MEDICINE HAT COLLEGE

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

PROGRAM PLANNING GUIDE 2025-2026

Environmental Biology & Reclamation Technology <u>Diploma</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

FALL SEMESTER			**WINTER SEMESTER**		
COURSE	**DATE**	**GRADE**	**COURSE**	**DATE**	**GRADE**
BOTA 205 [4] *(lec/lab)* Introduction to Botany			**ENGL 110 [4]** *(lec/lab)* Technical Communications		
EREC 100 [3] *(lec/tu)* Introduction to Environmental Science Concepts ***Prerequisite:*** *ENGL 30 or equivalent*			**EVSC 238 [4]** *(lec/lab)* Introduction to Geographic Information Science (GIS) ***Prerequisite:*** *C- grade in GEOG 201 or GEOG 203*		
EREC 120 [3] *(lec)* Energy Fundamentals			**EREC 160 [4]** *(lec/lab)* Invasive Species Ecology and Management ***Prerequisite:*** *C- grade in BOTA 205*		
EREC 140 [4] *(lec/lab)* Environmental Chemistry ***Recommended Background:*** *CHEM 30* ***Prerequisite:*** *Admission to EBRT program or permission of Dean*			**EREC 230 [4]** *(lec/lab)* Water Fundamentals		
GEOG 201 [4] *(lec/lab)* The Physical Environment			**STAT 251 [4]** *(lec/lab)* Introduction to Applied Statistics ***Prerequisite:*** *MATH 30-1, MATH 30-2, or equivalent*		

Year Two

FALL SEMESTER			WINTER SEMESTER		
COURSE	**DATE**	**GRADE**	**COURSE**	**DATE**	**GRADE**
BIOL 254 [4] *(lec/lab)* Plant Taxonomy ***Prerequisite:*** *C- BIOL 233 or BOTA 205 (preferred)*			**EREC 240 [4]** *(lec/lab)* Environmental Assessment		
BIOL 255 [4] *(lec/lab)* Ecology			**EREC 260 [4]** *(lec/lab)* Land Reclamation and Revegetation		
EREC 210 [4] *(lec/lab)* Agrology & Agro-Ecology for Environmental Technologists			**EREC 263 [3]** *(lec)* Land Reclamation Legislation		
EREC 250 [4] *(lec/lab)* Applied Vertebrate Zoology			**EREC 285 [4]** *(lec/lab)* Capstone Project ***Prerequisite:*** *EREC 210* ***Corequisite:*** *EREC 240 or EREC 260 or EREC 263*		
SOSC 213 [4] *(lec/lab)* Soil Resources			**EVSC 336 [4]** *(lec/lab)* Advanced GIS and Remote Sensing ***Prerequisite:*** *C- grade in EVSC 238*		

Continuation Requirements:

- To continue to Year Two of the program, a cumulative minimum 2.0 GPA is required at the end of Year One.

Graduation Requirements:

- Complete all program courses as outlined
- Attain a minimum cumulative GPA of 2.0
- Obtain no more than one D or D+ grade in the second year

Program Notes:

- If your computer skills are limited, you should enroll in COMP 191 prior to beginning this program.
- Field trips, lab activities, workshops and group projects are part of the program and are a component of many of the required courses.