

MAT 1110 – Math for Technologists  
 Credit Type – Proficiency



MIAMI VALLEY  
**TECHPREP**  
 CONSORTIUM

<b>Course Description and Learning Outcomes</b>
<a href="https://www.sinclair.edu/course/params/subject/MAT/courseNo/1110/">https://www.sinclair.edu/course/params/subject/MAT/courseNo/1110/</a>
<b>Faculty Pathway Specialist(s)</b>
David Ericson; <a href="mailto:david.ericson@sinclair.edu">david.ericson@sinclair.edu</a>
<b>Resources Needed to Offer Course</b> (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
<b>What is the ideal format for course delivery – in person, online or blended? To what extent could this course be offered online if necessary?</b>
Course can be delivered completely online. <b>Tests must be proctored by teacher either in person or using another virtual platform like Zoom, Respondus, or something similar.</b>
<b>How is the final grade for the course determined?</b> (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. <b>Tests must be proctored by teacher either in person or using another virtual platform like Zoom, Respondus, or something similar.</b>
<b>Who is responsible for grading the required assignments and/or assessments?</b> (faculty or instructor?)
Tests are automatically graded in eLearn and posted to eLearn gradebook. <b>Tests must be proctored by teacher either in person or using another virtual platform like Zoom, Respondus, or something similar.</b>
<b>What is the grading scale for the course?</b>
A = 90% or better, B = 80% to 90%, C = 70% to 80%, no letter grade assigned for scores below 70%
<b>Must students access the eLearn shell regularly to complete requirements?</b>
Yes
<b>Does the course require access to YouTube, GoogleDrive, etc.?</b>
No
<b>Additional course details or requirements important for instructors not covered above:</b>
<b>Tests must be proctored by teacher either in person or using another virtual platform like Zoom, Respondus, or something similar.</b>

**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