



Name: _____

ID#: _____

Date Created: _____

Date Revised: _____

**PROGRAM PLANNING GUIDE 2020-2021
Built Environment Engineering Technology Diploma**

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

FALL SEMESTER			WINTER SEMESTER		
COURSE	DATE	GRADE	COURSE	DATE	GRADE
CADD 101 Drafting I			CADD 102 Drafting II <i>Prerequisite: CADD 101</i>		
CADD 121 CADD Applications I			CADD 122 CADD Applications II <i>Prerequisite: CADD 121</i>		
CADD 172 Sustainability & Systems Thinking			CADD 132 Mechanical Design I – Applied Physics <i>Prerequisite: CADD 101 & CADD 173</i>		
CADD 173 Construction Methods			CADD 174 CADD Labs		
CADD 151 Technical Communications			CADD 161 Civil Design I – Civil Design Fundamentals <i>Prerequisite: CADD 101 & CADD 173</i>		
MATH 150 Technical Math			CADD 182 Building Design I – Building Systems <i>Prerequisite: CADD 101 & CADD 173</i>		

Year Two

FALL SEMESTER			WINTER SEMESTER		
COURSE	DATE	GRADE	COURSE	DATE	GRADE
BEET 201 Digital Design & Presentation <i>Prerequisite: CADD 122</i>			BEET 232 Mechanical Design III <i>Prerequisite: BEET 231</i>		
BEET 231 Mechanical Design II <i>Prerequisite: CADD 102 & CADD 122 & CADD 132</i>			BEET 242 Piping & Control Systems <i>Prerequisite: CADD 102 & CADD 122</i>		
BEET 261 Civil Design II <i>Prerequisite: CADD 102 & CADD 122 & CADD 161</i>			BEET 262 Civil Design III <i>Prerequisite: BEET 261</i>		
BEET 271 Design Strategies <i>Prerequisite: CADD 132 & CADD 161 & CADD 182</i>			BEET 272 Technical Design – Capstone <i>Prerequisite: BEET 271</i> <i>Corequisite: BEET 232 & BEET 262 & BEET 282</i>		
BEET 281 Building Design II <i>Prerequisite: CADD 102 & CADD 122 & CADD 182</i>			BEET 282 Building Design III <i>Prerequisite: BEET 281</i>		

Continuation Requirements:

- Prerequisite grades must be C- or higher.

Graduation Requirements:

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

Program Notes:

- If you decide to take a reduced course load and extend this program over 3 years, talk to your advisor and please be sure to drop the following courses from your first year registration:
 - CADD 173
 - CADD 174
 - MATH 150
 - CADD 132
 - CADD 161
 - CADD 182