

MATH 1910 – Calculus I – Section P04

INSTRUCTOR:	Robert (Bobby) Jackson
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OFFICE HOURS:	M-R 12:55-1:50 PM; F 10:45-11:40 AM; or by appointment
COLLEGE CATALOG DESCRIPTION:	Single variable calculus for students majoring in science, mathematics, engineering, and computer science. Limits and differentiation of polynomial, rational, trigonometric, exponential and logarithmic functions and their applications.
PREREQUISITE:	A thorough knowledge of algebraic and trigonometric functions is necessary for entrance to this course. The following is required: high school algebra I and algebra II, geometry, and trigonometry, and ACT score of at least 26; or MATH 1730; or MATH 1710 and MATH 1720.
TEXTBOOK:	<i>Calculus Early Transcendentals</i> , Rogawski, 2nd edition
CALCULATOR:	A non-symbolic graphing calculator is required for this course. NO TI-89, TI-92, or TI-Nspire calculators are allowed on tests or quizzes. I will be using the TI-84. The TI-83, TI-83+, or TI-86 will work as well. There are many skills covered in this course that the student will be required to master WITHOUT the aid of a calculator. Directions on when to use your calculator will be clearly stated for any quizzes or tests.
ATTENDANCE:	Students must attend at least 75% of all scheduled classes. Students who are absent for more than 14 class meetings will receive a grade of “F”. Attendance is counted starting from the first official class meeting. If a student arrives late it is their responsibility to remind me to mark them present.
STUDENT CONDUCT:	Please use common courtesy in class. Turn cell phones off or put on vibrate/silent mode. Do not carry on conversations during lectures. If you need to converse, please go out in the hall away from the classroom. Plagiarism, cheating and other forms of academic dishonesty are prohibited. In addition to other possible disciplinary sanctions that may be imposed through the regular Pellissippi State procedures as a result of academic misconduct, the instructor has the authority to assign an F or a zero for the exercise or examination OR to assign an F in the course.
EXTENDED COLLEGE CLOSURE:	Pellissippi State Community College is committed to the educational process and student learning. In the event of a prolonged college closure (of at least a week), I will e-mail the students by means of Pellissippi State’s e-mail system (your e-mail address that ends with @pstcc.edu) and inform them how we will continue the course. The students will be responsible for checking their Pellissippi State e-mail account in such an event. I will also place announcements on my web page (see above) if at all possible. If the college’s web page is not accessible, then I will post information within PSCC’s online course component at https://elearn.pstcc.edu .
EMAIL COMMUNICATION:	I will occasionally email reminders and other announcements to all students enrolled in the course. These will be sent to the students’ @pstcc.edu email accounts. Please regularly check your email for messages from me. Except in the unlikely event of an extended college closure (see above), I will not be using PSCC’s online course component (D2L) for this course. All course information can be found on my webpage listed above.

- HOMEWORK:** Homework problems (both preliminary questions and exercises) from the textbook will be assigned at each class meeting. Other exercises may be given in addition to those in the text book. If you are absent, it is your responsibility to find out what problems were assigned. These problems should be carefully attempted with any questions being brought up at the beginning of the next class meeting or during office hours. I will not be able to provide extensive time during class to go over every homework problem. Please see below for where to get help. Odd numbered exercises have answers in the back of the text.
- Working through these homework problems is essential to being successful in this course. Satisfactory homework progression will be mostly checked via short in-class or take-home quizzes (see below).
- QUIZZES:** Short in-class or take-home quizzes will be given during most class meetings. These will cover material from previous homework assignments. There are **NO** make-ups for missed quizzes. I will drop your lowest quiz score. Quizzes will be graded for a total of 100 points.
- TESTS:** Four tests (100 points each) will be given over the course of the semester. Make-ups will only be given in the case of an emergency (medical, childcare, etc.) or if unavoidable conflicts are made known to me in **advance** of the test date. In the case of an emergency, students must provide **SIGNED** documentation in order to take makeup.
- Students must use pencil and their own paper for tests.** Unless otherwise indicated, students must show all work to receive credit for any particular problem. Graphing calculators will be allowed for use during all tests.
- DERIVATIVE TEST:** All students must take a test on derivatives after we complete Section 3.9. You will have up to **five** attempts to score more than 80% on this test. The first attempt will be in class. Any remaining attempts will be in the Testing Center. If a score of 80% or more is not obtained in the five attempts, the student will receive a score of **ZERO** on this test. If the student takes the test more than once and makes at least an 80 on one of the attempts, then their score will be the average of *all* attempts or 80 whichever is greater.
- FINAL EXAM:** All students must take the final exam in order to pass the course. See the Tentative Class Schedule for the date and time of the final exam.
- FINAL GRADE:** Your final course grade will be based upon your point accumulation: four 100-point tests, 100 point Derivative Test, 100-point final exam, and 100 points for quizzes for a grand total of 700 points.
- 648-700: A (93-100%); 613-647: B+ (88-92%); 578-612: B (83-87%);
543-577: C+ (78-82%); 487-542: C (70-77%); 417-486: D (60-69%);
Below 417: F
- SML:** The Student Mathematics League (SML) is an international mathematics competition for two-year college students. I will be giving *incentive* for those of you who participate in the SML. More information will be given later.

HELP:

Please see or call (539-7060) me during office hours or make an appointment if you have any questions about homework or any of the material discussed in class. I am your primary resource for help. You may also email me (rtjackson@pstcc.edu) with questions and I will reply as soon as possible. Other resources include:

1. **The Math Help Web Site.** This site has a lot of good resources including calculator help & links to helpful sites for calculus.
2. **Calcportal** is an online learning space that integrates an interactive eBook, animations, tutorials, and a number of other study aids.
3. **Visual Calculus** is a good online source for review of concepts in precalculus as well as topics covered in Calculus I & II.
4. **The Learning Center** on the third floor of the ERC. There is help here from other students and math instructors. There should be a schedule available soon of when calculus help is available.
5. **Smarthinking** is a new online tutoring service that is available to all PSCC students 24 hours a day, 7 days a week.
6. **My Web Page** has links to most of these resources and others as well. See above for my web page address.
7. **Your classmates!** I think it would be beneficial for each student to find one or more other students in the class to work on homework, study, and generally look out after each other. Working with others will, I believe, enhance your retention and understanding of the material.