

COURSE	LOCATION	PREFIX/NUMBER	CREDIT HOURS	PS #
Calculus I	Stevens 206	MATH 165	4	10723

COURSE DESCRIPTION

Pre-requisite: MATH 103 and Math 105.

Limits, continuity, differentiation, Mean Value Theorem, Integration, Fundamental Theorem of Calculus, and applications

INSTRUCTOR/E-MAIL	OFFICE	OFFICE HOURS	OFFICE HOURS	PHONE
Mrs. Amanda Davis amanda.k.davis@willistonstate.edu	Stevens 207-C	MWF 11a-11 ⁴⁵ p, 1p-1 ⁴⁵ p	TR 9 ³⁰ a-10 ¹⁵ a	O: 701-774-4504 C: 850-902-1427

TEXTBOOK	AUTHORS	ISBN#
<i>Calculus, 9th edition</i>	Larson and Edwards	978-0-547-16702-2

SPECIAL MATERIALS

Keep a notebook for calculus only; use it for notes, bookwork and questions you wish to ask. Write with PENCIL ONLY and use an eraser when needed. IF YOU USE INK I WILL NOT GRADE YOUR WORK. Erasable ink is okay. Bookwork is due at test time. A test will be taken every few weeks and can be found under Course Calendar. Each class period the student is expected to bring note taking material, a textbook, and be prepared to participate in class.

It is recommended that you also have a graphing calculator.

The following calculators are suggested: a TI-83, or TI-83 PLUS, or TI-84 PLUS.

GENERAL EDUCATION OUTCOMES

(1) mathematics – including numerical literacy (2) analytical thinking –organizing and evaluating information, (3) analogical thinking – using former knowledge and experience to help comprehend and explain new situations, (4) critical thinking – the ability to identify and define criteria (5) problem solving – the ability to analyze situations and synthesize solutions

COURSE OUTCOMES

- (1) Active Learning-ability to process calculus situations
- (2) Academic Challenge-ability to think analytically and act on that thinking
- (3) Collaborative Efforts-ability to construct meaningful graphs and equations , & share them with others

ASSESSMENT METHODS

The general education outcomes and course objectives will be assessed by using:
Bookwork, Test Reviews, Class Participation, Tests, Final

STUDENT ACADEMIC INTEGRITY See page 24 of WSC 2011-13 Catalog

GRADING POLICY

FIVE BOOKWORKS (20 POINTS EACH) = 100 POINTS

FIVE TEST REVIEWS (16 POINTS EACH) = 80 POINTS

CLASS PARTICIPATION (20 POINTS) =

* Daily participation in the Class Activity is earned at a rate of **0.5 POINTS PER DAY** for 40 days

FIVE TESTS (100 POINTS EACH) = 500 POINTS

FINAL EXAM COUNTED TWICE = 200 POINTS

Total possible points are Nine-Hundred (900).

89.5-100 A

79.5-89.5 B

69.5-79.5 C

59.5-69.5 D

0-59.5 F

PARTICIPATION POLICY and CLASSROOM POLICES

Bookwork will be assigned over every section covered in lecture and must be **attempted** prior to the next class meeting. The students may ask for clarification of any bookwork problems, or review problems during OFFICE HOURS or in the Academic Success Center (Stevens Hall 104) during their scheduled hours. We will have 4 TEST REVIEWS, 4 TESTS and a FINAL. Test problems will be similar to those assigned for bookwork/review, and therefore, it will be difficult to achieve a passing grade without completing the bookwork and test reviews. The bookwork and test reviews will count for a grade. In grading, I am as interested in your work as in your answers, so show as much work as reasonable, and do not just give the answers.

CLASSROOM POLICIES:

This class will be conducted under the regulations defined in the Williston State College Student Handbook.

