| **MATH 120** | **College Algebra** | **Course Syllabus** |

Instructor: Tyler Wallace   **Credits**: 5

Office: 1228   **Term**: Spring 2011

E-mail: tylerw@bigbend.edu   **Class Mode**: Online

Phone: (509) 793-2154   **Course Webpages:**   http://angel.bigbend.edu
                                                                                                            http://wallace.ccfaculty.org
                                                                                                            http://wamap.org

Office Hours (also available online): Mon – Thur 11:45 – 12:50 or by appointment
            if I'm not in the virtual office, call my office and I will connect

Course Description: This course will present the student with the basic concepts and applications of college level algebra, introduction to functions, graphing, introduction to probability, and right triangle trigonometry. This course is designed to be a college level, terminal, math course for the liberal arts major and also to prepare the science, engineering or business student for more advanced work.

Prerequisite(s): Appropriate scores in the BBCC Mathematics Assessment or successful completion of MPC 099 or MPC 093.

Text : None! There will be optional worksheets available for free download should you want extra practice.

Evaluation/Methods of Grading: Your grade will be based on the following:

- 20 points on each of four proctored exams taken on campus at 7:00pm according to the calendar, if that time doesn't work – E-mail me by the end of the first week (80 points total).
- 20 points on the final given during the final exam period – **NO EXCEPTIONS!**
  Wednesday, June 8 at 2:00pm. **(Mark your calendar now!!!!!)**
- 20 points on daily homework to be completed on http://wamap.org
- I will drop the lowest score from Test 1, Test 2, Test 3, Test 4, and Homework
- Adding together these four scores and the final score will give your grade out of 100 points.
- There are several worksheets available for download. These worksheets are for extra practice to prepare for the test and are not turned in.

Once calculated you grade will be assigned as follows:

Pts	Gd		Pts	Gd		Pts	Gd		Pts	Gd		Pts	Gd		Pts	Gd
95	4.0		89	3.7		83	3.3		77	2.7		71	2.1		65	1.4
94	3.9		88	3.6		82	3.2		76	2.6		70	2.0		64	1.2
93	3.9		87	3.5		81	3.1		75	2.5		69	1.9		63	1.1
92	3.8		86	3.5		80	3.0		74	2.4		68	1.8		62	1.0
91	3.8		85	3.4		79	2.9		73	2.3		67	1.6		61	0.8
90	3.7		84	3.3		78	2.8		72	2.2		66	1.5		60	0.7

Late Work/Missing Test: No Late work will be accepted. Missing a test will result in a 0 grade unless arrangements are made **IN ADVANCE**. If your quiz score is higher than one of your test scores (or you did not take a test) I will replace your lowest test score with your quiz average. This however does not apply to the final. Also, the final cannot be taken at a different time than the final exam period.

Alternate Test Locations: If you plan to take the test at an alternate location you must contact me the first week of classes. Alternate locations must be taken at another college or university proctored by one of the employees of the school. You are responsible for any proctoring fees the school may charge.

Withdraw Policy: I do not sign late withdraws (especially during finals week!) If you are part way through the quarter and don't believe you will be able to successfully complete the course, be sure to withdraw before the withdraw deadline of May 26.

Daily Homework: Daily online homework assignments go with each video lesson. The homework is done online. It is strongly encouraged that you show your work in a notebook that is organized so you can review the problems as you study for a test.

Getting Started With Online Homework: To get started on the online homework follow these steps:

- Go to http://wamap.org and click the link that says "Register as a new student"
- Fill out the form using course ID "2868" and enrollment key "algebra" (all lowercase, no quotes for either)

Online homework settings: Each assignment on the homework has a suggested date you work on it to be sure you are ready for the test. Each problem you do can be attempted three times. After the third time missing a problem, the computer will show you the correct answer. You will have the option to retry a similar problem so you can still receive credit for the problem and show your understanding of the concept. Should you want additional practice problems, even after you get a question correct, there will be a link to "try another similar question" should you want more practice. Also, each assignment has a worksheet which you can download full of similar problems for extra practice. The worksheets are optional, but can be very helpful in preparing for tests!

Pass/Fail Grades: This only applies to students taking the course under the Pass/Fail grading option. It is the policy of the Mathematics and Science Division to assign a passing grade only if the earned grade for the course is 2.0 or better. This means 70 points are required in the course to receive a passing grade.

