

# MECHANIZED IRRIGATION

This short certificate of achievement program imparts basic skills for students to become mechanized irrigation technicians, preparing them with basic concepts and skills of electrical technology and mechanized irrigation systems. Students will receive a work-based learning experience via a co-op/field experience with a local irrigation dealership placement.

## Program Outcomes

1. Think critically.
2. Communicate efficiently.
3. Exhibit information competency.
4. Recognize diverse perspectives.

## Requirements

Code	Title	Credits
<b>Required Coursework</b>		<b>18.00</b>
AGT-220	DIESEL TECH FIELD EXPERIENCE <sup>1</sup>	
ELEC-110	BASIC ELECTRICITY	
AGT-250	MECHANIZED IRRIGATION SYSTEMS	
ELEC-111	INTRODUCTION TO AC/DC CIRCUITS	
ELEC-119	INTRO TO THE NATIONAL ELECTRICAL CODE	
<b>Total Credits</b>		<b>18.00</b>

<sup>1</sup> Billing for Field Experience (Co-Op) courses is on the basis of credits, not contact hours.

Tuition is calculated by contact hours per semester.

Current/Updated: 07/01/2023

Course	Title	Credits
<b>Fall 1</b>		
ELEC-110	BASIC ELECTRICITY	4.00
ELEC-119	INTRO TO THE NATIONAL ELECTRICAL CODE	4.00
AGT-250	MECHANIZED IRRIGATION SYSTEMS	4.00
<b>Credits</b>		<b>12.00</b>
<b>Winter 1</b>		
ELEC-111	INTRODUCTION TO AC/DC CIRCUITS	4.00
<b>Credits</b>		<b>4.00</b>
<b>Summer 1</b>		
AGT-220	DIESEL TECH FIELD EXPERIENCE	2.00
<b>Credits</b>		<b>2</b>
<b>Total Credits</b>		<b>18.00</b>