

ODE-Sinclair Credit Crosswalk: Manufacturing Technologies

Manufacturing Operations (R7)

ARTICULATED

ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
Hydraulics and Pneumatics	010225	EGR 1217: Fluid Power & Control	2	Proof of passing WebXam Score required for credit. New FPS for AY 24-25 - Patrick Piper, patrick.piper@sinclair.edu
Industrial Robotics	176025	EGR 2252: Teach Pendant Robot Programming	3	Proof of passing WebXam Score required for credit. New FPS for AY 24-25 - Patrick Piper, patrick.piper@sinclair.edu
N/A		ISE 1201: Introduction to Manufacturing Safety	2	MSSC - Certified Production Technician (CPT) Certification or MSSC - Introduction to Manufacturing Safety Certificate
N/A		ISE 1202: Quality Practices & Measurement for Manufacturing	2	MSSC - Certified Production Technician (CPT) Certification or MSSC - Quality Practices and Measurement for Manufacturing
N/A		ISE 1203: Manufacturing Processes & Production	2	MSSC - Certified Production Technician (CPT) Certification or MSSC - Manufacturing Processes and Production
N/A		ISE 1204: Maintenance Awareness for Manufacturing	2	MSSC - Certified Production Technician (CPT) Certification or MSSC - Maintenance Awareness for Manufacturing
N/A		ISE 1300: Fundamentals of Dimensional Metrology	3	NEW! Credit option for AY 24-25, FPS - Cole Glover, cole.glover@sinclair.edu
N/A		ISE 2240: Six Sigma: Green Belt	3	The student must supply proof of earning a Six Sigma Green Belt Credential
N/A		MET 1301: SolidWorks Basics	4	Proof of Solidworks certification required for credit. New FPS for AY 24-25 - Michael Neal, michael.neal@sinclair.edu

CTAG

ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Digital Electronics	175007	CTEET002 - Digital Electronics	EET 1131: Digital Electronics	4	
Computer Integrated Manufacturing	175006	CTMET005 - Computer Aided Drafting and Design (CADD)	MET 1231: Introduction to Engineering Design Using 3D CAD	4	

PROFICIENCY

ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
N/A		CAM 1107: Introduction to Mechanical Drafting with CAD	3	
N/A		CAM 1108: Machine Shop Fundamentals	3	
Machine Tools	176004	CAM 1109: Fundamentals of Tooling & Machining	3	
N/A		CAM 1110: Advanced Machine Operations	3	