HIGHLINE COLLEGE

Winter 2018
8 am   **Math 098: Intermediate**   **17-107**
Meets daily   **Algebra for Calculus**   **Item #6393**

Instructor	Dusty Wilson
Office	29-341
Phone	206-592-3338
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Office Hours	9 – 9:50am M, T, W, and Th and 10-10:50 Th. The Thursday 9 am hour is in the MRC. I am also available by appointment or you are always free to drop by.
home page	http://people.highline.edu/dwilson/
MyLabsPlus	https://mylabsplus.highline.edu/
e-mail	dwilson@highline.edu
facebook	facebook.com/dustywwilson

Course Content: This course will expose students to a variety of algebraic techniques and functions that will prepare them for calculus. Focus will be placed on quadratic, rational, and radical functions with emphasis on algebraic techniques used to combine and simplify them. Techniques will include factoring, simplifying (adding/subtracting/multiplying/dividing) polynomials, rational and radical expressions, and relationships between equations and their respective functions and graphs.

Student Learning Objectives: *The student will be able to …*

- Apply mathematical operations to simplify a variety of mathematical expressions including polynomials, rational, and radical expressions.
- Apply mathematical operations to solve a variety of mathematical equations including polynomials, rational, and radical equations.
- Successfully construct a sign chart for a variety of functions, specifically polynomial and rational, and discuss their relationship to inequalities and graphs.
- Examine key features of important function families-quadratic, rational, and radical functions.

- Recognize, describe, and analyze functional relationships presented symbolically, tabular, graphically and verbally.
- Effectively use graphing calculators to describe and model functions.
- Model situations and relationships using polynomial functions.
- Communicate, summarize, and interpret mathematical ideas in written and verbal form.

Text: *Intermediate Algebra: Graphs and Models* (**4rd ed**.), by Bittinger, Ellenbogen, and Johnson.

Prerequisite: Math 091 with a minimum grade of 2.0 or a MMT Algebra Core score of at least 77.

Calculators: A graphing calculator is required for this course.
i.   The TI-84 family of calculators is recommended. The use of symbolic calculators such as the TI-89 will not be allowed during exams. Furthermore, the use of all calculators may be prohibited during some exams (forewarning will be given).
ii.   Calculators may be rented from the math department on a first come first serve basis.

Homework: The format and grading criteria for homework is as follows.
i.   **MyLabsPlus:** Graded homework will be administered online thru MLP. The website is: https://mylabsplus.highline.edu/

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*. In the case of documented emergencies, please talk to me.
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. 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. In the case of documented emergencies, please talk to me.

Grading: Homework: 8%, Quizzes: 2%, Midterm Tests: 60%, and 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=132I.

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. January 12th: Last Day for 100% Tuition Refund
    ii. August 31st: Financial Aid Applications for Summer Quarter are due February 22nd. For more information about Financial Aid, see https://financialaid.highline.edu/
    iii. January 29th: The last day to drop without incurring a "W"
    iv. February 13th: The beginning of registration for Winter Quarter
    v. March 9th: The last day to officially withdraw with a "W"

Math 098 – First Day Tasks

- Read the **Syllabus** completely.

- Organize **your notes** by three-hole punching them and placing them in a three ring binder.

- Watch the **2.1 video** from 0:00 to 5:56. It is on my website: https://people.highline.edu/dwilson/ then click "Math 098" -> "Topics of Study" -> "2.1 - Functions: Is it a Function?"

- **myHC**: Activate your myHC account if you have not already done so. (The username and password for this account are what you use to access Canvas and your Highline email account.)
  - For new students, your admissions packet from Highline should include a letter with your "personal activation code;" which you can use at: https://myinfo.highline.edu/activate/.

- **MyLabsPlus** (MLP): Once you have your myHC account, log into the online site for the math course, at https://mylabsplus.highline.edu. Log in using your myHC username and password. You should see a link to our Math 098 class listed.
  - You MUST use the web address above to access the site – you CANNOT access the class through Canvas or the website printed on the student access kit.
  - If you are registered for the class but cannot log in, let Dusty know immediately.

- **Highline Email**: Log into your Highline student email account at https://students.highline.edu/ to make sure it works, and if you have another email account you use regularly, set the Highline account to forward email to your preferred account.
  - Information about how to forward email is available at https://helpdesk.highline.edu/studentemail_forward.php

- **Textbook & MyLabsPlus Access**: Purchase access to the online homework and a version of the textbook. Your choices are described below.
  - If you want the access code and a physical book to read and use for note taking, go to the Highline bookstore and get the item labeled "INTERMEDIATE ALGEBRA W/MLP (CUSTOM BOOK) BUNDLE" for ~$140.
  - If you want the access code and the eBook (no physical book, and you learn well from on-screen documents) you can go to the Highline bookstore and get the "MML Standalone Access Kit" for ~$126, OR you can log into your MyLabsPlus account and try to view the textbook or do online homework, then pay when asked for an access code.
  - Temporary Access: You have the option of three weeks temporary access. Click on Temporary Access on the left side of the screen and follow the directions. If you choose to use the temporary access, you MUST buy your access code from the bookstore (with the custom book or standalone code) and submit it before the deadline stated. You do not have the option of purchasing access online if you use the Temporary Access.
  - With temporary access, everyone can begin their homework☺.

- The textbook for the class is a NEW, CUSTOM textbook that is not used anywhere else. You must purchase it at the bookstore. Even if you get a copy of the book from a Highline student, you will still need to purchase the access code.

- Once you are in MLP, you complete the **Intro assignment**. Good Work!