WILDLIFE TECHNICIAN, SC

Program Description

The Skills Certificate, Wildlife Technician prepares students for entry-level employment at State or Federal agencies for wildlife management. Students receive unique hands-on training in the field, acquire desired basic field technician skills, and engage with wildlife professionals. During completion of the required courses, students obtain the necessary background in the natural history of the Great Basin, management, species identification, sampling, and scientific communication. Students completing this certificate may gain an advantage in the competitive selection process of technician programs.

This program is not eligible for financial aid. However, it may be eligible for scholarship funding if the student is awarded scholarships.

Wildlife Technician Career Map (https://sites.tmcc.edu/flipbook/career-maps/62/)

Recommended Course Schedule

1st semester		Units
ENG 101 or ENG 100 or ENG 113	Composition I or Composition Enhanced or Composition I for International and Multilingual Students	3
MATH 126 or MATH 120 or MATH 124	Pre-Calculus I (Recommended) [2] or Fundamentals of College Mathematics or College Algebra	3
BIOL 102	Introduction to Wildlife Technician (Intro to Wildlife Technician)	1
BIOL 191A	Introduction to Organismal Biology	3
BIOL 191L	Intro to Organismal Biology Lab	1
Electives		3-4
	Semester Total	14-15
2nd semester		
BIOL 137	Introduction to Entomology	3
BIOL 202	General Botany	4
BIOL 234	Natural History of the Great Basin (Natural History of the Great Basin)	4
GEOG 210	Introduction to Geotechnology	3
	Semester Total	14
	Total Units	28-29

[1] ENG 101 or ENG 113 is required in order to take BIOL 191A and BIOL 191L in the same semester.

[2] MATH 124 or higher is required to take BIOL 191A and BIOL 191L in the same semester.

Program Requirements

Certificates of Achievement are a set of courses that can serve as a stepping stone to an associate degree or allow students to enter the workforce. Certificates of Achievement have a general education component.

To earn a Certificate of Achievement, students must:

1. Maintain a minimum cumulative GPA of 2.0 (see requirements for graduation.)
2. Complete a minimum of 15 semester credit hours within the college.
3. Satisfy General Education requirements for the Certificate of Achievement (https://catalog.tmcc.edu/degrees-certificates/general-education/aas/).
4. Have no financial or library obligation to the college.

Code	Title	Units
CERTIFICATE REQUIREMENTS		
ENG 101	Composition I	3
or ENG 100	Composition Enhanced	
or ENG 113	Composition I for International and Multilingual Students	
MATH 126	Pre-Calculus I	3
or MATH 120	Fundamentals of College Mathematics	
or MATH 124	College Algebra	
BIOL 102	Introduction to Wildlife Technician (Intro to Wildlife Technician)	1
BIOL 137	Introduction to Entomology	3
BIOL 191A & BIOL 191L	Introduction to Organismal Biology and Intro to Organismal Biology Lab	4
BIOL 202	General Botany	4
BIOL 234	Natural History of the Great Basin (Natural History of the Great Basin)	4
GEOG 210	Introduction to Geotechnology	3
ELECTIVE REQUIREMENTS		**3-4**
Select 3-4 units from of the following courses:		
BIOL 112	Introduction to Animal Behavior	
BIOL 190A & BIOL 190L	Introduction to Cell and Molecular Biology and Introduction to Cell and Molecular Biology Laboratory	
BIOL 273	Research Experience	
BIOL 290	Internship in Biology	
ENV 101	Introduction to Environmental Science	
FT 212	Fire and Ecology	
NRES 100	Prin of Natural Resources & Environmental Sciences	
NRES 217	Natural Resource Ecology	
Total Units		**28-29**

Program Outcomes

Students completing the certificate will:

PSLO1: Perform basic field techniques necessary to work as a wildlife technician.

PSLO2: Describe the natural history of and identify common fungi, plant, and animal species in the Great Basin.

PSLO3: Utilize GPS and GIS systems to navigate and create and read maps of work areas.

PSLO4: Collect, manage, and analyze scientific data to answer questions in wildlife management and conservation.

PSLO5: Communicate in a style appropriate for technical or informative publications related to wildlife management and conservation.