

Recreation Vehicle Service Technician (RVA) Curriculum Mapping

Career and Technology Studies (CTS) Apprenticeship Pathways

High school students in Alberta who successfully complete all courses in a Career and Technology Studies (CTS) apprenticeship pathway are eligible to write the Apprenticeship and Industry Training exam for advanced standing in the first period of classroom instruction for that apprenticeship education program. For more information, visit [Tradesecrets: Career and Technology Studies \(CTS\) Apprenticeship Pathways](#).

Recognition of a CTS apprenticeship pathway is available for first period of classroom instruction. The Hairstylist Apprenticeship Pathway is the only apprenticeship pathway that includes second period of classroom instruction.

All required courses in a CTS apprenticeship pathway must be instructed by a journey person for that trade (i.e., an individual holding a trade certificate recognized in Alberta).

The CTS apprenticeship pathway can be taught in a facility equipped to deliver apprenticeship classroom instruction or in partnership with a post-secondary facility that has been approved in offering the Recreation Vehicle Service Technician (RVA) program.

The high school facility is the responsibility of the school authority and must be equipped to industry standards to deliver the CTS apprenticeship pathway. The post-secondary facility is approved by Apprenticeship and Industry Training and must be equipped to industry standards to deliver apprenticeship classroom instruction. (Apprenticeship and Industry Training does not inspect or approve facilities for the delivery of Kindergarten to Grade 12 programs.)

Additionally, a high school student can register as an apprentice by obtaining employment with or through a sponsor of apprenticeship and signing an apprenticeship education agreement with the employer/sponsor. The high school student may earn high school credits while employed as an apprentice and enrolled in the [Registered Apprenticeship Program \(RAP\)](#). For complete information on becoming an apprentice, visit [Apprenticeship and Industry Training: Tradesecrets](#).

Period One Alberta Apprenticeship Curriculum Guide Training Profile	CTS Course Alignment to Period One Apprenticeship Topics	
SECTION ONE – SAFETY, TOOLS, AND SHOP EQUIPMENT		
Topic	CTS Course	%
Safety Legislation, Regulations, and Industry Policy in the Trades	RVA3900: Apprenticeship Safety (1 CTS Credit)	
Climbing, Lifting, Rigging, and Hoisting.		
Hazardous Materials and Fire Protection		
Apprenticeship Orientation		
Tools and Equipment		
Topic	CTS Course	%
Cleaning Procedures	RVA3400: RV Shop Equipment (1 CTS Credit)	
Vehicle Identification Number (VIN), Plates, and Label		
Cutting and Heating		
Pre-Delivery Inspection (PDI)		
Motorhome Controls		
SECTION TWO – PLUMBING		
Topic	CTS Course	%
Potable Water Systems	RVA3405: RV Plumbing (1 CTS Credit)	
Waste-water Systems		
Winterizing and De-winterizing		
Service Monitoring Systems		
SECTION THREE – LIQUIFIED PETROLEUM (LP) SYSTEMS		
Topic	CTS Course	%
Propane Systems	RVA3410: RV Propane Systems (3 CTS Credits)	

SECTION FOUR – DIRECT CURRENT (DC) ELECTRICAL SYSTEMS		
Topic	CTS Course	%
DC Electrical System Service	RVA3415: RV Electrical Systems (3 CTS Credits)	
Batteries		
SECTION FIVE – APPLIANCE OPERATION AND ACCESSORIES		
Topic	CTS Course	%
Appliance Operation and Replacement	RVA3420: RV Appliance Operation & Accessories (3 CTS Credits)	
Interior Accessories and Safety Components		
Exterior Accessories		
SECTION SIX – MECHANICAL AND TOWING SYSTEMS		
Topic	CTS Course	%
Tow Vehicle	RVA3425: RV Mechanical & Towing Systems (3 CTS Credits)	
Hitch Systems		
Brake Systems		
Undercarriage		
Additional Content		
TO ENHANCE SKILLS PREVIOUSLY LEARNED FROM THE COURSES ABOVE, THE FOLLOWING OPTIONAL CTS COURSES ALLOW STUDENTS ADDITIONAL PRACTICAL TIME		
RVA3440: RVA Practicum A (1 CTS Credit)		
RVA3445: RVA Practicum B (1 CTS Credit)		
RVA3450: RVA Practicum C (1 CTS Credit)		
RVA3455: RVA Practicum D (1 CTS Credit)		