MEDICINE HAT COLLEGE

Name: _____
ID#: _____
Date Created: _____
Date Revised: _____

PROGRAM PLANNING GUIDE 2025-2026

Built Environment Engineering Technology <u>Diploma</u>

<u>Winter Admission Program Start</u>

The purpose of this program planning guide is to help students track their progress within their chosen program. The information in this planning guide is accurate at the time of printing and is subject to change without notice. It is the students' responsibility to ensure the accuracy of their program and course choice. Students should use the program planning guide dated the year in which they began the program. This guide should be used in conjunction with the official version of the Medicine Hat College Calendar, and calendars of appropriate transfer institutions, which are the final authorities regarding program requirements.

Year One

WINTER SEMESTER		
COURSE	**DATE**	**GRADE**
CADD 132 [4] *(lec/lab)* Mechanical Design I – Applied Physics ***Prerequisite:*** *CADD 101*		
CADD 151 [3] *(lec/lab)* Technical Communications		
CADD 173 [3] *(lec/lab)* Construction Methods		

Year Two

FALL SEMESTER			**WINTER SEMESTER**		
COURSE	**DATE**	**GRADE**	**COURSE**	**DATE**	**GRADE**
CADD 101 [4] *(lec/lab)* Drafting I			**CADD 102 [4]** *(lec/lab)* Drafting II ***Prerequisite:*** *CADD 101*		
CADD 121 [4] *(lec/lab)* CADD Applications I ***Corequisite:*** *CADD 101*			**CADD 161 [4]** *(lec/lab)* Civil Design I – Civil Design Fundamentals ***Prerequisite:*** *CADD 101*		
CADD 122 [4] *(lec/lab)* CADD Applications II ***Corequisite:*** *CADD 101*			**CADD 182 [4]** *(lec/lab)* Building Design I – Building Systems ***Prerequisite:*** *CADD 101*		
CADD 172 [3] *(lec/lab)* Sustainability & Systems Thinking					
CADD 174 [4] *(lab)* CADD Labs					
MATH 150 [4] *(lec)* Technical Math					

Year Three

FALL SEMESTER			WINTER SEMESTER		
COURSE	**DATE**	**GRADE**	**COURSE**	**DATE**	**GRADE**
BEET 201 [4] *(lab)* Digital Design & Presentation ***Prerequisite:*** *CADD 122*			**BEET 232 [4]** *(lec/lab)* Mechanical Design III ***Prerequisite:*** *Min 60 % in BEET 231*		
BEET 231 [4] *(lec/lab)* Mechanical Design II ***Prerequisite:*** *CADD 102 & CADD 121 & CADD 132*			**BEET 242 [4]** *(lec/lab)* Piping & Control Systems ***Prerequisite:*** *CADD 102*		
BEET 261 [4] *(lec/lab)* Civil Design II ***Prerequisite:*** *CADD 161*			**BEET 262 [4]** *(lec/lab)* Civil Design III ***Prerequisite:*** *Min 60 % in BEET 261*		
BEET 271 [4] *(lec/lab)* Design Strategies ***Prerequisite:*** *2nd Year Standing or permission of Coordinator*			**BEET 272 [4]** *(lec/lab)* Capstone ***Prerequisite:*** *Pre-requisite: Min. 60% in BEET 271* ***Co-requisite:*** *Two of BEET 232, BEET 242, BEET 262, or BEET 282*		
BEET 281 [4] *(lec/lab)* Building Design II ***Prerequisite:*** *CADD 102 & CADD 122 & CADD 182*			**BEET 282 [4]** *(lec/lab)* Building Design III ***Prerequisite:*** *Min 60 % in BEET 281*		

Continuation Requirements:

- Prerequisite grades should be C- or higher, though specific courses may demand a higher grade. Refer to individual course descriptions for clarification.
- Achieve a minimum of a "C" grade in BEET 231, BEET, 261, BEET 271 and BEET 281

Graduation Requirements:

- Attain a minimum GPA of 2.0.
- Complete the program with no failures or incompletes in the required courses.

Time Limits for Program Completion:

- You are allowed up to five years to complete the diploma.