



**PSEO Course Recommendations and Grade Level(s)**

**ALL course prerequisites MUST be ENFORCED, no exceptions**

**\*full time attendance is  
required**

<b>ACCOUNTING</b>					
<b>Course No.</b>	<b>Course Name</b>	<b>10th</b>	<b>11th</b>	<b>12th</b>	
ACCT1210	Payroll Accounting		X	X	
ACCT1212	Computerized Accounting Applications I		X	X	
ACCT1218	Spreadsheets Concepts and Applications		X	X	
ACCT1220	Principals of Bookkeeping	X	X	X	
ACCT2201	Financial Accounting		X	X	
ACCT2202	Managerial Accounting		X	X	
ACCT2214	Auditing			X	
ACCT2215	Fund/Non-Profit Accounting		X	X	
ACCT2235	Income Tax			X	
ACCT2240	Cost Accounting			X	
ACCT2223	Intermediate Accounting I			X	
ACCT2225	Intermediate Accounting II			X	
ACCT1231	Database Concepts and Applications		X	X	
<b>ADMINISTRATIVE SUPPORT</b>					
<b>Course No.</b>	<b>Course Name</b>	<b>10th</b>	<b>11th</b>	<b>12th</b>	
ACCT1218	Spreadsheets Concepts and Applications			X	
ACCT1220	Principles of Bookkeeping I		X	X	
ACCT1231	Database Concepts and Applications			X	
ADMS1417	Word Processing I	X	X	X	
ADMS1419	Business Communications			X	
ADMS1420	Office Procedures			X	
ADMS1421	Customer Service Concepts			X	
ADMS1424	Integrated Office Skills			X	
ADMS1425	Desktop Publishing with Publisher		X	X	
ADMS1452	Electronic Presentations for Business Professionals		X	X	
ADMS2410	Keyboarding I	X	X	X	
ADMS2411	Keyboarding II			X	
ADMS2416	Word Processing Applications			X	
ADMS2417	Word Processing II		X	X	
ADMS2431	Administrative Assistant Internship IV				
<b>AUTO BODY</b>					
<b>Course No.</b>	<b>Course Name</b>	<b>10th</b>	<b>11th</b>	<b>12th</b>	
ABCT1115	Introduction to Transportation Careers	X	X	X	
ABCT1125	Auto Body Welding 1		X	X	
ABCT1135	Auto Body Mechanical 1				
ABCT1145	Auto Body Disassembly/Reassembly				
ABCT1155	Refinishing 1		X	X	
ABCT1165	Sheet Metal Repair and Replacement				
ABCT1245	Plastics and Composites Repair		X	X	
ABCT1255	Refinishing 2		X	X	

Course No.	Course Name	10th	11th	12th	
ABCT1265	Refinishing Lab		X	X	
ABCT1275	Production Lab 1				
ABCT1315	Auto Body Basic Electrical		X	X	
ABCT1325	Auto Body Welding 2				
ABCT1335	Auto Body Mechanical 2				
ABCT1345	Structural Repair				
ABCT1355	Refinishing 3				
ABCT1375	Production Lab 2				
ABCT1416	Damage Analysis and Estimating				
ABCT1475	Production Lab 3				
ABCT1485	Collision Lab				
	<b>AUTO TECH</b>				
Course No.	Course Name	10th	11th	12th	
AUTO1105	General Auto Service Theory	X	X	X	
AUTO1106	General Auto Service Lab	X	X	X	
AUTO1111	Auto Engine Repair Lab	X	X	X	
AUTO1112	Auto Trans/Transaxle Lab				
AUTO1113	Drive Train and Axle Lab	X	X	X	
AUTO1114	Suspension and Steering Lab	X	X	X	
AUTO1115	Brake Systems Lab	X	X	X	
AUTO1117	Auto Heating and Air Conditioning Lab	X	X	X	
AUTO1118	Auto Engine Performance Lab	X	X	X	
AUTO1126	Auto Electrical/Electronic Lab	X	X	X	
AUTO1138	Advanced Engine Performance Lab				
AUTO1148	Vehicle Drivability				
AUTO1201	Auto Engine Repair Theory	X	X	X	
AUTO1202	Auto Trans/Transaxle Theory				
AUTO1203	Drive Train and Axle Theory	X	X	X	
AUTO1204	Suspension and Steering Theory	X	X	X	
AUTO1205	Brake Systems Theory	X	X	X	
AUTO1206	Intro to Electrical and Battery Service	X	X	X	
AUTO1207	Auto Heating and Air Conditioning Theory	X	X	X	
AUTO1208	Engine Performance Theory	X	X	X	
AUTO1210	Introduction to DC Electricity	X	X	X	
AUTO1216	Auto Electric/Electronic Systems	X	X	X	
AUTO1228	Advanced Engine performance Theory				
AUTO1236	Starting and Charging Systems	X	X	X	
	<b>BAND INSTRUMENT REPAIR*</b>	X	X	X	
	<b>BIOLOGY</b>		X		
	<b>BIOMEDICAL ELECTRONICS</b>				
Course No.	Course Name	10th	11th	12th	
BMET2221	Introduction to Biomedical Equipment				
BMET2222	Biomedical Equipment Safety				
BMET2223	Biomedical Equipment I				
BMET2224	Biomedical Equipment II				
ELEC1202	Introduction to DC Electricity	X	X	X	
ELEC1204	Introduction to AC Electricity	X	X	X	
ELEC1209	DC Theory and Circuits		X	X	
ELEC1212	Digital Electronics I	X	X	X	
ELEC1214	Electronic Fabrication Technology	X	X	X	
ELEC1220	Electronic Communications		X	X	
ELEC1250	Introduction to Solid State			X	
ELEC1500	Networking I		X	X	
ELEC2211	Digital Electronics II		X	X	
ELEC2227	PC Hardware and OS			X	
ELEC2260	Linear Integrated Circuits			X	
ELEC2500	Networking II			X	

