

Landscape Horticulturist Apprenticeship (LGA) Curriculum Mapping

Program Curriculum

A collection of 15 CTS courses has been developed to align with the current Landscape Horticulturist Apprenticeship course outline. These courses, when combined, cover the First Period technical training content.

Alberta Apprenticeship Training Profile First Period	CTS Course Alignment to Apprenticeship First Period Topics	Assessment
Topic	CTS Course Number and Name	
SECTION ONE – WORKPLACE SAFETY AND OCCUPATIONAL SKILLS		
Safety Legislation, Regulations, and Industry Policy in the Trades	LGA3900: Apprenticeship Safety	_____
Climbing, Lifting, Rigging, and Hoisting		_____
Hazardous Materials and Fire Protection		_____
Apprenticeship Training Program		_____
Communication		_____
SECTION TWO – TOOLS, EQUIPMENT, AND VEHICLES		
Hand and Power Tools	LGA3406: Equipment and Tools	_____
Equipment Maintenance and Operation		_____
Hydraulic Systems	LGA3411: Vehicle Transportation and Operation	_____
Heavy Equipment, Trailers, and Attachments		_____
Commercial Vehicle Operation		_____
Transport Equipment		_____
Transport Materials		_____
SECTION THREE – SITE ASSESSMENT, GRADING, AND DRAINAGE		
Pre-construction Site Assessment	LGA3416: Site Maintenance	_____
Site Locates		_____
Grading		_____
Drainage Systems		_____
SECTION FOUR – PLANT PROPERTIES, GRASSLAND, AND PARKLAND		
Botany	LGA3435: Botany 1 LGA3440: Botany 2	_____
Taxonomy	LGA3425: Plant Taxonomy	_____
Grassland and Parkland	LGA3441: Ecosystems	_____

SECTION FIVE – SOIL AND WATER		
Soils	LGA3451: Soil Management 1 LGA3456: Soil Management 2	_____
Water Quality	LGA3446: Environmental Stewardship and Water Quality	_____
Environmental Stewardship		_____
Growing Media	LGA3461: Soilless Growing Media	_____
SECTION SIX – TURFGRASS AND EXTERIOR SOFTSCAPE MAINTENANCE		
Turfgrass Installation	LGA3466: Turfgrass	_____
Turfgrass Maintenance		_____
Fertilization	LGA3471: Fertilization	_____
Exterior Softscape Maintenance	LGA3473: Exterior Softscape Maintenance	_____
CTS COURSES THAT ALLOW STUDENTS ADDITIONAL PRACTICAL TIME		
	LGA3475: LGA Practicum A	_____
	LGA3480: LGA Practicum B	_____
	LGA3485: LGA Practicum C	_____
	LGA3490: LGA Practicum D	_____