

Course ID: smith44789
CASPER COLLEGE COURSE SYLLABUS
MATH 0930, Section N1, Intermediate Algebra
FALL 2015

INSTRUCTOR: DR. BARRY SMITH E-MAIL: bsmith@caspercollege.edu

PHONE: 307-251-2029 (Home Office)

OFFICE: PS126

OFFICE HOURS: By Appointment.

DAYS: Internet Course

Credit Hours: 4

COURSE DESCRIPTION: (From the Casper College Catalog) Intermediate Algebra: The study of rational equations, radical equations, quadratic equations, exponential equations, and logarithmic equations. Includes numerous applications of these equations and the study of graphing.

PREREQUISITES: ACT math score of 21 or better, or a COMPASS score within the past year, in the Algebra domain 40 – 65, or a C or better in MATH 0920 or 0924.

REQUIRED TEXTS and MATERIALS: Beginning and Intermediate Algebra by Lial, Miller and Hornsby 5th Edition **with** MyMathLab code for work online. You may get the online only version at pearsonmylabandmastering.com and use the online book.

GENERAL OUTCOMES: The purpose of this course is to provide you with the skills necessary to successfully complete future college level mathematics courses. The course will emphasize problem solving skills, technology and communications in mathematics.

SPECIFIC OUTCOMES: Students who successfully complete this course will:

1. Be able to simplify, add, subtract, multiply, and divide rational expressions and solve rational equations and applications.
2. Be able to simplify rational exponent expression and solve radical equations.
3. Be able to solve quadratic equations and applications, and graph quadratic functions.
4. Be able to use function notation and find inverse functions.
5. Be able to convert between exponential and logarithmic notation.

Outcomes: Casper College General Education Outcomes

1. Demonstrate effective oral and written communication.
2. Use the scientific method.
3. Solve problems using critical thinking and creativity.
4. Demonstrate knowledge of diverse cultures and historical perspectives.
5. Appreciate aesthetic and creative activities.
6. Use appropriate technology and information to conduct research.

7. Describe the value of personal, civic, and social responsibilities.
8. Use quantitative analytical skills to evaluate and process numerical data.

METHODOLOGY: Due to the nature of summer courses being only eight weeks, the format of this class will be set up as follows. All assignments, less the review for the exams and exams, will be open from day one and will not close until the last day of the semester. The reviews will be open from day one, but close the same day as the exam. The exams will only be open during the schedule time period located in the calendar for the semester which can be found in Moodle. This calendar will be the ideal way to complete assignments each week in MyMathLab (MML). The assignments will consist of watching videos followed by homework sets then quizzes and finally exam reviews and exams. You will also have a graded discussion forum in Moodle that you will need to post to each week as well. See the attendance policy below for specific details on the forum posting. We will also have a forum for answering questions that students have each week as well. If you have no questions you do not have to post there, but if you do then please post the questions and we will discuss them as a class.

EVALUATION CRITERIA: We will cover chapters 6, 7, 9 - 12 in the book this semester with homework (including watching videos), quizzes and an exam for each chapter, a midterm (chapters 6, 7 and 9) and then a cumulative final exam. All homework, quizzes and exams will be performed online for this course via the online MyMathLab software. Scores on homework, quizzes, attendance via discussion forums, chapter exams, midterm and a CUMULATIVE final exam will determine your grade in this course.

NOTE: If you feel you have the correct answers on any assignment that you have turned in that was counted wrong, please let me know and I will check them and give you points if you are correct.

- You will cover roughly one section per day of the textbook, sometimes more. It will be done online in MML and will need to be completed within the allotted timeframe given online. You may work each problem in the homework set as many times as necessary until you get it correct, although after the 3rd try MML will make you start on a new problem that is similar to the first one. Although not required it would be best to get at least an 80% on homework assignments if not a 100% since you can work them an unlimited amount of times and there are online help features in MML, there is the Smarthinking online tutoring found in Moodle, plus the Math Learning Center PS104 that can help you.
- The quiz usually covers the two prior homework sections and may be taken three times with the highest grade counting. It differs from the homework in that it must be completed as a whole each time and will not be graded until you are finished and submit it. You also do not get the help features that the homework has available.
- After you have completed all of the homework and quizzes for the chapter, there will be a chapter review. This will be a good study guide for the actual exam and

should be taken seriously as you will get three attempts with the highest grade counting.

