MATH 1150: COLLEGE ALGEBRA Sections 52: ONLINE – D2L – MATHXL – HIGHSPEED INTERNET

ALL BLUE <u>UNDERLINED</u> TEXTS ARE LINKS! Clickable.

Instructor:Mr. Cody TabbertOffice:Online – Not on CampusPhone:Google Voice: 612-486-CODY (612-486-2639)
Calls DIRECTLY to my cell phone.
Use this if you really need to talk to me.
Email is preferred and discussion board for questions.



Best way to contact me is via email:

Email: cody.tabbert@nhcc.edu or codytabbert@gmail.com

When sending an email the <u>SUBJECT LINE</u> needs to have: Your <u>FULL NAME</u> and the <u>CLASS</u> you are in. If you email me and I do not respond within 24 hours, email me again! You should always try and email from your student account.

 Skype:
 CodyTabbert
 http://skype.com
 (it's free)

 (If you add me, please tell me your name and class in the message part. You can contact me anytime I'm online. Just message me to see if I'm there!)

 Website for Homework:
 http://mathxl.com

You will NEED to have a MathXL account set up for this class. You can purchase a code online or in the bookstore. Some NEW books will come with a free code make sure before you buy the book.

COURSE ID: <u>XL0Y-B1FT-501Y-0PW2</u>

← 0 are Zeros

*If you already have a MathXL account from last semester, they are valid for **ONE YEAR** from start date. You just have to log in with your username and ENROLL in the course with Course ID. **You NEED To be signed up for MathXL within the first week of class – or you may be dropped!**

How to Register for MathXL – Video on how to Register for MathXL How to Enroll in the Course – Video on Enrolling in the course If you prefer to read how to Enroll/Register – PDF Version of how to Sign up and Enroll

Office Hours:

Monday 9AM – 3PM - I am available online and or via phone. This is a time that you can get ahold of me via phone if you need to. If you do not get me, please leave a message. It will email me your voicemail and I will get back to you as soon as I can.

I am online quite often and active during discussion many days of the week. You will also find me on SKYPE daily and I am able to take phone calls on other days as well. Please feel free to contact me most days between the hours of 9:00AM - 9:00PM. If you send me an email and I do not respond within 24 hours, please send again and/or call me something must have happened to the email.

Remember that How To Math Questions, should be asked in discussion. I like answering them there, as many students have the SAME questions.

Text: **OPTIONAL**: Precalculus with Modeling & Visualization, 4th Edition, Gary Rockswold

ISBN-13: 9780321568007

Link to Amazon with Book - Click Here

Link to Book Finder with Book - Click Here



THE TEXT IS AVAILABLE <u>THROUGH MATHXL</u> FOR FREE. THIS IS FOR THE PEOPLE WHO LIKE TO HAVE A BOOK IN HAND TO READ THROUGH AND STUDY FROM. CLICK HERE TO VIEW VIDEO ON HOW TO ACCESS THE BOOK THROUGH MATHXL.

Calculator:

A scientific *or* graphing calculator is required for this course. I will demonstrate a TI-83 in class/online. You are to learn how your calculator works on your own. I will answer general questions about them. You may rent a TI-83 from the Math Department – See Sue Swenson in CLA 215. You may only use a non-algebraic <u>calculator</u> for the exams – no phones as a calculator! CAS calculators banned. If you have a question on whether you can use your calculator ask me. The testing center will not let you use a calculator that is not on my list of ok to use. I recommend the TI-83 or TI84.

FREE TI-84+ Emulator Version for the Computer:

It may be beneficial for you to download this <u>FREE emulator</u> so that you can use a TI Calculator right on your computer! <u>Click this link and watch the video to quickly download and start using a computer version of the TI-84 for free.</u> Cannot use on test however.

You will need this link to download the calculator: http://wabbit.codeplex.com/releases/view/44625

<u>Questions</u>?