1. The students are expected to **ATTEND ALL CLASSES**. If you miss a class, it is your responsibility to find out what work you missed and you are responsible for that material. You may get help from me during my OFFICE HOURS in person or by phone, by text, by email, or by appointment.
2. **CELL PHONES MUST BE OFF** or on SILENT MODE. You must NEVER answer your phone in class or send text messages to ANY party DURING CLASS.
3. **CLASS STARTS AT 2 PM SHARP!** and will end at 2:50 PM in STEVENS 206 on Mondays, Tuesdays, Wednesdays, and Thursdays.
4. Any constant and persistent talking while the instructor or another student is lecturing and/or speaking will result in (1) a warning and then (2) your dismissal from the classroom.
5. **CHEATING IS WRONG!** We will strive for academic honesty in our work and turn in homework we have completed on our own. You may discuss problems and procedures; however, any assignment handed in for grading should contain only those problems you have completed and have a thorough understanding.

DISABILITY STATEMENT

Any student who has a disability that may prevent the full demonstration of his or her ability in this class should contact the Disability Support Services to visit about the appropriate accommodations available to ensure your participation in Williston State College educational opportunities.

LATE DATE TO DROP WITHOUT TRANSCRIPT	LAST DATE TO WITHDRAW
August 29, 2012	November 9, 2012

Course Calendar	
Day/Week	SCOPE & SEQUENCE OF COURSE (Schedule is subject to change.) Instruction Includes
8/21/2012	Syllabus
8/22/2012	Sec P.1 Pg. 8 #1-4, 5-14 comment on graphs,15,17,29-57ODDS,63,65,79-81,83-86
8/23/2012	Sec P.2 Pg. 16 #1-6,7,9,15,20,25,29,46,47,51-54,60,61,63,67,71,83,86,99,100
8/27/2012	Sec P.3 Pg. 27 #1,2,7,9,13,20,21,27,35,49-54,61,63,67-72,91,93,94,97,99-102
8/28/2012	Sec P.4 Pg. 34 #1-4,5,6,11,17
8/29/2012	Sec 1.1 Pg. 47 #1,4,5,6,7,8,9
8/30/2012	Sec 1.1
9/3/2012	Sec 1.2 Pg. 54 #1-9,11,15,18,19,23,24,26,29,35,38,39,41,43,49,51,53,55,56,71-77
9/4/2012	Sec 1.2
9/5/2012	Sec 1.3 Pg. 67 #1,5,13,18,21,24,31,33,35,37,43,49-63 ODDS,65-75 ODDS,76,79,85-88,89,117-122,124
9/6/2012	Sec 1.4 Pg. 78 #1-17,27,35,39,43,47,49,51,63,79,91,99-102
9/10/2012	Sec 1.4
9/11/2012	Sec 1.5 Pg. 88 #1,4,5,8,15,24,25,29,31,33,35,37,43,53,55,70,3-76,78,81
9/12/2012	Sec 1.5
9/13/2012	Test One Review
9/17/2012	Test One
9/18/2012	Sec 2.1 Pg. 103 #1,3,5,14,17,18,19,21,22,23,24,25,26,29,33,53,61,73,101-104
9/19/2012	Sec 2.2 Pg. 115 #1,5,7,11,13,15,19,25,31,34,37,39,41,43,47,49,55,59,60,65,97,115
9/20/2012	Sec 2.3 Pg. 126 #1,3,7,9,11,13,15,17,19,21,25,29,33,35,39,41,43,51,63,67,69 71,71,93,95,102,103,104,131-136
9/24/2012	Sec 2.4 Pg. 137 #7-31,45,49,57,61,67,70,71,88,89,90,91,95,98,100,130-132

