Course ID: smith62762

CASPER COLLEGE COURSE SYLLABUS
MATH 0930, Section N1, Intermediate Algebra
SUMMER 2016

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

PHONE: 307-251-2029 (Home Office)        OFFICE: PS126
Phone and Office: Valid only until the 10th of July. After that by email only.

OFFICE HOURS: By Appointment.

DAYS: Internet Course        Credit Hours: 4

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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: Algebra Foundations by Elayn Martin-Gay 1st 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.
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 online courses varying by faculty, the format of this class will be set up as follows.
  o All assignments, less the exams, will be open from day one and will close on the day that the exam for that chapter closes.
  o The exams will only be open during the scheduled time period located in the calendar for the semester which can be found in Moodle.
    ▪ The calendar for the semester will be the ideal way to stay on top of assignments each week in MyMathLab (MML). Do note that only chapter sections are labeled and not all individual assignments like quizzes and videos. The assignments will consist of watching videos followed by homework sets then quizzes and finally exam reviews and exams.
  o You will also have a graded Journal entry in Moodle that you will need to post each week as well. See the attendance policy below for specific details on the Journal posting.
  o We will also have a Questions forum for answering questions that you can may have each week. 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.
    ▪ If it is of a personal nature, please email me directly instead.
    ▪ For quicker responses to questions, email me directly at bsmith@caspercollege.edu.
    ▪ If you need help on specific problems in the homework, use the ask my instructor button and give me all the information you can as far as what you have tried and where you get lost.

EVALUATION CRITERIA: We will cover chapters 14 - 19 in the book this semester with homework (including watching videos), quizzes and an exam for each chapter, a midterm (chapters 14, 15 and 16) 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 Journal entries, 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. There are different help features available for this class. They range from the online help features in MML to Smarthinking online tutoring found in Moodle and finally the best if you are local is the Math Learning Center in 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. PLEASE do this before you attempt the exam at least twice as it will guide you as to what you know or need to study more for the actual exam.

- 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 ten school days for each exam, excluding the midterm and final where you only get five days. With even more time to sign up to take it 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 14, 15 and 16 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.

- 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.

- **July 6th - 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 (≥ 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:

Email: You must use your Casper College email address for communication with myself during the class. I will not answer emails from other addresses due to federal regulations. Please do not send emails via the email server in Moodle as they do not always go through. If you need to email me, use my bsmith@caspercollege.edu address.

Attendance: Your weekly attendance will be based on journal entries posted. You will need to post the journal entry each week answering all the questions posed in detail for full credit before Sunday at 11:55 pm MT. If you do not answer the questions in full, then partial credit will be given. The topics will be slightly different each week so be sure to read the topic on Monday in case you need to do something throughout the week and record it in your journal.

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 an internet connection.

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. If you have problems with the class or myself, please contact me directly and do not post comments online in the course.

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.
Summer 2016 hours

May 16 – July 29 Please note closures listed below.

OPEN

Mondays 8:00 am - 3:00 pm
Tuesdays 8:00 am - 3:00 pm
Wednesdays 10:30 am - 6:00 pm
Thursdays 10:30 am - 6:00 pm
Fridays 8:00 am - 2:00 pm

General Testing
Monday through Friday

Certification Testing
Monday through Friday (Times vary by testing company.)
(Castle Worldwide, CLEP, GED, Kryterian, PSI, PSI LaserGrade, Pearson Vue, WorkKeys)

CLOSED

May 23 and 24 WyoCTA Conference
May 30 Memorial Day (College closed)
July 4 Independence Day (College closed)
August 1-5 NCTA Conference
August 16 Assessment Summit
August 17 Welcome back meetings (tentative)

All appointments must be made at least 24 hours in advance (during business hours).
Schedule online for CC online classes, ATI TEAS, CC make-up, Accommodative, CLEP, WorkKeys, and Other Institutions:  http://www.caspercollege.edu/testing

Certification: Schedule directly with testing companies except CLEP and WorkKeys

ATC Policies & Procedures and information are on the web page.