

Dean: _____ Armetta Burney	Mattson, M. 091696	Leuck, J. 092203	Phelps, J. 111011	House, M. 101112	Fouhy, A. 091514	Bates, D. 091514	Lettenmaier, C. 091415	Mulligan, B. 091216	Van Riper, W 010917	Farrell, M 091018	Roberts, N. 091123	Connors, C. 091123
Division	TAPS	TAPS	TAPS	TAPS	TAPS	TAPS	TAPS	TAPS	TAPS	TAPS	TAPS	TAPS
Department	Industrial Technology	Automotive	Welding	Automotive	Industrial Technology	Welding	Industrial Technology	Welding	Automotive	Industrial Technology	Automotive	Industrial Technology
Course	1	2	3	4	5	6	7	8	9	10	11	12
AB-101, Auto Restoration				X								
AB-105, Street Rod Construction				X								
AB-112, Collision Repair Welding I			X	X		X						
AB-113, Collision Repair I / Nonstructural				X								
AB-123, Collision Repair Welding II			X	X		X						
AB-133, Collision Repair II/Structural				X								
AB-149, Collision Repair Estimating I												
AB-150, Collision Repair Computerized Estimating - Audatek												
AB-151, Collision Repair Computerized Estimating -CCC ONE												
AB-222, Collision Repair III/Advanced Structural				X								
AB-224, Collision Repair IV/Advanced Structural				X								
AB-226, Collision Repair V/Advanced Structural				X								
AB-235, Collision Repair Welding III			X	X		X						
AB-280, Collision Repair/CWE		X		X								
ABR-125, Collision Repair/Refinishing I				X								
ABR-127, Collision Repair/Refinishing II				X								
ABR-129, Collision Repair/Refinishing III				X								
ABR-225, Production Shop Techniques				X								
ABR-227, Restoration Practices				X								
AM-100, Automotive Fundamentals									X			
AM-101, Intro to Auto Services Tech		X							X			
AM-106, Fix Your Own Car		X							X			
AM-118, Small Engine Repair		X			X				X			
AM-121, General Auto Repair I												
AM-122, General Auto Repair II												
AM-129, Electrical Systems		X							X			
AM-130, Brake Systems		X							X			
AM-131, Chassis Systems		X							X			
AM-133, Engine Systems		X							X			
AM-142, Engine Performance I		X							X			

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Course	1	2	3	4	5	6	7	8	9	10	11	12
AM-175, Advanced Mechanic Studies I		X										
AM-201, Automotive Internship		X										
AM-223, Alt Fules Transportation Technology		X										
AM-224, Comfort Systems		X							X			
AM-225, Safety Systems		X										
AM-228, Service Shop Management		X							X			
AM-229, Electrical Systems II		X										
AM-235, Power Transmission Systems		X										
AM-242, Engine Performance II												
AM-243, Fuel & Emission Control Systems												
AM-244, Advanced Electrical Systems												
AM-245, Automatic Transmission Systems		X										
AM-280, Auto Mechanics/CWE		X							X			
CDT-102, Sketching & Problem Solving	X				X		X					
CDT-103, Computer-Aided Drafting I	X				X							
CDT-108A, Introduction to SolidWorks	X				X							
CDT-223, Inventor Fundamentals	X				X							
CDT-224, Professional Web Design					X							
CDT-225, Advanced SolidWorks	X				X							
EET-112, Elec Eqpmnt And Assem I											X	
EET-113, Elec Eqpmnt And Assem II											X	
EET-114, Elec Eqpmnt And Assem III											X	
EET-127, Semiconductor Circuits I											X	
EET-137, Electrical Fundamentals I	X				X						X	
EET-139, Principles of Troubleshooting I	X				X						X	
EET-141, Electrical Fundamentals II					X						X	
EET-142, Electrical Fundamentals III					X						X	
EET-157, Digital Logic I					X						X	
EET-215, Technical Mechanical	X				X						X	
EET-225, Mechatronics I	X				X						X	