Please post questions that come up in the appropriate forum on the D2L discussion board! Have questions on the syllabus? Post it there! Have questions on MathXL? Post it there! Please post your question with an appropriate subject so that other people having similar problems can find the answer. Click here for a video on how to post a question in D2L.

Course Description:

This college-level course continues the study of algebra conducted in the developmental algebra courses. Topics include polynomial, rational, inverse, exponential, and logarithmic functions and their applications. Additional topics include systems of non-linear equations, systems of linear equations, and matrices.

Course Outcomes:

Upon successful completion of this course, students should be able to:

- 1. Find real and complex zeros of polynomials (MnTC Goal 4: a);
- 2. Solve exponential and logarithmic equations (G4: b, c);
- 3. Solve applied problems using polynomial and rational functions (G4: b, d; Goal 2: a, b, c);
- 4. Solve applied problems using exponential and logarithmic functions (G4: b, d; G2: a, b, c); and
- 5. Solve systems of linear equations (G4: b, c; G2: a, b, c

<u>Online Discussion:</u> 5% of your final grade (5 points)

You be required to post into discussion each week. Communication is key to learning mathematics. Each week you will have to make at least one post in the graded forum. <u>Video – Post Questions</u>

The purpose of discussion is to have an opportunity for you to ask questions, interact with students, and to <u>write mathematics</u>. This last point is important. This is my only chance to see how you show your work and explain what you are doing. One post is not a lot!

Rubric for Grading Discussion Posts				
Requirements	Grades			
Post at least once during the week based on the following:	Grading Structure	5		
1. Ask a question from the homework, explaining what you already know.	Grading Structure	points		
2. Choose a homework Problem or one given and show all work and		5/5		
explain the steps.	Post at least once	0,0		
3. Help out another student by answering his/her question.	Did not post	0/5		

<u>Netiquette</u>:

In the virtual classroom, you communicate with your classmates and Instructor primarily in writing through the public course bulletin board, e-mail, and sometimes chat sessions. "Online manners" are generally known as "netiquette." As a general rule, you should adhere to the same classroom conduct that you would "off-line" in a face-to-face course. Some examples of proper netiquette are:

- Avoid writing messages in all capital letters. THIS IS GENERALLY UNDERSTOOD AS SHOUTING.
- Be careful what you put in writing. Even if you are writing an e-mail message to one person, assume that anyone could read it. Though you may send an e-mail to a single person, it is very easy to forward your message to hundreds or thousands of people.
- Grammar and spelling matter. Online courses demand the same standard of academic communication and use of grammar as face-to-face courses.
- Never use profanity in any area of an online course. The transcripts of online course bulletin boards, email, and chat sessions are savable.
- Avoid unkindly public criticism of others. Publicly criticizing others in an inappropriate way is known as "flaming."
- Try and use normal English as communication, not all students are familiar with all of the emoticons and Internet slang such as lol, gtg, and btw.
- In case you are wanting to learn or see Internet Slang and want to know what it is: <u>http://www.internetslang.com/all.asp</u> will help decipher the Internet lingo.

<u>Online Homework:</u> 15% of your final grade (15 points)

This homework is done through MATHXL. Due dates are Monday evening at 11:59PM. You will be allowed *four* attempts on each question, and then it is counted incorrect. The schedule for the homework is posted in the announcement section of D2L. I will drop the 3 lowest scores. (*this will cover forgetting to do the assignment, Internet problems, or just "life" happening.*)

Late Policy: If you do not turn in a homework before Monday at 11:59PM you will lose 50% of the points on the questions that are late. You have until December 17th to turn in Late Homework. After that it is worth no points. You will have to enter the password "**late**" in order to access a late assignment. Watch this video on Late Homework.

<u>Quizzes</u>:

20% of your final grade (20 points)

There will be 1 or 2 quizzes per chapter. It will cover the material from the online homework. Quizzes will be due Monday evening at 11:59PM <u>- Quizzes CANNOT be done late!</u> You will have 2 attempts at each quiz. You must understand you cannot start and stop quizzes. <u>You must complete them once you start</u>. There is a time limit for each quiz. If you do however get knocked off you can still access your quiz during the time limit. I will drop the lowest quiz score. I do not adjust quiz grades for "close answers".