9/25/2012	Sec 2.5 Pg. 146 #1,3,5,7,17,21,22,29-40
9/26/2012	Sec 2.6 Pg. 154 #1,3,11,13,16,18,19,25
9/27/2012	Test Two Review
10/1/2012	Test Two Review
10/2/2012	Test Two
10/3/2012	Sec 3.1 Pg. 169 # 1,2,3,5,7-10,11,13,15,17,20,23,25,31,33,35,37,41,49,51,55-60, 62,63,65-70
10/4/2012	Sec 3.2 Pg. 176 # 1,3,5,7,9,10,13,15,17,19,20,27,29,31,33,35,37,39,43,45,47,49,51☺, 53,77-80
10/8/2012	Sec 3.3 Pg. 186 # 1,3,5,8,10,11,13,15,17-39odds,43-49odds,51,53,55,57,59-64,66,67, 68,69,70,99-103
10/9/2012	Sec 3.4 Pg. 195 # 1-4,5-17odds,19,22,25,29,31,34,37,41,47,51,61,62,63,64,65,70, 81,83,85,91-94
10/10/2012	Sec 3.5 Pg. 205 # 1-6,7,9,13,15,17,19-37,43,45,59,61,65,67,71,73,107,108
10/11/2012	Sec 3.6 Pg. 215 # 1-4,5,7,19,21,27,31,37,41,45,61,63,64
10/15/2012	Sec 3.7 Pg. 223 # 1,2,3,6,9,13,17,21,22,23,25,26,29,54
10/16/2012	Sec 3.8 Pg. 233 # 1,7,15,21,23,41-44
10/17/2012	Sec 3.9 Pg. 240 # 1,2,5,7,9,11,15,17,21,23,53-56
10/18/2012	Test Three Review
10/22/2012	Test Three Review
10/23/2012	Sec 4.1 Pg. 255 # 1,5,11,15-43odds,49,51,55,57,63,64,90-95
10/24/2012	Sec 4.2 Pg. 267 # 1,3,7,11,19,21,27-31odds,33,37,39,41,43,49,51,57-35odds,87-89
10/25/2012	Test Three
10/29/2012	Sec 4.2 continued
10/30/2012	Sec 4.3 Pg. 278 # 1,3,5,7,9,13-21odds,23-31odds,35,39,42,43,47,57,65-70
10/31/2012	Sec 4.4 Pg. 293 # 5-37odds,39,43,51,54,55,56,75-85odds,113,114
11/1/2012	Sec 4.5 Pg. 306 # 11-33odds,47-57odds,67,71,91,93,129-134
11/5/2012	Sec 4.6 Pg. 316 # 1-19odds

11/6/2012	Test Four Review
11/7/2012	Test Four
11/8/2012	Sec 5.1 Pg. 331 # 3,7-10,11,13,15,19,25,34,37,43,47,53,61,63,65,77,83,89,91,111-114 Sec 5.2 Pg. 340 # 1-39odds,43,49,53,59,74,77,105-108
11/12/2012	No Class: Veteran's Day
11/13/2012	Sec 5.3 Pg. 349 #1,4,8,9-12,13,15,17,23,27,29,30,33,35,36,41-51odds,59,61,67,71,73,101-104
11/14/2012	Sec 5.4 Pg. 358 # 1-9odds,17-21odds,29,37,39-57odds,61,65,69,73,75,79,80,81,83,87,99-125odds,
11/15/2012	sec 5.5 pg. 368#1,5,9,11,13,15-18,19,24,25,31,41,43,47,55,59,67-70,75,77,81,121-126
11/19/2012	Sec 5.6 Pg. 379 # 3,4,5-12,17,19,21-26,27-34,37,40,43-51,63,65,73,77,81,91-96
11/20/2012	Sec 5.7 Pg. 387 # 1,5,7,9,21,23,25-37,39,41,47,71,73,77,83-86
11/21/2012	Sec 5.8 Pg. 398 # 7-15odds,19-29odds,45,47,59,61,63,65,67,69,79-85odds Take Home Test Five
11/22/2012	No Class: Happy Thanksgiving.
11/26/2012	Take Home Test Five Due
11/27/2012	Sec 6.1 Pg. 411 # 1,5,9,13,16,17,21,27,41,43,89-92
11/28/2012	Sec 6.2 Pg. 420 # 1-9odds,64,75-78
11/29/2012	Sec 6.3 Pg. 431 # 1-13,15,16,25,29,31,39,91-94
12/3/2012	Sec 6.4 Pg. 440 # 1,3,7,9,11,19,43-46,71,72
12/4/2012	Final Review
12/5/2012	Final Review
12/6/2012	Final Review
12/10/2012	Final Exam 2pm-4pm