge - groups</p> <p>Two samples will be gathered from Math 3350 students of written work. These may be taken from any in-class assessment and must directly involve content knowledge new to this course. Samples will be scored on the content knowledge rubric and students are expected to score a 6 or higher (out of 9).</p> <p>Direct - Portfolio</p> <p><i>Modern Algebra - Groups: MATH 3350</i></p> <p>Target</p> <p>At least 70% of graduating students will have an average score of 6 or higher on the content knowledge rubric for two sampled problems in Math 3350.</p> <p>correctness of proof rubric.docx</p>	<p>NOT MET</p> <p>Content Knowledge - groups</p> <p>Exceeded Met Approached Not Met</p> <table><tr><td>Exceeded:</td><td>27%</td></tr><tr><td>Met:</td><td>27%</td></tr><tr><td>Approached:</td><td>9%</td></tr><tr><td>Not Met:</td><td>36%</td></tr><tr><td>Met Total:</td><td>55%</td></tr><tr><td>Not Met Total:</td><td>45%</td></tr></table> <p>Analysis</p> <p>Slightly more than 50% of the students met this goal, but a significant number of students were unsuccessful.</p>	Exceeded:	27%	Met:	27%	Approached:	9%	Not Met:	36%	Met Total:	55%	Not Met Total:	45%	<p>Gather Additional Data</p> <p>Not Started</p> <p>We will reexamine this goal and make recommendations for further actions after a second assessment of this course (next offered in Spring 2026).</p>
Exceeded:	27%													
Met:	27%													
Approached:	9%													
Not Met:	36%													
Met Total:	55%													
Not Met Total:	45%													
<p>Content knowledge - analysis</p> <p>Direct - Portfolio</p> <p><i>Analysis I: MATH 4325</i></p> <p>Target</p> <p>Two samples will be gathered from Math 4325 students of written work. These may be taken from any in-class assessment and must directly involve content knowledge new to this course. Samples will be scored on the content knowledge rubric and 70% of students are expected to score a 7 or higher (out of 9).</p> <p>correctness of proof rubric.docx</p>	<p>MET</p> <p>Content knowledge - analysis</p> <p>Met Not Met</p> <table><tr><td>Met:</td><td>80%</td></tr><tr><td>Not Met:</td><td>20%</td></tr><tr><td>Met Total:</td><td>80%</td></tr><tr><td>Not Met Total:</td><td>20%</td></tr></table> <p>Analysis</p> <p>80% of students successfully completed this measure.</p>	Met:	80%	Not Met:	20%	Met Total:	80%	Not Met Total:	20%	<p>Gather Additional Data</p> <p>IN PROGRESS</p> <p>Gather more data in Fall 2025 to make sure this goal continues to be met.</p>				
Met:	80%													
Not Met:	20%													
Met Total:	80%													
Not Met Total:	20%													

Conclusion

Students successfully demonstrated content knowledge in Math 4325, but not in Math 3350. We will gather more data in the 2025-26 academic year to be able to look at trends and then re-evaluate this goal, and perhaps recommend further actions in Math 3350.

Written communication - growth **NOT MET**

MEASURES	RESULTS	ACTIONS										
<p>Proof Growth to Groups</p> <p>Direct - Portfolio</p> <p><i>Intro to Advanced Mathematics: MATH 3322</i></p> <p>Target</p> <p>70% of students will show growth in proof writing between the beginning of Math 3322 and the end of Math 3350. They will show a measure of 2 or above on the growth rubric.</p> <p>indication of growth rubric.docx</p>	<p>NOT MET</p> <p>Proof Growth to Groups</p> <p>■ Met ■ Approached ■ Not Met</p>  <table><tr><td>Met:</td><td>50%</td></tr><tr><td>Approached:</td><td>25%</td></tr><tr><td>Not Met:</td><td>25%</td></tr><tr><td>Met Total:</td><td>50%</td></tr><tr><td>Not Met Total:</td><td>50%</td></tr></table> <p>Analysis</p> <p>We only had 4 students to evaluate in this category since we were only able to gather information from students who took Math 3322 in Fall 2024 and Math 3350 in Spring 2025. Other students will be tracked as they complete Math 3350. Therefore 50% of the students met the goal.</p>	Met:	50%	Approached:	25%	Not Met:	25%	Met Total:	50%	Not Met Total:	50%	<p>Gather Additional Data</p> <p>IN PROGRESS</p> <p>Gathering data as students progress through courses.</p>
Met:	50%											
Approached:	25%											
Not Met:	25%											
Met Total:	50%											
Not Met Total:	50%											
<p>Proof Growth to Analysis</p> <p>Direct - Portfolio</p> <p><i>Intro to Advanced Mathematics: MATH 3322</i></p> <p>Target</p> <p>70% of students will show growth in proof writing between the beginning of Math 3322 and the end of Math 4325. They will show a measure of 3 or above on the growth rubric.</p>	<p>NOT MET</p> <p>Analysis</p> <p>We collected Math 3322 samples during spring 2025 to begin this growth assessment and will measure as students complete Math 3350/Math 4325. This cannot be measured and assessed at this time as it's a new goal.</p>	<p>Gather Additional Data</p> <p>IN PROGRESS</p> <p>Gather data for the growth measurement as students continue coursework.</p>										

