



MIAMI VALLEY
TECHPREP
CONSORTIUM

Sinclair/Tech Prep Career Field Options for AY 2017-18

Manufacturing Technologies

R7 Manufacturing Operations

Course		Course Name	Semester Hours
Proficiency Credits			
<i>MET</i>	1231	<i>Introduction to Drafting & Design Using Inventor (formerly MET 1101 and MET 1201)</i>	4
OPT	1100	Tooling & Machining Metrology	2
Articulated Credits			
CAM	1107	Principles of Manufacturing	3
CAM	1109	Fundamentals of Tooling & Machining	3
CAM	1110	Advanced Machine Operations NEW	3
CAM	1141	Shop Floor Calculations I	3
MET	1301	*SolidWorks Basics	3

CTAG Sinclair Alignments

R7 Manufacturing Operations

CTE Pathway	Pathway Code	ODE Course #	ODE Course Name	Sinclair Course	Sinclair Course Name	Semester Hours
Manufacturing Operations	R7	No course match at this time.	No course match at this time.	CAT 1431	OSHA Construction Standards 10 Hour	1
Manufacturing Operations	R7	175003	Manufacturing Operations	OPT 2205	Manufacturing Processes	3