

TRANSPORTATION CAREER PATHWAY EXAMPLES

AUTOMOTIVE MASTER MECHANIC	ENTREPRENEUR/BUSINESS OWNER	ENGINEERING
Coding in Python 1 Digital Communications & Technology Automotive Technology 1 Automotive Technology 2	Accounting 1 Accounting 2 Entrepreneurship Business Law Automotive Technology 1 Automotive Technology 2	Introduction to Robotics Introduction to Engineering Design 1 Introduction to Engineering Design 2 Principles of Engineering Automotive Technology 1 Automotive Technology 2

Sample Automotive Master Mechanic 4-Year Plan
 (Middle School courses that support this 4-year plan are indicated in the chart below.)

PERIOD	1	2	3	4	5	6	7	8	SAMPLE PATHWAY COLLEGE CREDITS
GRADE	LANGUAGE ARTS	SOCIAL STUDIES	SCIENCE	MATH	ELECTIVE	ELECTIVE	ELECTIVE		
6	x	x	x	x	Physical Education	Applied Engineering	Design and Production - PLTW		Bellevue College = 5 college credits Coding in Python 1 & Coding in Python 2 – PROG 110 = 5 credits Digital Communications & Technology = 3 – 31 credits LWIT = 12 college credits Automotive Technology 1 OR 2 – AUTO 210 = 10 credits <i>See the College Credit table for more information and available credits.</i>
7	x	x	x	x	Physical Education	Health	Robotics - PLTW		
8	x	x	x	x	Physical Education	Flight and Space - PLTW	CS Discoveries		
9	x	x	x	x	World Language		Coding in Python 1		
10	x	x	x	x	Physical Education	Health	Digital Communications & Technology		
11	x	x	x	x	Physical Education	Automotive Technology 1			
12	x	x		x	Fine Arts	Automotive Technology 2			

	TRANSPORTATION COLLEGE CREDIT COURSES	PROFESSIONAL CERTIFICATIONS	TECHNICAL OR ASSOCIATE DEGREES	SAMPLE OCCUPATIONS
POST SECONDARY	Lake Washington Institute of Technology Automotive Technology 1 or 2 – AUTO 210 = 10 credits	Automotive Service Excellence (ASE) Accreditation level: Automotive Service Technician 840 hours For more information: www.ase.com <ul style="list-style-type: none"> Engine Repair Automotive Transmission & Transaxle Manual Transmission & Axels Steering & Suspension Brakes Electrical/Electronic Systems Heat & Air Conditioning Engine Performance MLR – Maintenance & Light Repair SP2 -- Safety & Pollution Prevention Certificate	Lake Washington Technical Institute <ul style="list-style-type: none"> Auto Collision Repair Technician Auto Repair Technician Diesel and Heavy Equipment Technician Electronics Technology Motorcycle, Marine & Power Equipment Service Technology Transportation and Logistics Management Renton Technical College Shoreline Community College Green River Community College Seattle College – South Maritime Academy	Auto Technician Auto Body/Collision Technician Diesel Technician Heavy Equipment Technician Motorcycle Technician Marine Technician Automotive Master Mechanic Entrepreneur/Business Owner Automotive Engineer Marine Engineer Field Product Development Engineer Warranty & Service Engineer Insurance Claims Adjuster Automotive Technical Writer Mechanical Design Automotive Management <i>Plus, many more...</i>