- The Chapter Exam may be attempted one time and is to be done within the time frame that is given. The big difference for Chapter Exams is that they must be taken in the Academic Testing Center located in the Thorson Institute of Business – BU120. Information on the ATC can be found on the last page of the syllabus. **The big thing to note here is that you must make an appointment at least 24 hours prior to taking the exams.** You will have roughly 10 school days to take the chapter exams and five school days for the midterm and final with even more to sign up to take it, so there should be no excuses as to not being able to take each exam. ***It would be smart to set up all of your appointments the first week of school so you can get the days/times you want, including the final!***
- **If you are from outside of Casper please contact me ASAP to set up a place where you can take the exam!**
- When we are finished with chapters 6, 7 and 9 there will be a midterm review online that you can take three times with the highest grade counting. The actual midterm exam must be taken at the ATC just like the chapter exams. NOTE: The review is harder and longer than the actual exam.
- At the end of the semester there will be a cumulative final review and you have three tries with the highest grade counting. There will then be the final for the course which you will take during finals week in the ATC. NOTE: The review is harder and longer than the actual exam.
- **November 12th - Withdrawal Deadline – Deadline to withdraw from a class or for a Complete Withdrawal**

Scores on homework, quizzes, participation/attendance, chapter exams and the final exam will determine your grade in this course with **HW = 10%, Quizzes = 20%, Exams(including midterm and final) = 60% and Attendance = 10%** with the normal grading scale ($\geq 90\%$ A, $80 - < 90\%$ B, $70 - < 80\%$ C, $60 - < 70\%$ D, $< 60\%$ F).

*** Please refer to the Casper College catalog regarding other options, including but not limited to Incomplete, Withdrawal, and Faculty Initiated Withdrawal Procedure.**

CLASS POLICIES:

Attendance: You will need to make **at least three** postings each week in the discussion forum found in Moodle. **The first post (your initial response to the question for the week) must be done prior to Wednesday at midnight each week and then two more postings (another response and replies to other students) on different days at midnight.** This is the minimum you must post but you may post as often as you like to keep the discussion going. The below should not affect you as this is an online course where you can access it at any time of day or night and anywhere in the world there is internet connections.

According to the Casper College catalog, “If a student cannot attend a class for two or more class meetings, the student should contact the dean of students to explain the

circumstances. The dean will notify all instructors concerned. When field trips, athletic trips, and other trips occur, the faculty sponsor or coach provides the dean of students a list of the participants at least three days before the group's scheduled departure from the campus so that all instructors concerned may be notified. In all cases, the authority to excuse absences rests with the instructors concerned."

Class Behavior: You need to be responsible while in the online classroom and discussions. Do not use derogatory language, tell jokes that could be considered offensive or be mean in any way. You need to respect your fellow classmates and practice netiquette at all times when posting in the classroom. If you do not know what netiquette means it will be a great learning opportunity for you to look it up online.

STUDENT RIGHTS AND RESPONSIBILITIES: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Academic Dishonesty: Cheating & Plagiarism: Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct.

ADA Accommodations Policy: It is the policy of Casper College to provide appropriate accommodations to any student with a documented disability. If you have a need for accommodation in this course, please make an appointment with our Accommodative Services Counselor at 268-2557.

Chain of Command: If you have any problems with this class, you should first contact the instructor in order to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take your problem through the appropriate chain of command starting with the department head, then the division chair, and lastly the vice president for academic affairs.

CASPER COLLEGE
Academic Testing Center

Harry T. Thorson Institute of Business **BU 120**
testing@caspercollege.edu 307-268-3850
<http://www.caspercollege.edu/testing>



Fall 2015 hours

August 24 – December 17 (Dec 18 open 11-3)

Please note closures listed below.

OPEN (Closed for lunch 12:30 – 1:00 daily)

Mondays 8:30 am - 4:00 pm

Tuesdays 8:30 am - 4:00 pm

Wednesdays 8:30 am - 4:00 pm

Thursdays 8:30 am - 7:00 pm

Fridays 8:30 am - 3:00 pm

General Testing - *Begins 30 minutes after opening. (9:00 am)*

Monday through Friday

Certification Testing

(CLEP, GED, WorkKeys, Pearson Vue, Castle Worldwide, NCCT, PSI, and PSI LaserGrade)

Mondays 9-1 & Thursdays 3 -7 pm

CLOSED

Sept 7 Labor Day (College closed)

Sept 8-11 **NCTA Conference - off campus**

Nov 25 – 27 Thanksgiving Break (College closed)

Dec 23 – Jan Winter Break (College closes December 24)

NO Testing **October 19 -20** Fall Break (Open 10-2)

December 21 and 22 (Open 10-2)

And as posted.

Appointments must be made at least 24 hours in advance (during business hours).

***CC DL classes, make-up classes, ATI, TEAS, & ADA: schedule directly 24/7 at**

<http://www.caspercollege.edu/testing>

***CLEP and ACT WorkKeys: Email, call or stop by.**

***Certification: schedule with the testing company, except CLEP and WorkKeys**

ATC Policies & Procedures, directions, maps, and more information are on the web page.