



Name: _____

ID#: _____

Date Created: _____

Date Revised: _____

PROGRAM PLANNING GUIDE 2020-2021

Environmental Reclamation Technician 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
BOTA 205 Introduction to Botany			ENGL 155 Scientific & Technical Writing		
EREC 100 Introduction to Environmental Science Concepts <i>Prerequisite: ENGL 30 or equivalent</i>			EREC 115 Introduction to CAD and Surveying for Environmental Reclamation Technicians		
EREC 120 Petroleum Industry Fundamentals			EREC 160 Integrated Vegetation Management <i>Prerequisite: C- grade in BOTA 205</i>		
EREC 140 Environmental Chemistry <i>Recommended Background: CHEM 30</i> <i>Prerequisite: Admission to EREC program or permission of Dean</i>			EREC 230 Water Fundamentals		
SOSC 213 Soil Resources			STAT 251 Introduction to Applied Statistics <i>Prerequisite: MATH 030 or equivalent</i>		

Year Two

FALL SEMESTER			WINTER SEMESTER		
COURSE	DATE	GRADE	COURSE	DATE	GRADE
BIOL 254 Plant Taxonomy			EREC 240 Environmental Assessment		
BIOL 255 Ecology			EREC 260 Land Reclamation and Revegetation		
EREC 210 Agrology & Agro-Ecology for Environmental Technologists			EREC 263 Land Reclamation Legislation		
EREC 220 Environmental Sampling and Monitoring			EREC 285 Capstone Project <i>Prerequisite: EREC 210 & EREC 220</i> <i>Corequisite: EREC 240 or EREC 260 or EREC 263</i>		
GEOG 201 The Physical Environment			GEOG 332 Map & Air Photo Interpretation <i>Prerequisite: C- grade in GEOG 201</i>		

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 along with co-requisite safety and training certificates
- Attain a minimum cumulative GPA of 2.0
- Obtain no more than one D or D+ grade in the second year
- Successfully complete EREC 285

Program Notes:

- Required co-requisite certification & safety training: H2S, Standard First Aid Level A
- Additional safety certification/training is highly recommended, including: ATV Safety, Authorized Assistant Pesticide Applicator.
- Students must complete both H2S and PST (Petroleum Safety Training) certifications within the first six weeks of the program in order to participate in field trips/activities to active oil and gas leases.
- Costs of certification range from \$50 to \$350; students are responsible for these costs.
- If your computer skills are limited, you should enroll in MICO 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.