

Parts Technician (PTA) Apprenticeship Curriculum Mapping

Program Curriculum

A collection of 11 CTS courses has been developed to align with the current Parts Technician 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 – STANDARD WORKPLACE SAFETY AND ENVIRONMENTAL PROTECTION		
Safety Legislation, Regulations and Industry Policy in the Trades	PTA3900: Apprenticeship Safety	
Climbing, Lifting, Rigging and Hoisting		
Hazardous Materials and Fire Protection		
Environmental Protection		
SECTION TWO – MATERIAL HANDLING AND STORAGE		
Supply Chain, Material Handling Terminology and Receiving Documentation	PTA3400: Material Handling	
Receiving: Process and Track Incoming Material		
Stocking and Staging		
Material Storage	PTA3405: Storage & Packing	
Picking and Issuing		
Packing		
Shipping	PTA3410: Shipping & Returns	
Product Returns		
Stock Maintenance		
Merchandising	PTA3415: Merchandising	
Material Handling Equipment		
Catalogues		
SECTION THREE – MATERIAL IDENTIFICATION AND CALCULATIONS		
Measuring Calculations	PTA3420: Measurement & Stock	
Measuring Tools		
Standard Stock		
Consumables		

Alberta Apprenticeship Training Profile First Period	CTS Course Alignment to Apprenticeship First Period Topics	Assessment
Topic	CTS Course Number and Name	
SECTION THREE – MATERIAL IDENTIFICATION AND CALCULATIONS CONTINUED		
Electrical Fundamentals	PTA3425: Electrical Basics	
Electrical Circuits		
Battery Fundamentals		
Bearings	PTA3430: Suspension & Wheels	
Seals		
Light-Duty Suspension Systems		
Wheels, Tires and Hubs		
Light-Duty Steering Systems	PTA3435: Steering & Brakes	
Hydraulic Brake System Fundamentals		
Hydraulic Drum Brake Systems		
Hydraulic Disc Brake Systems		
Hydraulic Brake Systems, Power Assist, Electric Brakes and Antilock Brake Systems		
SECTION FOUR – COMMUNICATION		
Science of Communication	PTA3440: Communication	
Verbal Communication		
Written Communication		
Conflict Resolution		
Customer Service	PTA3445: Customer Service	
Sales Techniques		
CTS COURSES THAT ALLOW STUDENTS ADDITIONAL PRACTICAL TIME		
	PTA3450: PTA Practicum A	
	PTA3455: PTA Practicum B	
	PTA3460: PTA Practicum C	
	PTA3465: PTA Practicum D	