

**MAT 1130 – Mathematics in Health Sciences**  
**Credit Type – Proficiency**  
 2023 – 2024



MIAMI VALLEY  
**TECHPREP**  
 CONSORTIUM

<b>Course Description and Learning Outcomes:</b>
<a href="https://www.sinclair.edu/course/params/subject/MAT/courseNo/1130/">https://www.sinclair.edu/course/params/subject/MAT/courseNo/1130/</a>
<b>Faculty Pathway Specialist(s)</b> (Please include name, email and office hours):
Dr. Patti Bromer; <a href="mailto:patti.bromer@sinclair.edu">patti.bromer@sinclair.edu</a>
<b>Resources Needed to Offer Course</b> (software, equipment, books [include ISBN and edition], etc. – please include any associated costs):
Lecture Notes, Lecture Notes Answer Keys, PowerPoint Presentations, Lesson Videos, Lesson Handouts – embedded in eLearn (no software or book required) – no cost Computer with internet access MyOpenMath (MOM) HW Tool – embedded in eLearn (no software required) – no cost
<b>How is the final grade for the course determined?</b> (Please list all required assignments, assessments, etc.)
Final Grade is determined by averaging scores from Test 1, Test 2, Test 3, and the Final Exam.  <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 <a href="#">our policy for accessibility services</a>.</i>
<b>Who is responsible for grading the required assignments and/or assessments?</b> (faculty or instructor?)
Faculty Pathway Specialist, Patti Bromer, will grade Test 1, Test 2, Test 3, and the Final Exam and will also calculate the Final Grade for the course.
<b>What is the grading scale for the course?</b>
Grading scale: 90-100 A 80-89 B 70-79 C 60-69 D < 60 F; Incomplete or unfinished assignments will be given the grade of a zero.
<b>Must students access the eLearn shell regularly to complete requirements?</b>
Yes, students must access the eLearn shell to complete the course requirements as the Tests are taken in eLearn. eLearn also provides links to the online Practice Problems in MyOpenMath (MOM).
<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>
At the beginning of the academic year, instructors will be given information to allow for instructors to access student MyOpenMath (MOM) Practice Problem score information for their specific section of MAT 1130.
<b>Most common (or popular) degrees this course is in?</b>

**Degree Programs**

Addiction Services  
Dental Hygiene  
Dietetic Technology  
Electroneurodiagnostic Technology  
Emergency Medical Services  
Emergency Medical Services/Fire Science  
Exercise Science  
Health Information Management  
Health Science  
Human Services  
Medical Assistant Technology  
Nursing  
Occupational Therapy Assistant  
Physical Therapy Assistant  
Public Health  
Respiratory Care  
Surgical Technology  
Veterinary Technology

**Certificates Programs**

Pharmacy Technician  
Polysomnography

**Short Term Certificate Programs**

Clinical Lab Assistant  
Large Animal Care & Handling  
Reimbursement Analyst  
Tissue Banking Technology