

**Academic Pathways Map**  
**Engineering and Math Gen Ed Core**  
**C.G.S. Jumpstart**  
**Engineering and Math**

**Start Here**

<b>SEMESTER 1</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
M171	CALCULUS I	4	*	
CHMY141	COLLEGE CHEMISTRY I	4	*	
WRIT101	COLLEGE WRITING I	3		
COMX111	INTRODUCTION TO PUBLIC SPEAKING	3		
PHL110	PROBLEMS OF GOOD AND EVIL	3		

**TOTAL CREDITS 17**

<b>SEMESTER 2</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
M172	CALCULUS II	4	*	
Choose 1 of 2	CHMY143, PHSX220	4	*	
NASX105	INTRODUCTION TO NATIVE AMERICAN STUDIES	3		
PSYX100	INTRODUCTION TO PSYCHOLOGY	3		
SOCI101	INTRODUCTION TO SOCIOLOGY	3		

**TOTAL CREDITS 17**

**You are finished!**

**Pathway Advising Notes:** This is a Jumpstart Pathway. The 10 courses listed satisfy course requirements for the following degrees: Applied Mathematical Sciences at MT Tech; Civil Engineering at Carroll College, MSU and MT Tech and Electrical Engineering at MSU and MT Tech. A grade of C- or better is required for all courses.

**Course Advising Notes:** CHMY141: Check CHMY141 will be accepted for CHMY121 at Carroll College