Conclusion

We have changed this goal and so have not been able to gather enough data to analyze this goal - we will reexamine next academic year.

Oral Communication - Math 3322

MEASURES	RESULTS	ACTIONS
<p>Oral communication - content knowledge</p> <p>Each student will be required to present at least one solution in Math 3322. The top score shall count as their score on the presentation rubric for the course.</p> <p>Direct - Presentation</p>	<p>No results have been added.</p>	<p>No actions have been added.</p>

BA in Mathematics - BA-MTHA

<p><i>Intro to Advanced Mathematics: MATH 3322</i></p> <p>Target</p> <p>80% of students completing Math 3322 will score a 7 or higher on the oral presentation rubric.</p>		
<p>Oral Communication - growth</p> <p><i>Intro to Advanced Mathematics: MATH 3322</i></p> <p>Target</p> <p>At least 80% of students will show growth according to the oral communication growth rubric. This will be indicated by a score of 2 or higher on the growth rubric.</p>	<i>No results have been added.</i>	<i>No actions have been added.</i>

Oral Communication - problem solving **NOT MET**

MEASURES	RESULTS	ACTIONS
<p>Oral communication - problem solving</p> <p>Direct - Presentation</p> <p><i>Problem Solving: MATH 4307</i></p> <p>Target</p> <p>All students taking Math 4307 will be required to present their solution to a new problem and 80% will score a 7 or higher on the oral presentation rubric.</p> <p>oral communication - problem solving.docx</p>	<p>NOT MET</p> <p>Spring 2025 - Fowler - Math 4307 - oral communication roster - f.xlsx</p> <p>Analysis</p> <p>5/8 students scored 7 or higher on the oral presentation rubric.</p>	<p>Revise Curriculum</p> <p>IN PROGRESS</p> <p>Re-evaluate pre-requisites for the course. Students who scored lower on the rubric seemed to have fewer math courses before Math 4307.</p>

Conclusion

Students who did not meet the standard seemed to have fewer mathematics courses. Since this course is a capstone, in Fall 2025 we'll re-evaluate the prerequisites that might ensure student success.

Program Efficacy

Use an exit interview to assess student satisfaction with program.

MEASURES	RESULTS	ACTIONS
<p>Program Satisfaction</p> <p>Indirect - Survey</p> <p>Target</p>	<i>No results have been added.</i>	<i>No actions have been added.</i>

80% of students complete the exit survey. At graduation, 80% of respondents indicate that they are satisfied with the program.		
Employment/Grad School Enrollment Indirect - Survey Target 80% of graduates respond to a survey at one-year check in. At one-year check-in, 80% of respondents indicate that they are in graduate school or employed in a math-related career.	<i>No results have been added.</i>	<i>No actions have been added.</i>

Success on Teacher Certification Content Exam

Students seeking teaching certification will successfully complete their content exam.

MEASURES	RESULTS	ACTIONS
LU Certification Exam Direct - Exam (Certification/ Licensure) Target 80% of students will successfully complete their LU certification exam.	<i>No results have been added.</i>	<i>No actions have been added.</i>
State Certification Exam Direct - Exam (Certification/ Licensure) Target 80% of students will successfully complete their state mathematics certification exam.	<i>No results have been added.</i>	<i>No actions have been added.</i>