Course No.	Course Name	10th	11th	12th	
	<b>BUSINESS</b>				
BUSN1245	Business Computers	X	X	X	
BUSN2210	Legal Environment of Business				
	<b>CAD</b>				
MDAD1204	Autocad	X	X	X	
MDAD1206	Geometric Tolerances	X	X	X	
MDAD1216	Mechanisms	X	X	X	
MDAD1241	Solidworks	X	X	X	
MDAD1250	Print Reading for CAD Design	X	X	X	
MDAD1251	Manufacturing Processes for CAD Design	X	X	X	
MDAD1252	Working Drawings 1 for CAD Design	X	X	X	
MDAD1253	Working Drawings 2 for CAD Design		X	X	
MDAD1254	Mold Design for CAD Design		X	X	
MDAD1255	CAD Drawing Using Free Software	X	X	X	
MDAD1256	Design Project 1 for CAD Design		X	X	
MDAD1257	Design Project 2 for CAD Design		X	X	
	<b>CONSTRUCTION TECHNOLOGY</b>				
CARP1100	Cabinetry I	X	X	X	
CARP1105	Residential Construction 1	X	X	X	
CARP1110	Concrete Construction	X	X	X	
CARP1115	Emerging Construction Technologies 1	X	X	X	
CARP1120	Architectural Drawings 1	X	X	X	
CARP1125	Carpentry Lab 1				
CARP1200	Cabinetry 2				
CARP1205	Residential Construction 2		X	X	
CARP1210	Commercial Construction 1		X	X	
CARP1215	Construction Estimating	X	X	X	
CARP1220	Architectural Drawings 2		X	X	
CARP1225	Carpentry Lab 2				
CARP2105	Residential Construction 3			X	
CARP2110	Commercial Construction 2			X	
	<b>CHEMISTRY</b>		X	X	
	<b>CHINESE CULTURE</b>		X	X	
	<b>COMMUNICATION</b>		X	X	
	<b>COMPUTERS</b>		X	X	
	<b>SOFTWARE DEVELOPMENT &amp; SUPPORT</b>				
COMC1714	Introduction to Visual Database Application Tools	X	X	X	
COMC1741	Web Design, HTML, CSS		X	X	
COMC1745	Web Design and Technologies II				
COMC1746	Web Graphics and Animation			X	
COMC1754	Microsoft Server Management for Web Developers			X	
COMC2722	Database Design and Mgmt. with SQL			X	
COMC1730	Introduction to Programming with .Net			X	
COMC2733	JavaScript and Web App Frameworks				
COMC2740	Introduction to Java/C/C++ Programming			X	
COMC2742	Java/C++/C# Programming II				
COMC2747	Database Applications Development				
COMC2749	Web Application Development				
COMC2750	UML Modeling and Iterative Process				
COMC2754	Computer Careers Capstone Project				
	<b>CNC</b>				
<b>Course No.</b>	<b>Course Name</b>	<b>10th</b>	<b>11th</b>	<b>12th</b>	
MACH1601	Introduction to Precision Machining		X		
MACH1605	Engineering Drawings I		X		