Exams: Each exam is 30% of your final grade – 60% total (60 points)

There will be **TWO** IN PERSON EXAMS. **You must take the midterm and final exam in person on campus or make other arrangements with me or a proctor,** <u>**TWO**</u> <u>**WEEKS BEFORE THE TEST**</u>. The dates to take these exams are listed below:

1. Midterm: Take at <u>Testing Center</u> in Person are: 10/12, 10/15, 10/16, 10/17, 10/22

Note: No School on 10/18 or 10/19 Testing Center is CLOSED

2. Final Exam: Take at <u>Testing Center</u> in Person between 12/07 – 12/20

Both Exams will be taken on the computer in the MathXL testing software. You will have one attempt at each test, so make sure you are prepared. The questions will be similar to the homework and quiz questions that you were working on. THE REVIEW IS VERY IMPORTANT AS WELL AS THE MOCK TEST.

Announcements for Class: Will be posted in D2L. Please SUBSCRIBE to the Announcements. Watch this video on how to Subscribe to Announcements

Learning the Material:

There are several options to learn the material. HIGH SPEED INTERNET IS REQUIRED

- Videos Probably most effective option. These links are in D2L and created by me or linked to a professional video. They are all relatively short videos, maxing out at about 12mins. All of my videos are closed captioned, but there are closed captioned videos from the publisher are available as well. These videos are longer and will cover all of the material in the section. I would recommend watching my videos <u>OR</u> watching the publisher's videos. <u>You can watch both</u>, but you will double up on material. I will use youtube and JING to host my videos and you can change the quality of the video on youtube. <u>Click here for a video on changing the quality of youtube</u>.
- 2. Lecture Notes I have created detailed lecture notes that supplement the videos a lot of times. You can use them with the videos, or you can go through the examples in the notes yourself and complete the problems I ask you to do. Normally I would suggest to watch the videos first and then read through the notes.
- The Book You may read the book to learn the material. You can purchase a used copy with the link provided in this syllabus if you would like or check at the bookstore. You also have access to the book through MathXL. <u>Click here to watch a VIDEO on how to find the book on MATHXL</u>. Then you can either read it directly online, or print pages off and read them.

4. Discussion Board – DISCUSS the problems in the discussion board! You are meant to talk to other students in this class. There will be tough problems where you have NO idea what to do. That's why there is a discussion board. Read every discussion once it is posted so that you do not ask the same question over and over. Post questions with very specific subject lines so that other students and myself know what to expect before reading it. It makes searching the discussion board easier. VIDEO on posting to the discussion board in D2L.

Calculating your Grade:

You can see your up to date grade at any time by clicking Results in MathXL,

then click

Show Overall Score

The grades are weighted as shown above.

If you want to calculate your own score or try and "Guess" what you need, this what you need to do.

You need your average scores from SHOW OVERALL SCORE:

- Percent on Discussions
- Percent on Homework
- Percent on Quizzes
- Percent on Tests

Now find the weight of each by:

(Percent Score as a decimal!) * (Category Weight) = (Points Earned)

Example:

A	VG Grade	* Categ	gory Weight	= Points Earned
Discussion	100%		05	10
Homework	90%		15	13.5
Quiz	90%		20	18
Tests	80%		60	48
		-	+	+
			100 points	84.5 Points
Crada 915	0/ D			

Grade 84.5% B

Grades:

(grades are weighted as shown above)

Letter Grade determined by following scale:

A	90% - 100%
B	80% - 89%
С	70% - 79%
D	60% - 69%
F	< 60%

If there is a discrepancy between a grade in the gradebook (online in MathXL under RESULTS) and what you have on your paper/test, you must notify me within 2 weeks of receiving the paper/test back.

