TECHNICAL MATHEMATICS
MATH 125  Fall 2015

Section 001:  Monday and Wednesday  3:00-4:50  EGRA 0320
Section 002:  Tuesday and Thursday  3:00-4:50  EGRA 0420
Section 003:  Tuesday and Thursday  1:00-2:50  EGRA 0420

INSTRUCTOR:  Vina Castelli

CONTACT:  Office: Neckers 381      Phone:  (618)453-6570
e-mail:  vina@siu.edu

OFFICE HOURS:  Monday  1:00pm – 2:50pm
                Tuesday  12:00pm – 12:50pm
                Wednesday  1:00pm – 2:50pm
                Thursday  12:00pm – 12:50pm
* Other times available by appointment *

PREREQUISITE:  Two years of high school algebra or equivalent.

DESCRIPTION:  Course Catalog Description: Technical Mathematics with Applications. Emphasizes the applications of algebra and trigonometry in technical fields. Topics in algebra include functions and graphs, systems of linear equations, quadratic equations, higher degree equations, and variation. Topics in trigonometry include the trigonometric functions, laws of sines and cosines, complex numbers, and exponential and logarithmic functions.

TEXTBOOK:  REQUIRED  Math 125 Workbook
             Available at The Printing Plant (606 S Illinois Ave)

             REQUIRED  MyLabsPlus Access
                         This may be purchased by accessing Pearson MyLabsPlus through Salukinet

                         Basic Technical Mathematics.

EQUIPMENT:  The use of a scientific calculator is required.
             A Texas Instruments 30-XIIS or equivalent is recommended.
             You may not use a graphing calculator during exams.
             It is your responsibility to learn how to use your calculator.
IMPORTANT DATES:

- Last day to drop with refund: Sunday, September 6
- Labor Day: Monday, September 7
- Fall Break: October 10-October 13
- Last day to drop without refund: Sunday, November 1
- Veterans Day: Wednesday, November 11
- Thanksgiving Break: November 25-November 29
- Final Exam: Monday, December 14

CLASSROOM CONDUCT:

- Cell phone use is **not allowed** during class. Cell phones should be fully silenced (not set on vibrate) during class. If you have extenuating circumstances, speak with me before class. Cell phone use during exams will result in a zero on that exam and possibly harsher consequences.
- All worksheets, quizzes, and tests must be completed in pencil. Illegible work will receive a zero.
- If a student is more than 10 minutes late to class, they will be counted as absent for that day. If a student leaves more than 10 minutes early, they will be counted as absent for that day.
- Questions and discussion are **encouraged**! Group work will be provided and facilitated. Make friends and find people who help you to be better at math.
- Don’t wait until you are drowning to ask for help. Office hours are for you! You can ask questions, get extra practice, or we can go over a concept again. Be proactive and seek help early!

ATTENDANCE:

- Attendance is mandatory! Any excused absence (such as an absence due to illness, mandatory school function, etc) **must** be accompanied by appropriate paperwork either before or in the following class period to the one missed.
- Texting in class, failing to take notes, or failure to participate will result in a student being counted as absent for that class period.
- Every unexcused absence after the first two will result in a 1% deduction in the student’s overall score at the end of the semester.
- Any student with no absences (excused or unexcused) at the end of the semester will receive a 2% addition to their overall score at the end of the semester.
- Any student with only one absence (excused or unexcused) at the end of the semester will receive a 1% addition to their overall score at the end of the semester.

HOMEWORK:

- Homework will be done online using Pearson MyLabsPlus. You can access your homework by going to salukinet.siu.edu, clicking on the MyRecords tab, and selecting
the link: Pearson MyLabsPlus in the middle of the page. Under your course list, you must select this course. To see what homework is open, click on the tab on the left: Homework.

- Late homework will not be accepted. It is your responsibility to keep track of due dates and complete homework at a reasonable time.

WORKSHEETS:

- There will be several worksheets assigned during the semester which must be turned in for a grade.
- Collaboration is encouraged, but copying will result in zeros for all students involved.
- Late worksheets will not be accepted. If you know you must miss a day, turn your worksheet in early!

QUIZZES:

- Quizzes will be given in class.
- Quiz dates will be announced in class at least one class prior to the day of the quiz. It is the student’s responsibility to get this information if he or she misses class.
- The lowest quiz score will be dropped.
- There will be no make-up quizzes.

EXAMS:

- There will be four hourly exams worth 100 points each (10% of your grade, each).
- A comprehensive departmental final will be given during finals week. This exam is worth 200 points (20% of your overall score). It is mandatory and cannot be dropped.
- Exams should be written in pencil. You must show your work to receive full credit on a problem. You may not use a graphing calculator for exams.
- If your final exam score is better than the lowest hourly exam score, half of the final exam score will replace that lower score.
- Not more than one hourly exam score will be replaced.
- There are no make-up exams! If you miss an exam for any reason, that exam score will be replaced with half of the final exam score.
- The final exam will be held on Monday, December 14 from 5:00-7:00pm.

METHOD OF EVALUATION: I will use a 10% grading scale.

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Emergency Procedures. Southern Illinois University Carbondale is committed to providing a safe and healthy environment for study and work. Because some health and safety circumstances are beyond our control, we ask that you become familiar with the SIUC Emergency Response Plan and Building Emergency Response Team (BERT) program. Emergency response information is available on posters in buildings on campus, available on BERT's website at www.bert.siu.edu, Department of Safety's website www.dps.siu.edu (disaster drop down) and in Emergency Response Guideline pamphlet. Know how to respond to each type of emergency.

Instructors will provide guidance and direction to students in the classroom in the event of an emergency affecting your location. It is important that you follow these instructions and stay with your instructor during an evacuation or sheltering emergency. The Building Emergency Response Team will provide assistance to your instructor in evacuating the building or sheltering within the facility.