North American Wildlife Technology Association

Program Accreditation WORKSHEET

This worksheet has been developed to standardize the curriculum information required by the Accreditation Committee. Please refer to the complete listing of Program Recognition Standards for Program Objectives and basic curriculum information.

Please provide all specific courses in which coverage includes each of the broad content subject area descriptions: (You may simply list the specific prefix and number for all courses in your curriculum which apply).

CONTENT DESCRIPTIONS **COURSE(S)**

Wildlife Biology and Management:

Identification of vertebrate and plant species

Collection of data on age, sex, and reproductive status

Field note record techniques

Knowledge of taxonomic classification and life histories of the vertebrates

Habitat modification techniques

Measurement of population parameters

Wildlife literature

Population dynamics

Capture, immobilization, handling, and marking techniques

Causes of morbidity and mortality

Necropsy procedures

Wildlife management history, administration, and policy

Operation of telemetry systems

Design and implementation of management plans

Animal damage control

Preservation of biological specimens

CONTENT DESCRIPTIONS	**COURSE(S)**

Biological and Ecological Science:

Ecology	
Biotic succession and biomes (ecological regions) and botany	
Zoology / Biology	
Non-game and endangered species	

Communication Skills:

Public speaking	
Technical writing	
Composition	

Forest Science: OR Range Science:

Dendrology	Range plant identification
Forest management and protection	Range ecology including Range improvements and Range techniques
Silviculture	
Forest mensuration	
Silvics	

Quantification Skills:

Technical mathematics	
Introduction to computer applications software	
Basic statistics	

CONTENT DESCRIPTIONS	COURSE(S)

Surveying, Mapping, and Inventory Skills:

Basic mapping principles and techniques

Aerial photo interpretation

Compass techniques

Basic surveying

Geographical Information Systems (GIS)

Fisheries and Aquatic Science:

Fish identification

Basic water chemistry

Wetlands management

Stream and impoundment management principles

Fish sampling techniques

Social and Behavioral Science:

Public relations in natural resource management

Personnel supervision

Biopolitics

Cultural aspects of wildlife and wildlife management

Recreation and Safety:

First aid and safety

Outdoor recreation

Hunter safety

Boating safety

CONTENT DESCRIPTIONS	COURSE(S)
Physical Science:	
Soils	
Earth Science	
Law Enforcement - Administration and Policy:	
Wildlife law	
Conservation organizations and agencies	
Enforcement procedures	
Mechanical Skills:**	
Chainsaw operation and maintenance	
Power tool operation and maintenance	
Tractor operation and maintenance	
Power boat operation and maintenance	

****Due to the nature of geographic differences in North America, some of the specific categories under Mechanical Skills may not be appropriate to your area and needs. Please substitute any other mechanical skills you feel are equivalent to those on the list. The curriculum standards committee will review these substitutions on an individual basis.**