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Department		Industrial Technology	Automotive	Welding	Automotive	Industrial Technology	Welding	Industrial Technology	Welding	Automotive	Industrial Technology	Automotive	Industrial Technology
Course		1	2	3	4	5	6	7	8	9	10	11	12
EET-227, Semiconductor Circuits II											X		
EET-233, Programmable Logic Controllers I						X					X		
EET-225, Mechatronics II		X				X					X		
EET-239, Principles of Troubleshooting I		X				X					X		
EET-250, Linear Circuits						X					X		
EET-252, Control Systems						X					X		
EET-254, Introduction to Microcontrollers						X					X		
EET-257, Digital Logic II											X		
ESH-100, Environmental Regulations													
IMT-104, Reading Schematics and Symbols		X				X							
IMT-108, Rigging and Lifting						X			X				
IMT-110, Preventative Maintenance		X				X							
IMT-120, Industrial Machinery I		X				X							
IMT-139, Principles of Troubleshooting I		X				X					X		
IMT-215, Electromagnetical Systems I		X				X					X		
IMT-220, Industrial Machinery II		X				X							
IMT-223, Instrumentation & Controls		X				X					X		
IMT-225, Electromagnetical Systems II		X				X					X		
IMT-239, Principles of Troubleshooting II		X				X					X		
MET-112, Intro to Engineering & Technology Careers		X				X					X		
MET-150, Principles of Engineering PLTW											X		
MET-170, Intro to Manufacturing Processes		X											
MET-211, Statics		X											
MET-213, Strength of Materials		X											
MFG-102, Mfg: Intro to Digital Manu		X	X			X							
MFG-103, Machining/Fab & Maintenance Trades		X											
MFG-104, Print Reading		X				X		X					
MFG-105, Dimensional Inspection		X						X					
MFG-106, Applied Geometric Dimensioning & Toler. for Mfg								X					
MFG-107, Industrial Safety & First Aid		X						X					

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Department	Industrial Technology	Automotive	Welding	Automotive	Industrial Technology	Welding	Industrial Technology	Welding	Automotive	Industrial Technology	Automotive	Industrial Technology
Course	1	2	3	4	5	6	7	8	9	10	11	12
MFG-109, Computer Literacy for Technicians	X				X		X					
MFG-110, Manufacturing Special Projects	X						X					
MFG-111, Machine Tool Fundamentals I	X						X					
MFG-112, Machine Tool Fundamentals II	X						X					
MFG-113, Machine Tool Fundamentals III	X						X					
MFG-126, CNC, Operator Technician							X					
MFG-130, Basic Electricity I	X				X							
MFG-131, Basic Electricity II	X				X							
MFG-132, Basic Electricity III					X							
MFG-140, Principles of Fluid Power	X				X							
MFG-180, Manufacturing/CWE	X						X					
MFG-200, Intro to CNC	X						X					
MFG-201, CNC I: Set-up and Operation	X						X					
MFG-202, CNC II: Programming & Operation	X						X					
MFG-203, CNC III: Applied Programming & Operation	X						X					
MFG-204, Computer-Aided Manufacturing I	X						X					
MFG-205, Computer-Aided Manufacturing II	X						X					
MFG-206, Computer-Aided Manufacturing III	X						X					
MFG-209, Programming & Automation for Manufacturing	X				X							
MFG-210, CAM Special Projects	X						X					
MFG-211, Machine Tool Fundamentals IV	X						X					
MFG-219, Robotics												
MFG-221, Materials Science	X											
MFG-223, Material Science & Practical Metallurgy	X						X					
MFG-264, CMM Set-Up and Operation												
MFG-271, Mastercam Mill I							X					
MFG-272, Mastercam Mill II							X					
MFG-273, Mastercam Lathe/Mill/Multi-Axis							X					
MFG-275, Mastercam I: Streamingteacher							X					
MFG-280, Manufacturing Technology/CWE	X						X					

