

<u>Instructor</u>	Dusty Wilson
<u>Office</u>	29-341
<u>Phone</u>	206-592-3338
<u>Fax</u>	206-870-3763
<u>Office Hours</u>	8 – 8:50am M-Th and 10-10:50 Th. The Thursday 10 am hour is in the MRC. I am also available by appointment or you are always free to drop by.
<u>home page</u>	http://people.highline.edu/dwilson/
<u>MyLabsPlus</u>	https://mylabsplus.highline.edu/
<u>e-mail</u>	dwilson@highline.edu
<u>facebook</u>	facebook.com/dustywwilson

Course Description: Differential Calculus. Topics include limits and derivatives, with an emphasis on the calculation and application of derivatives for algebraic, trigonometric, exponential, and logarithmic functions. Concludes with an introduction to antiderivatives.

Course Objectives: *The student will be able to ...*

- Evaluate limits and determine the continuity of a function
- Apply the definition of the derivative to calculate derivatives
- Graph functions using calculus
- Determine derivatives using the derivative formulas
- Solve optimization, related rates, and other applications
- Find elementary antiderivatives

Text: *Calculus, Early Transcendentals (8th ed.)*, by James Stewart.

Prerequisite: Math 142 with a minimum grade of 2.0.

Calculators: A graphing calculator is required for this course.

- The TI-84 family of calculators is recommended. The use of symbolic calculators such as the TI-89 or nSpire CAS will not be allowed during exams. Furthermore, the use of all calculators may be prohibited during some exams (forewarning will be given).
- Calculators may be rented through the library on a first come first serve basis.
- You will need to remove calculator covers during exams and I retain the right to check the memory of your calculator during exams.

Homework: The format and grading criteria for homework is as follows.

- Enhanced Web Assign:** Graded homework will be administered online thru EWA. The website is: <https://www.webassign.net/login.html>. Click “I HAVE A CLASS KEY”
EWA Class Key: highline.cc.wa 5213 1329 (You can try it out for two weeks).
- Many submissions:** You may make up to five submissions on most problems.
- Bonus:** A 5% bonus on correct individual problems submitted 24 hours prior to the deadline.
- Review Assignments:** There are long review assignments intended to help you prepare for the exams. These are at least 4x times longer than the in-class exams. They may be completed for extra credit.

Quizzes: Short quizzes will be given at the beginning of class based upon homework, recent lectures, or other topics as outlined in class. As announced in class, other miscellaneous assignments may be included in this category. These cannot be made up. The lowest two scores will be dropped.

Tests: There will be midterm exams given during the quarter.

- i. The exams will be cumulative, but will emphasize the material covered since the last test.
- ii. If you miss a test, a score of 0% will be assigned. All tests must be taken during the scheduled class time. *No make-up tests.*
- iii. Spoken and written communication as well as sharing of calculators during exams is prohibited.

Final Exam: A comprehensive final exam will be held in the regular class meeting room. See the quarterly class schedule for dates and times. The final exam is mandatory and a grade of 0.0 may be assigned at the instructor's discretion to those who fail to take the final exam.

Grading: Homework: 8%, Quizzes: 2%, Tests: 60%, Final Exam: 30%.

95-100%	4.0	%%%	GPA	%%%	GPA		%%%	GPA	%%%	GPA
93-4%	3.9	82%	3.2	75%	2.5		68%	1.8	61%	1.1
91-2%	3.8	81%	3.1	74%	2.4		67%	1.7	60%	1.0
89-90%	3.7	80%	3.0	73%	2.3		66%	1.6	59%	0.9
87-8%	3.6	79%	2.9	72%	2.2		65%	1.5	58%	0.8
85-6%	3.5	78%	2.8	71%	2.1		64%	1.4	57%	0.7
84%	3.4	77%	2.7	70%	2.0		63%	1.3	0-56%	0.0
83%	3.3	76%	2.6	69%	1.9		62%	1.2		

Policies and Notes:

- i. **Attendance:** You are responsible for all material covered in class including all announced changes to the schedule and assigned course work. (If you miss class, *you* are still responsible for everything in class).
- ii. **Devices:** The use of non-human smart gadgets in class is discouraged (except when requested).
- iii. **Math Resource Center:** Cost-free mathematics tutoring is available at the MRC. The MRC is located in on the 6th floor of Bldg 25.
- iv. **Faculty Advising:** Highline College instructors are a wonderful resource for students at any stage of the academic process. Many Highline instructors have career experience, are knowledgeable about campus resources, and can assist students in reaching their educational goals through degree planning. If you have an advising question, feel free to approach your instructor. If your instructor cannot answer your question, s/he will help you find someone who can.
- v. **Academic Dishonesty:** Academic dishonesty includes, but is not limited to, cheating, plagiarism, fabrication, collusion or academic misconduct. Academic dishonesty of any kind will result in penalty up to and including failure of the assignment(s) in question and possible disciplinary action from the institution. If I have reason to believe that you engaged in academic dishonesty, I may make a report to the Office of Student Conduct after speaking with you about the situation. Students who have more than one alleged report of academic dishonesty during their time at Highline College may be required to meet with a Conduct Officer for a student conduct hearing and have sanctions imposed. It is both your right and responsibility to be familiar with the document entitled the Student Conduct Code WAC 1321-125 is available at <http://apps.leg.wa.gov/WAC/default.aspx?dispo=true&cite=1321>.
- vi. **Special Concerns:** If you have any special concerns about this class, please talk to me personally in my office. The more I know about you individually, the more I can help you be successful in this course. If you need course adaptations or accommodations because of dis-Ability; if you have emergency medical information to share with me; or if you need special arrangements in case the building must be evacuated, please provide me with the Letter of Accommodation you

- have received from the Office of Access Services. Access Services is located in Building 99 in the Student Development Center.
- vii. **Emergency Procedures:** In the event of an emergency, follow your instructor's directions. If you are told to evacuate the building, take your valuables because you may not be allowed to re-enter. Do not leave campus until your instructor or another campus official tells you to do so. If you may need assistance evacuating, notify your instructor today. To prepare yourself for an emergency, review the evacuation map on the last page of the emergency placard in your classroom and subscribe to HC Alert at <https://hctextalerts.highline.edu/>).
 - viii. **Final Exams:** Your completed final exam will not be returned to you. However, you may (and should) review your final exam by stopping by the instructor's office the next quarter.
 - ix. **School Policies:**
 - i. The Student Rights and Responsibilities Code: A legal document that describes college expectations, students' rights, and outlines the process for resolving disciplinary matters and Code violations. <http://studentservices.highline.edu/srr.php>
 - ii. The College Catalog: Lots of fine print about grades, deadlines, and resources can be found in the catalog at: <http://catalog.highline.edu/>
 - iii. Links to a summary of resources and policies are on my website.
 - x. **Important Dates (dates should be verified online):**
 - i. April 6th: Last Day for 100% Tuition Refund
 - ii. April 20th: The last day to drop without incurring a "W"
 - iii. May 25th: The last day to officially withdraw with a "W"
 - iv. May 29th: Financial Aid Applications for Fall Quarter are due. For more information about Financial Aid, see <https://financialaid.highline.edu/>