PRECALCULUS, Math 1715
Spring 2013

Instructor: Heather Ranney

Office: MSCS 442

Office hours: T- 9:30-11:00 AM, W- 12:30-2:00 PM; other times are available by appointment. Please arrange appointment times by e-mail.

E-mail: hranney@math.okstate.edu Please put 1715 STUDENT in the subject line of your e-mail. In addition, in the body of your e-mail, please identify the day and time of your discussion section.

Office phone: 744-2294

Course Description: This is an integrated College Algebra and Trigonometry course. The prerequisite test required is ALEKSGOAL, with a minimum score of 40. This course includes the study of quadratic equations, functions and graphs, systems of equations, exponential and logarithmic functions, sequences and series, trigonometric functions and graphs, solution of triangles and applications to physical sciences, polar coordinates and vectors.

Textbook/Required Material
- **Precalculus: Mathematics for Calculus**, Fifth Edition, by Stewart, Redline, and Watson.
- **WEBASSIGN Access Code (this should come with your textbook)**
- **Lecture notes:** These are available in the online classroom (D2L). Go to: https://oc.okstate.edu/ and log in using your O-Key username and password.
- A **graphing calculator** is strongly recommended for this course; a TI-83/84 series graphing calculator is highly recommended. Cell phone calculators are forbidden. *Note:* The OSU Mathematics Department has a limited number of graphing calculators available for student check-out. Days and times for the check-out will be announced.

Attendance and Courtesy: Regular class attendance and common courtesy during are expected. Here are a few things to remember:
- Be **on time**
- Be **attentive** during class
- Show courtesy to those around you by **not talking** to classmates
- **Remain in the room** the entire time (unless you are ill)
- **No electronic devices** (cell phones, laptops, tablets) may be used, except for calculators

Tutoring: There is free tutoring available in the Math Learning Success Center (MLSC), currently located on the fourth floor of the Classroom Building.

Exams (550 points): There will be four 100 point exams and a 150 point comprehensive final exam. You may **replace your ONE lowest score** from exam 1, 2, 3, or 4 with your *percentage score on the final exam.* The dates for the exams are as follows:

Exam 1: Monday, Feb. 4	**Exam 2:** Tuesday, February 26
Exam 3: Wednesday, March 27	**Exam 4:** Thursday, April 18
Final Exam: Wednesday, May 1, 8:00-9:50 a.m.	

Make-Up Exams: Make-up exams will be given only in extreme circumstances, if documentation for the absence can be provided and is verifiable. Valid reasons for make-up exams include:

- University activities (e.g. field trips, research presentations, athletic teams, etc.)
- Military obligation
- Jury duty or other mandatory court appearance
- Serious illness or injury
- Serious illness in immediate family (parent, sibling, spouse, son, daughter)

If you believe a make-up exam may be applicable, please take the following steps:

- Notify the instructor by e-mail at hranney@math.okstate.edu prior to the missed exam (if possible), informing the instructor of the reason for missing the exam. Notification *after* the exam will only be accepted in an emergency situation. If you know several days in advance that you will miss an exam (jury duty, athletics, etc.), it may be possible to take an *early* exam.
- You must provide **appropriate documentation** to verify the absence.
- If a make-up exam is *not granted*, it will be necessary to use the final exam percentage score to replace the missed exam score.

WebAssign Homework (100 points): Most of your homework will be completed online at the WEBASSIGN web site. You should sign up for WebAssign right away. Follow the directions to self-enroll on the handout. You will need to enter a 'class key' from the handout. You will also need the 'student access code' that comes with your textbook. To logon each time you will enter the following:

- Username: enter your username
- Institution: okstate
- Password: enter the password you made up.

You can submit each exercise up to 5 times.

At the end of the semester, the total of all WebAssign homework points will be *scaled* to **100 points** (your percentage × 100). WebAssign homework will not be available after the due date for each assignment.

If you have a question from the online homework, please write it down and bring it to class. Please keep a copy of your written work for every homework assignment.

Written Homework (50 points): Separate *written* homework will also be due and turned in during class. At the end of the semester, the total of all written homework points will be *scaled* to **50 points** (your percentage × 50). *Written homework will not be accepted after the due date* for each assignment. The lowest two grades from written homework will be dropped at the end of the semester.

