

ISE 1300- Fundamentals of Dimensional Metrology
Credit Type – **Articulated** (AA)



MIAMI VALLEY
TECHPREP
CONSORTIUM

Course Description and Learning Outcomes:
https://www.sinclair.edu/course/params/subject/ISE/courseNo/1300/
Faculty Pathway Specialist(s) (Please include name, email and office hours):
Cole Glover, cole.glover@sinclair.edu
What credential(s) is/are required to earn this credit?
Proof of Snap-on credentials in all of the following areas: • Tape and Rule Measurement • Micrometer Measurement • Dial Gage Measurement • Angle Measurement • Gage Measurement • Caliper Measurement
What credentialing body(ies) should be used?
Our instructors are certified on Starrett tools
What documentation is required to earn the credit?
Completed homework assignments, class/lab participation, midterm exam completed, final lab, final exam
Resources Needed to Offer Course (software, equipment, books [include ISBN and edition], etc. – please include any associated costs):
Fundamentals of Dimensional Metrology, Dotson, 6 th Edition
Additional course details or requirements important for instructors not covered above:
No prerequisites required
Most common (or popular) degrees this course is in?
Industrial & Systems Engineering Technology (OPTIO.S.AAS) Computer Aided Manufacturing/CNC Technology (CAMCT.S.AAS) Computer Aided Manufacturing/Precision Machining (CAMPM.S.AAS)