Sections 001, MWF, 3pm-3:50pm (BHSCI A101),
Sections 002, 302 MWF, 11am-11:50am (BHSCI A101),
Section 003, (Plant Sciences C101) MWF 1pm – 1:50pm

Catalog Description:
Prerequisite: Math 118. Credit allowed for only one of the following courses: MATH 141, MATH 155, or
MATH 160. Analytic geometry, limits, equilibrium of supply and demand, differentiation, integration,
applications of the derivative, integral.

Office Hours:
Office hours are held both in person and in the form of weekly problem/review sessions. Location TBA

In-person
MWF 12:05 – 12:45pm, 2:05 – 2:45pm

Weekly Problem Sessions
Mondays 4:15 – 5:15, Wednesdays 4:15 – 5:15

Required Calculator:
TI-83 or TI-84. Advanced calculators with algebraic capabilities, such as the TI-89, are not allowed on
exams. You may buy either a new or used calculator and sell it back via the CSU Bookstore’s calculator
buyback program.

Textbook:

MyMathLab:
Online help, quizzes and OPTIONAL homework are available on MyMathLab. Quiz scores will be posted on
MyMathLab.

Quizzes:
Quizzes for this course are conducted online via MyMathLab at http://www.mymathlab.com (*** You will
access MyMathLab through Canvas***). There will usually be multiple MyMathLab quizzes due roughly
every week. All quizzes will be weighted equally, regardless of the number of questions in each quiz.
You will have a maximum of 10 attempts for each quiz. Only the quiz with the highest score counts.
Notice that any quizzes that you miss will be assigned a score of zero. There will be no due date
extensions for quizzes. Bonus quizzes may be assigned. However, once you have reached the maximum
number of possible quiz points, you may not earn any more points. Thus, if your quiz average is 100%,
you may not increase your quiz average by completing any bonus quizzes.

Registering for MyMathLab:
To register for MyMathLab you will need
• ***You will register for the MyMathLab course through Canvas. ***
• a MyMathLab student access code, packaged with your new text, standalone at your bookstore, or
  available for purchase with a major credit card at http://www.mymathlab.com
• your school’s zip code (80523)
• a valid email address
• ***You should use your Canvas login as the MyMathLab login.***

For questions about MyMathLab, you may contact Alicia Rinke by e-mail at alicia.rinke@pearson.com or
technical support by phone at 844-292-7015.
**Exams:**

The exams are multiple choice/scantron. There will be four exams for this course on the following dates:
- Wednesday, February 8th (in class, regular time and place)
- Wednesday, March 8th (in class, regular time and place)
- Wednesday, April 12th (in class, regular time and place)
- Wednesday, May 10th (Final Exam, 7:30am-9:30am, http://registrar.colostate.edu/academic-resources/final-exams/).

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It is crucial that you correctly mark your section number and exam version on your exams. Failing to do so may result in an inability to determine your grade and, thus, you may be assigned a zero.

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**Tentative Schedule:**

1. Introduction to course (Algebra Review, R.4, 1.3 Average Rates of Change)
2. 1.1, 1.2 Limits and Continuity
3. 1.4 Differentiation Using Limits of Difference Quotient
4. 1.5 Power Rule, Sum–Difference Rule
5. 1.6 Product Rule, Quotient Rule
6. 1.7 Chain Rule
7. 2.6 Marginals
8. 2.1 First Derivative Test for Local Extrema
9. 1.8, 2.2 Higher Order Derivatives, Second Derivative Test
10. 2.4 Absolute Extrema
11. 2.5 Maximum-Minimum Problems in Business and Economics
12. 2.8 Implicit Differentiation and Related Rates
13. 3.1, 3.2 Exponential and Logarithmic Functions
14. 3.3, 3.4 The Growth and Decay Models
15. 4.1 Anti-differentiation
16. 4.3 Area and Definite Integrals
17. 4.4 Properties of Definite Integrals, Area Between Curves
18. 5.1 Consumer's Surplus and Producer's Surplus
19. 4.5 Integration Techniques: Substitution
20. Other topics, as time allows.

**Grades:**

The course grade is based entirely on exams and MyMathLab quizzes. The exams are multiple choice/scantron. Exam scores will be posted on Canvas. University policy dictates that instructors are not allowed, by law, to email grades or snail mail grades. Please do not ask us to do this.

Quizzes: 100 pts
Algebra Exam Online: 50 pts
Lowest Midterm Exam Score: 100 pts
Other Two Midterms: 200 pts each
Final Exam: 250 pts
Total: 900 pts

EXAM SCORES WILL BE POSTED ON CANVAS, NOT MYMATHLAB.

THERE WILL BE NO EXAM RETAKES.

DO NOT TAKE AN EXAM IF YOU ARE SICK, BUT INFORM YOUR INSTRUCTOR THE DAY OF THE EXAM!!!
EXAMS AND QUIZ SCORES WILL NOT BE CURVED.

NO EARLY EXAMINATIONS WILL BE GIVEN, INCLUDING THE FINAL EXAM.

NO LATE EXAMINATIONS WILL BE GIVEN EXCEPT IN THE CASE OF A DOCUMENTED EMERGENCY.

The grading scheme is traditional; no plus-minus grades are given:

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The instructor does not give you a grade. You earn your grade. Your grade will reflect the total number of points that you have earned based on demonstrated knowledge and competence, not effort.
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Tutoring:
Free tutoring is available for this course through the Arts & Sciences Tutoring Program. The program is located in the Russell George Great Hall in The Institute for Learning and Teaching (TILT), and runs from 5 p.m. to 10 p.m., Sunday-Thursday evenings during the academic year. No appointment is necessary and all students are welcome. For more information and tutoring schedule, please visit: http://tilt.colostate.edu/learning/tutoring/artSciences.cfm.

Important Dates (see http://registrar.colostate.edu/faculty-staff/important-dates):
Jan 20th: Restricted drop deadline
Jan 22nd: End regular add (Without Override); Add with override begins.
Feb 1st: Registration closes; student option Pass/Fail and audit grading forms due
March 11th-19th Spring Break
March 20th: End of course withdrawal ("W") period; Repeat/Delete requests due
May 5th: Classes end; university withdrawal deadline

Academic Integrity (see http://tilt.colostate.edu/integrity):
We take academic integrity seriously at CSU. Academic dishonesty (cheating) is unauthorized and can result in loss of credit or failure on assigned work or even the course. Cheating could also lead to expulsion from the university.

The CSU honor pledge for assigned work is the following:

“I have not given, received, or used any unauthorized assistance.”