Extra Credit:

I will only give out extra credit for scheduling the Midterm and Final Exam by a specific day that I require. You will see more in the **announcements** about this. This is will be towards your Testing Score. You need to subscribe to the announcements so that you do not miss this.

Online Course Procedures:

Log on to D2L regularly (3 times a week). Read announcements (actually you should Subscribe to them). Post in discussion at least once a week **based on Rubric Requirements**. Read other's posts – they will answer the questions you have and will teach you about the math problems. (*you are required to read EVERY post. So that you know what's going on – I do! You can too* O) Check your email daily. This is an online class and really our only form of communicating! Log into MathXL and complete your homework before the due date.

Statement of Diversity:

The entire class will benefit from the wealth of diversity brought by each individual, so you are asked to extend every courtesy and respect that you in turn would expect form the class.

This college is committed to creating a positive, supportive environment which welcomes diversity of opinions and ideas for students. There will be no tolerance of race discrimination/harassment, sexual discrimination/harassment or discrimination/harassment based on age, disability, ethnicity, creed, national origin, religion, sexual orientation, marital status, status with regard to public assistance or member in a local commission.

LDA Statement:

If you decide to stop attending/participating in class, it is your responsibility to withdraw yourself from class. I have the option to enter a "FN" on your transcript if I determine you are no longer attending/participating in class activities, and/or completing class assignments. After 2 continuous straight weeks of not completing homework I will give you a grade of "FN". If you are having life issues and difficulties (long term illness etc), it is MANDATORY that you contact me ASAP. You NEED To be signed up for MathXL within the first week of class – or you may be dropped!

Attendance/Participation:

You must regularly participate in class or you run the risk of being dropped. It is of the utmost importance to stay in contact with me via email. If I send you an email and ask for something, I expect a timely response just as you expect a timely response from me.

ADA Statement:

Link to Disabilities Services Website

If you need an accommodation due to a disability to enable you to fully participate in this course, contact the College's Disability Access Service Office at 763-493-0555 for assistance.

Cheating / Academic Dishonesty:

- All students are required to follow the standards of conduct set forth in the Student Handbook.
- It is **VERY important** to do your **own homework**.
- If you are caught cheating in any way, you will automatically fail the class.
- You *must* be able to pass the two tests, so doing the homework and learning the material is your only option to succeed in the class.
- If you cheat, <u>you will fail</u>, because you will fail the tests.

Where can I find help!?

- 1. The discussion board! Post your questions there. Video on posting questions on D2L.
- 2. NHCC's Math Resource Center drop in tutoring available. Just stop by and ask questions!
- 3. Peer tutoring on Campus Video for appointments for peer tutoring on campus.
- 4. Online Tutoring <u>Video on how to access online tutoring</u>.
- 5. Me! via email, and online office hours.

Math Resource Center:

located in the back of library for drop in questions! Link to Math Resource Center

Monday-Thursday 8:00am -1:00pm 2:00pm-8:00pm Friday 8:00am-1:00pm 2:00pm-4:00pm Saturday 10:00am-2:00pm

Required Software:

(links to the software below, just click!)

- 1. Screen Capture Program (choose one or a combination of two)
 - a. Windows 7 Snipping Tool <u>Built in find it here Video</u>
 - b. MAC (built in) press: <u>Command Shift 4</u> at the same time <u>See Video here.</u>
 - c. **JING** A cool program to capture video or images, watch overview video.
 - d. WORD 2010 Built in Screen Capture Watch Video Here.
- 2. Web Browser
 - a. **<u>FireFox</u>** Recommended browser.
 - b. Internet Explorer
 - c. Google Chrome
 - d. Safari MAC
- 3. JAVA Updated
- 4. **QuickTime Updated**
- 5. Adobe Flash Updated
- 6. MathXL
- 7. Adobe Acrobat Reader

Right to Change:

I, as the instructor, have the right to fix mistakes and change the syllabus and schedule of the class as I see fit in order to maintain a successful class environment.