Calculators: You are required to purchase a calculator for this course. You should get a TI-83 or a TI-84 (Plus or silver editions also good). Any similar calculator will be fine (though I cannot help you use them), however calculators with built-in algebra systems such as the TI-89 are not allowed. Cell phones will not be allowed for test, quiz or final exam. Also sharing of calculators during a quiz, test, or final exam is not allowed.

E-mail accounts: It is **required** that you use your Big Bend E-mail for this course. The reason for this is often person E-mails end up in my spam folder which I do not check. If you use a personal E-mail address and I don't get the message you are responsible. I also do not use the angel E-mail, do not use the angel e-mail to contact me. To access your big bend E-mail go to http://bigbend.edu and click "Big Bend E-mail"

Contacting the instructor: If you contact me by E-mail I will respond within 24 hours. Be sure to use your big bend e-mail (not angel mail or any other mail) to contact me. If I don't respond in 24 hours, I never got the message!

Online Office: There is an online office that has been set up for students to access me during my office hour over the internet. The link for the office can be found through the course webpage: http://bbccwallace.wikispaces.com. You may have to download some software the first time you log in. It is a quick and safe download. If I am not logged in during my office hour, call my office and I can connect.

Special Needs: Any student who feels he or she may need a reasonable accommodation for any type of disability, please make an appointment to see me during office hours. You also want to contact Disability Services as soon as possible. The disability must be documented in order to receive accommodations.

Cheating: Don't cheat. Cheating will result in a 0.0 for the course. Complete honesty is required. It is the students' responsibility to avoid even the *appearance of* cheating.

No Name: Be sure to put you name on your paper. I will not give credit for no name papers.

Course Objectives: Students will complete four assessments and a final to show mastery of the course objectives including

- Simplifying and solving algebraic expressions and equations
- Interpret graphs of functions and transformations of graphs
- Solving exponential and logarithmic equations and applications
- Use permutations and combinations to count events, expand expressions, and calculate probabilities

Support Services: There are many options available should you have a question. It is important in an online course to get your questions answered as soon as possible. The day of the test is often too late to get help. Consider:

- Math Lab open from 8am-8pm Monday through Thursday and 9am-12pm Friday
- My office hour
- Tutor.com link through the portal
- Student Support Services
- Set up an appointment with me to meet if my office hour doesn't work for you

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A note for online courses:

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Requirements for Distance Education

- Use your big bend E-mail, check it regularly (once a day!) for important messages from me. Use only your Big Bend E-mail to contact me by email.
- Access to Washington Online (http://www.waol.org).
- Access to the course webpage and videos (http://wallace.ccfaculty.org)
- Access to the online homework system (http://wamap.org)

Expectations of Students

- This is a 5 credit course. You are expected to spend 10-15 hours a week on the course. This turns into 2-3 hours per day. If you are spending less than this requirement it is highly unlikely that you will be successful!
- This means watching videos and doing just the required homework may NOT be enough to be successful.
- Online courses take more discipline on the part of the student. Students often feel that online courses are "easier" and procrastinate. Stay with the calendar. If you have questions, contact your instructor immediately.
- This is a 5 credit course. You are expected to spend 10-15 hours a week on this course
- Students are expected to watch all online videos and read any notes that accompany each lesson.
- Students are expected to take each test on the assigned date and time at the designated location. All tests are to be taken in the Math Lab. If this is impossible alternate arrangements must be made and finalized with me during the first week of classes, not the day before the test! The final date and time is not flexible. It must be taken as listed on the syllabus at Big Bend.
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Getting help in a distance education class

If you need help you have several options available to you
- Stop by my office during my office hours
- Visit the Math Lab between 8:00am and 8:00pm Monday through Thursday or 9:00am through 12:00 pm on Friday
- Use the free online tutoring services everyday available through the Portal.

A typical Day in the Course:
- Watch a video online off the course webpage (http://bbccwallace.wikispaces.com)
- Work on problems on the online homework
- Contact me with any questions you may have

Now that you have read this please send an E-mail from you Big Bend account to me, the instructor with the following:

- Your Name
- City you will be living in during this term
- Primary phone number
- Reason you are taking this course
- Include a statement such as, "I have read the syllabus and understand every word of it" so I know you have :-D
- Yes, this is an assignment, your first one and an easy one – send the E-mail now!