Edible Crops

Certificate in Applied Science
Credit Requirements: 29 Semester Credit Hours

This certificate addresses current needs for edible crop production. Students would be trained to grow crops in the field and greenhouse, identify and treat pests, and develop successful edible crop business.

Admission into this program requires proof of high school graduation (or GED) and qualifying scores on SAT, ACT or the TTC placement test.

Recommended Sequence of Courses
First Semester – Fall
HRT 125 Soils 4
HRT 144 Plant Pests 3
HRT 269 Edible Landscaping 3
Total 9

Second Semester – Spring
HRT 130 Greenhouse Production 3
HRT 171 Landscape Business Techniques 3
HRT 240 Pesticides 4
Total 11

Third Semester – Summer
HRT 121 Commercial Irrigation 3
HRT 139 Plant Propagation 3
CWE 113 Cooperative Work Experience 3
Total 9

Electrical Line Worker: Advanced

Certificate in Applied Science
Credit Requirements: 18 Semester Credit Hours

The purpose of the Electrical Line Worker Program is to prepare the student to enter the electric utility industry as an apprentice with a broad understanding of the skills, knowledge, safe work practices and physical ability required to perform line work. During the Electrical Line Worker: Third Class program, offered in its entirety both Fall and Spring semesters, students will receive classroom and field training in math, electrical circuit analysis, power systems including Ohm’s Law, AC and DC theory and analysis, generation, transmission and distribution of electrical energy and transformer theory. Climbing techniques are strongly emphasized. Safety and teamwork are demonstrated and emphasized in all phases of training.

Admission into this program requires qualifying scores on SAT, ACT or TTC’s placement test. High school graduation or GED is required and you must be at least 18 years old. Students must hold a valid driver’s license. Students must also be comfortable working at considerable heights and physically fit. Industries will require prospective employees to pass a background check as well as a drug and alcohol screening.

ELW 110 Electrical Computations 2
ELW 111 Introduction to Electrical Line Worker 3
ELW 112 Introduction to Electricity 3
ELW 114 Overhead Line Construction I 3
ELW 211 Underground Line Construction I 3
ELW 231 Electrical Power Systems 3
Total 18

Important information about the educational debt, earnings, and completion rates of students who attended this program can be found in section D.