



2023-2024 Certificate

Certificate: **DRONE MAPPING (90-607-1)**

Credits: **8 Credits**

Description: The Certificate in Drone Mapping is designed for individuals seeking to develop skills using drones for digital mapping. Drone Mapping Specialists learn how to professionally operate an aerial drone, develop flight patterns, achieve correct altitudes and utilize specific camera settings. Once the data is obtained, Drone Mapping Specialist use the data to create Digital Terrain Models and effectively map the acquired data.

Related program: Civil Engineering Technology – Highway Technology

The sequence shown is the recommended path to completion. Courses will be scheduled in the terms indicated here.

All courses should be taken in the order shown to help you stay on track and graduate according to your academic plan.

Courses in this program may be offered in a variety or combination of formats (for example: in-person, video conferencing, online, etc.).

REQUIRED COURSES

NOTE: Requisites (prereq- before/ coreq-with)

I-E = iMET Evenings, E-E = Elkhorn Evenings F=Fall, S=Spring, SU=Summer

✓	Term One	Cr.	Prerequisite	Corequisite	I-E	E-E
	487-100 Introduction to Drones	2			S	S
	607-117 Geographical Info Systems I	2			S	S
✓	Term Two					
	487-101 Drone Mapping	2	487-100		SU	SU
	607-187 3D-CAD: Digital Terrain Modeling	2			SU	SU
	Total Credits	8				

NOTE: Students must complete a certificate program with a minimum of a 2.0 Program GPA.