

MAT 1110 – Math for Technologists
 Credit Type – Proficiency
 2023 – 2024



MIAMI VALLEY
TECHPREP
 CONSORTIUM

Course Description and Learning Outcomes
https://www.sinclair.edu/course/params/subject/MAT/courseNo/1110/
Faculty Pathway Specialist(s)
David Ericson; david.ericson@sinclair.edu
Resources Needed to Offer Course (software, equipment, books [include ISBN and edition], etc. – please include any associated costs)
Mathematics for Machine Technology, Peterson/Smith, 8th Edition, ISBN: 9781337798310 - Teacher Copy Only
What is the ideal format for course delivery – in person, online or blended? To what extent could this course be offered online if necessary?
Course can be delivered completely online. Tests must be proctored by teacher either in person or using another virtual platform like Zoom, Respondus, or something similar.
How is the final grade for the course determined? (Please list all required assignments, assessments, etc.)
Student grade is determined by percentage of questions answered correctly on three proficiency tests which are housed in eLearn. Students are only eligible for a final grade if they complete all 3 tests. Tests must be proctored by teacher either in person or using another virtual platform like Zoom, Respondus, or something similar. <i>This course has time limitations that a high school teacher cannot modify. If you have a student who has accommodations that cannot be met, please follow our policy for accessibility services.</i>
Who is responsible for grading the required assignments and/or assessments? (faculty or instructor?)
Tests are automatically graded in eLearn and posted to eLearn gradebook. Tests must be proctored by teacher either in person or using another virtual platform like Zoom, Respondus, or something similar.
What is the grading scale for the course?
A = 90% or better, B = 80% to 90%, C = 70% to 80%, no letter grade assigned for scores below 70%
Must students access the eLearn shell regularly to complete requirements?
Yes
Does the course require access to YouTube, GoogleDrive, etc.?
No
Additional course details or requirements important for instructors not covered above:

Tests must be proctored by teacher either in person or using another virtual platform like Zoom, Respondus, or something similar.

Most common (or popular) degrees this course is in?

Automotive Technology
Automotive Technology GM ASEP
Automotive Technology Honda PACT
Automotive Technology Mopar CAP
Aviation Airframe Maintenance Technology
Aviation Powerplant Maintenance Technology
Computer Aided Manufacturing/CNC Technology
Computer Aided Manufacturing/Precision Machining
Interior Design
Visual Communications