Course No.	Course Name	10th	11th	12th	
MACH1610	Precision Measuring and Gauging			X	
MACH1615	Precision Machining Processes			X	
MACH1625	Engineering Drawings II		X		
MACH1630	Introduction to CNC Theory		X	X	
MACH1641	Introduction to CNC Precision Machining Technology		X	X	
MACH1650	Introduction to EDM		X	X	
MACH1661	Introduction to CAD/CAM	X	X	X	
MACH2633	CNC Precision Machining Mill		X	X	
MACH2635	CNC Precision Machining Lathe		X	X	
MACH2637	CAM Programming and Toolmaking Application 1				
MACH2639	CAM Programming and Toolmaking Application 2				
MACH2640	CNC Precision Machining Capstone				
MACH2660	Advanced CAD/CAM I		X	X	
	<b>COSMETOLOGY</b>				
	<b>CRIMINAL JUSTICE</b>				
Course No.	Course Name	10th	11th	12th	
CJSP1102	Intro to Criminal Justice	X	X	X	
CJSP1230	Intro to Corrections	X	X	X	
	<b>DIESEL*</b>				
Course No.	Course Name	10th	11th	12th	
ABCT1115	Introduction to Transportation Careers	X	X	X	
DESL1200	Introduction to Diesel Technology	X	X	X	
INDS1622	Introduction to Hydraulics & Pneumatics	X	X	X	
WELD1455	Welding for Diesel Maintenance	X	X	X	
TRDR1300	Class B Commercial Driver's License-- <i>Need to be 18 years old</i>				
AUTO1117	Auto Heating & Air Conditioning Lab -- Must be in conjunction with AUTO1207				
AUTO1207	Auto Heating & Air Conditioning Theory	X	X	X	
DESL1210	Diesel Electrical Systems	X	X	X	
DESL1220	Diesel Chassis/Suspension/Steering	X	X	X	
DESL1230	Diesel Tractor/Trailer Brake Systems	X	X	X	
DESL1240	Diesel Preventive Maintenance	X	X	X	
DESL1250	Diesel Drivetrain Systems	X	X	X	
DESL1260	Schematic Interpretation/Manuals	X	X	X	
DESL1270	Diesel Engine Systems	X	X	X	
DESL1280	Diesel Diagnostics	X	X	X	
	<b>ECONOMICS</b>		X	X	
	<b>ELECTRONICS</b>				
Course No.	Course Name	10th	11th	12th	
ELEC1202	Introduction to DC Electricity	X	X	X	
ELEC1204	Introduction to AC Electricity	X	X	X	
ELEC1209	DC Theory and Circuits		X	X	
ELEC1212	Digital Electronics I	X	X	X	
ELEC1214	Electronic Fabrication Technology	X	X	X	
ELEC1220	Electronic Communications		X	X	
ELEC1250	Introduction to Solid State			X	
ELEC1251	Solid State Devices			X	
ELEC1330	Introduction to Instrumentation & Control		X	X	
ELEC1500	Networking I		X	X	
ELEC2211	Digital Electronics II			X	
ELEC2227	PC Hardware and OS		X	X	
ELEC2230	Microcomputer Applications			X	
ELEC2260	Linear Integrated Circuits				
ELEC2500	Networking II		X	X	
	<b>EARLY CHILDHOOD EDUCATION</b>				
ECED1105	Fundamentals of Child Development	X	X	X	
ECED1120	Health, Safety, and Nutrition	X	X	X	
ECED1236	Family dynamics in a Multicultural Society	X	X	X	
ECED1232	Child Guidance	X	X	X	

Course No.	Course Name	10th	11th	12th	
	<b>ENGLISH</b>		X	X	
	<b>FRENCH CULTURE</b>		X	X	
	<b>GEOGRAPHY</b>		X	X	
	<b>GUITAR REPAIR &amp; BUILDING*</b>			X	
	<b>HEALTH (Nursing Assistant)</b>	X	X	X	
	<b>HISTORY</b>		X	X	
	<b>HUMANITIES</b>		X	X	
	<b>INDIVIDUALIZED STUDIES</b>		X	X	
	<b>MASSAGE THERAPY (not available)</b>				
	<b>MATH</b>		X	X	
	<b>MED ADMIN SEC</b>				
Course No.	Course Name	10th	11th	12th	
ACCT1218	Spreadsheets Concepts and Applications		X	X	
ADMS1417	Word Processing I	X	X	X	
ADMS1419	Business Communications				
ADMS2417	Word Processing II		X	X	
MEDS1207	Anatomy and Physiology Disease Conditions		X	X	
MEDS1210	Medical Terminology	X	X	X	
MEDS1212	Medical Office Procedures				
MEDS1213	Advanced Medical Office Procedures				
MEDS1216	Medical Machine Transcription I and II				
MEDS1218	Advanced Medical Machine Transcription				
MEDS1220	Fundamentals of Healthcare Documentation				
MEDS1221	Interpersonal Career Concepts			X	
MEDS1222	Medical Insurance			X	
MEDS1601	Introduction to Health Information Management		X	X	
MEDS1605	Legal and Ethical Aspects of Health Information			X	
MEDS1610	Pharmacology			X	
	<b>MEDICAL LAB TECHNICIAN</b>				
	<b>IT SUPPORT</b>				
Course No.	Course Name	10th	11th	12th	
COMC1714	Introduction to Visual Database Application Tools	X	X	X	
COMC1741	Web Design, HTML, CSS		X	X	
COMC1745	Web Design and Technologies II				
COMC1746	Web Graphics and Animation			X	
COMC1754	Microsoft Server Management for Web Developers			X	
COMC2722	Database Design and Management with SQL			X	
COMC2754	Computer Careers Capstone Project				
COMC2793	Computer Careers Internship				
	<b>NETWORKING</b>				
Course No.	Course Name	10th	11th	12th	
NWAT1601	MS Workstation I	X	X	X	
NWAT1602	MS Workstation II	X	X	X	
NWAT1607	PC Hardware Support	X	X	X	
NWAT1641	Networking Fundamentals		X	X	
NWAT1649	Microsoft Server/Enterprise			X	
NWAT1670	WAN Technologies			X	
NWAT2665	Microsoft Services			X	
NWAT2669	Microsoft Advanced Server			X	
NWAT2673	Unix Operating Systems		X	X	
NWAT2676	Wireless Communications		X	X	
NWAT2681	Fundamentals of Security		X	X	
NWAT2683	Security Threats & Countermeasures		X	X	
	<b>PHILOSOPHY</b>		X	X	
	<b>PHYSICS</b>		X	X	
	<b>POLITICAL SCIENCE</b>		X	X	