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Department		Industrial Technology	Automotive	Welding	Automotive	Industrial Technology	Welding	Industrial Technology	Welding	Automotive	Industrial Technology	Automotive	Industrial Technology
Course	1	2	3	4	5	6	7	8	9	10	11	12	
MTT-111, Manual Machining I	X						X						
MTT-112, Manual Machining II	X						X						
MTT-113, Manual Machining III	X						X						
MTT-121, CNC I: Set-Up and Operation	X						X						
MTT-122, CNC III: Programming and Op	X						X						
MTT-123, CNC III: Appld Programming/Op	X						X						
MTT-141, CAD/CAM I							X						
MTT-241, CAD/CAM II							X						
MTT-242, CAD/CAM III							X						
MTT-252, Macro Programming and Machine Probing							X						
MTT-253, 5-Axis Machining							X						
MTT-254, Mill/Turn Machining							X						
MTT-268, Capstone Machining I							X						
MTT-269, Capstone Machining II							X						
RET-200, Renewable Energy Systems	X				X								
RET-209, Rewable Energy I: Energy Efficiency	X				X								
RET-211, Renewable Energy II: System Fundamentals	X				X								
RET-213, Renewable Energy III: Installation & Maintenance	X				X					X			
RET-215, Renewable Energy IV: Systems Design	X				X								
RET-217, Renewable Energy Capstone Project	X				X								
RET-240, Alternative Fuel Systems					X								
RET-280, Renewable Energy/CWE	X				X								
SM-136, Photolithography											X		
SM-150, Semiconductor Processing I											X		
SM-160, Semiconductor Processing II											X		
SM-170, Semiconductor Processing III											X		
SM-229, Vacuum Technology											X		
SM-280, Electronics & Microelectronics/CWE	X									X			
WLD-100, Welder's Print Reading I						X		X					
WLD-102, Introduction to Welding			X			X		X					

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Department	Industrial Technology	Automotive	Welding	Automotive	Industrial Technology	Welding	Industrial Technology	Welding	Automotive	Industrial Technology	Automotive	Industrial Technology
Course	1	2	3	4	5	6	7	8	9	10	11	12
WLD-103, Blacksmithing and Traditional Iron Working												
WLD-104, Introduction to CNC Plasma Cutting			X			X						
WLD-110, Welder Certification			X			X		X				
WLD-111, Shielded Metal Arc Welding (Stick)			X			X		X				
WLD-111A, Shielded Metal Arc Welding (Stick)			X			X		X				
WLD-111B, Shielded Metal Arc Welding (Stick)			X			X		X				
WLD-113, GMAW/FCAW Welding (Wirefeed)			X			X		X				
WLD-113A, GMAW/FCAW Welding (Wirefeed)			X			X		X				
WLD-113B, GMAW/FCAW Welding (Wirefeed)			X			X		X				
WLD-115, Gas Tungsten Arc Welding (GTAW)			X			X		X				
WLD-115A, Gas Tungsten Arc Welding (GTAW)			X			X		X				
WLD-115B, Gas Tungsten Arc Welding (GTAW)			X			X		X				
WLD-150, Welding Processes			X			X		X				
WLD-200, Welders' Print Reading II						X						
WLD-203, Blacksmithing & Traditional Iron Working II												
WLD-210, Pipe Welding			X			X		X				
WLD-211, Advanced SMAW			X			X		X				
WLD-212, SMAW Pipe Welding			X			X		X				
WLD-213, Advanced GMAW/FCAW			X			X		X				
WLD-215, Advanced GTAW			X			X		X				
WLD-250, Welding Fabrication I / Beginning Project			X			X		X				
WLD-251, Welding Fabrication II / Intermediate Project			X			X		X				
WLD-252, Welding Fabrication III / Advanced Project			X			X		X				
WLD-261, Welding Special Projects			X			X		X				
WLD-270, AWS Certified Welding Inspect								X				
WLD-280, Welding Technology/CWE			X					X				
Willamette Columbia Workforce Collaborative	X											
Contracted Manufacturing Courses	X	X										
Participate in Discussings, RE: Manufacturing Training	X	X										
Industry Solution Package Development in Manufacturing	X											