Fall 2012 – Schedule

Week	Homework	DUE
Week 1: 08/27 - 09/03	MathXL - Orientation, Syllabus Quiz Discussion HW - Section R4	09/03 - 11:59PM
Week 2: 08/31 - 09/10	Discussion HW - MathXL - Section 1.2 and 1.3	09/10 - 11:59PM
Week 3: 09/07 - 09/17	Quiz 1 - Chapter R and 1 Discussion HW - MathXL - Section 2.1 thru 2.3	09/17 - 11:59PM
Week 4: 09/14 - 09/24	Discussion HW - MathXL - Section 2.4 and 2.5	09/24 - 11:59PM
Week 5: 09/21 - 10/01	Quiz 2 - Chapter 2 Discussion HW - MathXL - Section 3.1 and 3.2	10/01 - 11:59PM
Week 6: 09/28 - 10/08	Discussion HW - MathXL - Section 3.3 and 3.5	10/08 - 11:59PM
Week 7: 10/05 - 10/15	Discussion HW - MathXL - Section 3.4 Quiz 3 - Chapter 3 - REVIEW MIDTERM	10/15 - 11:59PM
Week 8: 10/12 - 10/22	MIDTERM - 10/12, 10/15, 10/16, 10/17, 10/22 (testing center NOT open 10/18-10/19)	10/22 - 4:00PM

Continued on Next Page!

Fall 2012 – Schedule

Week	Homework	DUE
Week 9: 10/19 - 10/29	Discussion HW - MathXL - Section 4.1 - 4.3	10/29 - 11:59PM
Week 10: 10/26 - 11/05	Quiz 4 - Sections 4.1-4.3 Discussion HW - MathXL - Section 4.4 and 4.5	11/05 - 11:59PM
Week 11: 11/02 - 11/12	Discussion HW - MathXL - Section 4.6 Quiz 5 - Chapter 4	11/12- 11:59PM
Week 12: 11/09 - 11/19	Discussion HW - MathXL - Section 5.1 and 5.2	11/19 - 11:59PM
Week 13: 11/16 - 11/26	Quiz 6 - Sections 5.1 and 5.2 Discussion HW - MathXL - Section 5.3 and 5.4	11/26 - 11:59PM
Week 14: 11/23 - 12/03	Quiz 7 - Sections 5.3 and 5.4 Discussion HW - MathXL - Section 5.5 and 5.6	12/03 - 11:59PM
Week 15: 11/30 - 12/10	Quiz 8 - Chapter 5 (REVIEW FINAL) Discussion HW - MathXL - Section 9.1 and 9.3	12/10 - 11:59PM
Week 16: 12/07 - 12/17	Review Start Taking Final Exam 12/07 - Whenever Ready	12/17 - 11:59PM
Week 17: 12/14 - 12/20	Final Exam	12/20 - 4:00PM
Week 16/17: 12/07 - 12/20	Final Exam	12/20 - 4:00PM

Checklist on What to do First! (remember all <u>Underlined Blue Text</u> are links to sites or videos)

- □ Have **HIGH SPEED** Internet access
- **READ SYALLBUS COMPLETELY**
- □ Update Required Computer software
 - o <u>JAVA</u>
 - o <u>QUICKTIME</u>
 - o ADOBE FLASH
- \Box Sign up for <u>MathXL</u> and enroll in the class
 - O COURSE ID: XL0Y-B1FT-501Y-0PW2 ← 0 are Zeros
- □ Sign up for <u>JING</u> if you want to. <u>Video on JING</u>.
- □ Decide whether you want to purchase the book or not (*not required*)
- \Box Log in to D2L and read announcements! ASAP!
 - Subscribe to Announcements <u>Video</u>
- □ Update Profile on D2L with correct email address <u>Video</u>
- □ Complete first assignments
 - Complete Orientation and Syllabus Quiz (MathXL)
 - o Section: R4 (MathXL)
 - Post in Discussion!
- □ QUESTIONS? PLEASE POST IN DISCUSSION BOARD!