Course No.	Course Name	10th	11th	12th	
	<b>PSYCHOLOGY</b>		X	X	
	<b>PRACTICAL NURSING</b>				
	<b>RADIOGRAPHY</b>				
	<b>RETAIL &amp; SALES</b>				
Course No.	Course Name	10th	11th	12th	
ACCT1240	Society and Law		X	X	
RESL1210	Introduction to Marketing		X	X	
RESL1213	Introduction to Sales		X	X	
RESL1214	Advertising		X	X	
RESL1216	Visual Merchandising		X	X	
RESL1218	Retail Business Operations			X	
RESL1220	Applied Sales			X	
RESL1222	Inventory Planning Concepts			X	
RESL2224	Retail Buying			X	
RESL2230	Supervised Occupational Experience				
SMGT1210	Supervision Principle				
RESL1217	Principles of Marketing		X	X	
RESL1224	Sales Territory Management			X	
RESL2222	Sales Management			X	
RESL2228	Sales Business Concepts and Trends			X	
	<b>SOCIAL SCIENCES (SOCIOLOGY)</b>		X	X	
	<b>SPANISH</b>		X	X	
	<b>BUSINESS MANAGEMENT</b>				
SMGT1210	Supervision Principles I			X	
SMGT1212	Managing for Quality				
SMGT1214	Practical Problem Solving				
SMGT1216	Leadership Development			X	
SMGT1749	Project Management			X	
SMGT2210	Human Resource Issues for Managers				
SMGT2214	Teambuilding				
SMGT2216	Coaching and Productivity Enhancement				
SMGT2218	Service Management				
SMGT2220	Management Theories and Organizational Studies			X	
	<b>TRUCK DRIVING</b>				
Course No.	Course Name	10th	11th	12th	
TRDR1400	Safe Driving Fundamentals		X	X	
TRDR1405	Proficiency Development		X	X	
TRDR1410	Advanced Driving		X	X	
TRDR1415	Employment Skills		X	X	
TRDR1420	Internship		X	X	
<b>NOTE:</b>	<i>Any PSEO individual enrolling MUST be 18 years of age to obtain a CDL permit</i>				
	<b>VIOLIN*</b>				
Course No.	Course Name	10th	11th	12th	
<b>VLNR1301</b>	Intro to Tools	X	X	X	
<b>VLNR1305</b>	Basic Materials	X	X	X	
<b>VLNR1315</b>	Violin History	X	X	X	
<b>VLNR1312</b>	Violin Playing	X	X	X	
<b>VLNR1321</b>	Bow Repair	X	X	X	
	<b>WELDING*</b>				
Course No.	Course Name	10th	11th	12th	
WELD1405	Safety, Theory, Blueprints and Processes			X	
WELD1410	SMAW-Principles of Stick Welding			X	
WELD1415	Oxy-fuel Welding, Cutting and Brazing			X	
WELD1420	GMAW-MIG Wire Feed I			X	
WELD1425	GMAW-MIG Wire Feed II			X	
WELD1430	GTAW-Tungsten Inert Gas Welding I			X	
WELD1435	GTAW-Tungsten Inert Gas Welding II			X	

	<i>Welding Technology is a two-semester technical diploma. Students must have the highest level of maturity in order to be successful candidates for a PSEO opportunity.</i>				
	<b><i>*full time attendance is required</i></b>				