HELENA COLLEGE
UNIVERSITY OF MONTANA

Academic Pathways Map

Civil Engineering Transfer to MT Tech Part Time

A.S. Jumpstart

Engineering and Math

Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
M171	Calculus I	4	*	
CHMY141	College Chemistry I	4	*	
COLS101	First Year Seminar	3		
	TOTAL CREDITS	11		

SEMESTER 2		CREDITS	MILESTONE	✓
M172	Calculus II	4	*	
CHMY143	College Chemistry II	4	*	
COMX111	Introduction to Public Speaking	3		
	TOTAL CREDITS	11		

SEMESTER 3		CREDITS	MILESTONE	✓
Choose 1 of 2	LIT110, SPNS101	3-4		
WRIT121	Introduction to Technical Writing	3		
PHSX220	Physics I (w/ Calculus)	4		
	TOTAL CREDITS	10 -11		

SEMESTER 4		CREDITS	MILESTONE	✓
PHL110	Problems of Good and Evil	3		
PHSX222	Physics II (w/ Calculus)	4		
	TOTAL CREDITS	7		

SEMESTER 5		CREDITS	MILESTONE	✓
PSYX100	Introduction to Psychology	3		
GEO101	Introduction to Physical Geology	4		
	TOTAL CREDITS	7		

SEMESTER 6		CREDITS	MILESTONE	✓
Choose 1 of 2	ECNS201, ECNS202	3	*	
NASX105	Introduction to Native American Studies	3		
SOCI101	Introduction to Sociology	3		
	TOTAL CREDITS	9		

SEMESTER 7		CREDITS	MILESTONE	✓
M115	Probability and Linear Mathematics	3		
STAT216	Introduction to Statistics	3		
		TOTAL CREDITS 6		

You are finished!

Pathway Advising Notes: This is a Jumpstart Pathway. Courses taken at Helena College will transfer to Montana Technological University and will satisfy most of the coursework required in the first year of the Civil Engineering degree.
•There are some courses that are offered on the MT Tech campus only which can be taken after transfer.
•M273 Multivariable Calculus and M274 Differential can be taken at MT Tech.
•Some courses may be offered in the Summer.

Course Advising Notes: M171: MT Tech required course
Students not prepared for M 171 their first semester should consider taking M 151 the summer prior.
CHMY141: Mt Tech required course
M172: Mt Tech required course.
CHMY143: Mt Tech required course
COMX111: Course meets both Mt Tech and HC Communications Core. Course is offered every fall, spring, and summer semester.
LIT110 or SPNS101: H&FA course.
Recommended courses meet core requirements at both Mt Tech and HC, but any H&FA course will meet HC requirement. Foreign language may be beneficial for some students
WRIT121: WRIT 121 meets core writing requirement for both HC and MT Tech.
PHL110: H&FA course
PHL 110 strongly encouraged and part of Mt. Tech core, but any H&FA course will meet this requirement for HC. PHL 110 offered every fall, spring, and summer semester.
PSYX100: S&PS/H course
Course offered every fall, spring, and summer semester.
GEO101: Mt Tech required course
ECNS201 or ECNS202: S&PS/H course
Mt Tech required course—either course will meet requirement. Courses offered on rotation every fall, spring, and summer semester.
SOCI101: S&PS/H course
Course offered every fall, spring, and summer semester.
If students take M151 to prepare for M171 in the first semester, this course is not needed—student may have earned 60 credits needed for degree.