Group Work and Quiz Grade (100 points): Group work and unannounced quizzes will be given during class. The total for all these points will be *scaled* to **100 points** (your percentage × 100). There will be *no make-up* on group work assignments or quizzes, but you will be allowed to drop two of either quizzes or group work assignments (or a combination of both).

Course Evaluation: Course grades will be determined according to the following distribution.

Web Assign Homework (scaled)	100 points
Written Homework (scaled)	50 points
Group Work/Quiz Grade (scaled)	100 points
Exams	550 points
TOTAL	800 points

Letter grades will be assigned according to the following scale.

A: 90% or higher	B: 80-89.5%	C: 70-79.5%	D: 60-69.5%	F: 59% or lower
720-800 pts.	640-719 pts.	560-639 pts.	480-559 pts.	0-479 pts.

Electronics Policy: Please refrain from using your cell phone or other electronic devices during class meeting times. This includes checking and/or responding to text messages. The use of cell phones or other electronic devices (except calculators) *during exams* is strictly prohibited and will be considered an act of academic dishonesty/misconduct.

Incomplete Grade: The grade of "I" is given to students who satisfactorily completed the majority of the course work and whose work averages "D" or better, but who have been unavoidably prevented from completing the remaining work of the course. The conditions, including appropriate time limits, for the removal of the "I" are indicated on the official class roll by the instructor. A condition that the student must repeat the course in order to remove the "I" is not permitted. The maximum time allowed for a student to remove an "I" is one calendar year.

Academic Dishonesty/Misconduct: Oklahoma State University is committed to the maintenance of the highest standards of integrity and ethical conduct of its members. This level of ethical behavior and integrity will be maintained in this course. Participating in a behavior that violates academic integrity (e.g., unauthorized collaboration, plagiarism, multiple submissions, cheating on examinations, fabricating information, helping another person cheat, unauthorized advance access to examinations, altering or destroying the work of others, and fraudulently altering academic records) will result in your being sanctioned. Violations may subject you to disciplinary action including the following: receiving a failing grade on an assignment, examination or course, receiving a notation of a violation of academic integrity on your transcript, and being suspended from the University. You have the right to appeal the charge. Contact the Office of Academic Affairs, 101 Whitehurst, 405-744-5627. Go to academicintegrity.okstate.edu for a short video on OSU's academic integrity policy and additional information.

Office of Student Disability Services: (015 University Health Services) - According to the Americans with Disabilities Act, each student with a disability is responsible for notifying the University of his/her disability and requesting accommodations. If you think you have a qualified disability and need special accommodations, you should notify the instructor and request verification of eligibility for accommodations from the Office of Student Disability Services. Please advise the instructor of your disability as soon as possible, and contact Student Disability Services, to ensure timely implementation of appropriate accommodations. Faculty have an obligation to respond when they receive official notice of a disability but are under no obligation to provide retroactive accommodations. To receive services, you must submit appropriate documentation and complete an intake process during which the existence of a qualified disability is verified and reasonable accommodations are identified. Call 405-744-7116 or go to www.okstate.edu/ucs/stdis/.

Syllabus Attachment: You are individually responsible for meeting university deadlines and for following university procedures. The general university syllabus attachment, containing much information of this nature, can be found on the Academic Affairs' web site:
http://academicaffairs.okstate.edu/current-students/46-syllabus-attachment

Final Note: Any changes in this syllabus will be communicated to you in class by the instructor.

Tentative Class Schedule*, MATH 1715, Spring 2013

WebHW = WebAssign Homework Due

Wk	Monday	Tuesday	Wednesday	Thursday	Friday
1	**Jan. 7**	**Jan. 8**	**Jan. 9**	**Jan. 10**	**Jan. 11**
	Syllabus, 1.1	1.2	1.3	1.4	1.5
2	**Jan. 14**	**Jan. 15**	**Jan. 16**	**Jan. 17**	**Jan. 18**
	1.7	1.8 WebHW 1.1-1.4 due	1.10 Written HW 1.5 due	1.10 WebHW 1.5-1.8 due	2.1
3	**Jan. 21**	**Jan. 22**	**Jan. 23**	**Jan. 24**	**Jan. 25**
	University holiday— **MLK Day**	2.2 WebHW 1.10 due	2.3 WebHW 2.1 due	2.4 WebHW 2.2 due	2.5
4	**Jan. 28**	**Jan. 29**	**Jan. 30**	**Jan. 31**	**Feb. 1**
	2.5, 2.6 WebHW 2.3, 2.4 due	2.7 Written HW 2.4 due WebHW 2.5 due	2.8 WebHW 2.7 due	3.1 WebHW 2.8 due	Review for Exam 1
5	**Feb. 4**	**Feb. 5**	**Feb. 6**	**Feb. 7**	**Feb. 8**
	Exam 1	3.2	3.3 WebHW 3.1 due	3.5 Written HW 3.1 due WebHW 3.2 due	3.6
6	**Feb. 11**	**Feb. 12**	**Feb. 13**	**Feb. 14**	**Feb. 15**
	3.6 WebHW 3.5 due	4.1 Written HW 1.5 due	4.1 WebHW 3.6 due	4.2 WebHW 4.1 due	4.2
7	**Feb. 18**	**Feb. 19**	**Feb. 20**	**Feb. 21**	**Feb. 22**
	4.3 Written HW 4.1 due	4.4 WebHW 4.2 due	4.4 WebHW 4.3 due	4.5 WebHW 4.4 due	6.1 WebHW 4.5 due
8	**Feb. 25**	**Feb. 26**	**Feb. 27**	**Feb. 28**	**Mar. 1**
	Review for Exam 2	**Exam 2**	6.2	6.2 WebHW 6.1 due	6.3 Written HW 6.1 due
9	**Mar. 4**	**Mar. 5**	**Mar. 6**	**Mar. 7**	**Mar. 8**
	6.3 WebHW 6.2 due	5.2	5.2 WebHW 6.3 due	5.3	5.3, 5.4
10	**Mar. 11**	**Mar. 12**	**Mar. 13**	**Mar. 14**	**Mar. 15**
	5.4 WebHW 5.2 due	6.4 WebHW 5.3 due	6.4 Written HW 5.3 due WebHW 5.4 due	6.4, 6.5 WebHW 6.4 due	6.5

Tentative Class Schedule*, MATH 1715, Spring 2013

	Mar. 18	Mar. 19	Mar. 20	Mar. 21	Mar. 22
	Spring Break	*Spring Break*	*Spring Break*	*Spring Break*	*Spring Break*
11	Mar. 25	Mar. 26	Mar. 27	Mar. 28	Mar. 29
	7.1 WebHW 6.5 due	Review for Exam 3	**Exam3**	7.1	7.1, 7.2
12	Apr. 1	Apr. 2	Apr. 3	Apr. 4	Apr. 5
	7.2 WebHW 7.1 due	7.3 Written HW 7.1 due	7.3 WebHW 7.2 due	7.3, 7.4 Written HW 7.2 due	7.4
13	Apr. 8	Apr. 9	Apr. 10	Apr. 11	Apr. 12
	7.5 WebHW 7.3 due	7.5 Written HW 7.3 due WebHW 7.4 due	8.1 Written HW 7.4 due WebHW 7.5 due	8.2 Written HW 7.5 (pt. 1) due WebHW 8.1 due	8.3 Written HW 7.5(pt. 2) due
14	Apr. 15	Apr. 16	Apr. 17	Apr. 18	Apr. 19
	8.4 Written HW 8.3 due WebHW 8.2, 8.3 due	9.1, 9.2 Written HW 8.4 due WebHW 8.4 due	Review	**Exam 4**	9.2, 9.3
15	Apr. 22	Apr. 23	Apr. 24	Apr. 25	Apr. 26
	11.1 WebHW 9.1, 9.2 due	11.2/11.3 WebHW 9.3 due	11.2/11.3, Review WebHW 11.1 due	Review WebHW 11.2/11.3 due	Review

Final Exam: Wednesday, May 1, 8:00-9:50 a.m.

*Any changes will be announced in class

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