

Math 1513, Section 1 – College Algebra

Summer 2010, MTWR 10:30 – 11:45 am

Instructor: Toshihisa Kubo

Office: MS 440

Office Hours: MWR 9:30 – 10:20 am or by appointment

Phone: (405) 744-8049

E-mail: toskubo@math.okstate.edu

Textbook: *College Algebra – Graphs and Models*, fourth ed., by M. Bittinger, J. Beecher, D. Ellenbogen, and J. Penna

Course Objectives: This course is designed to learn college-level algebra. Chapters 1-5 and selected portions of Chapters 6 and 7 will be covered.

Quizzes: There will be eight quizzes (mostly on every Monday); each of them is worth 15 points. The lowest two quiz scores will be dropped, and there will be no makeup quizzes.

Homework: Homework will be assigned, but it will not be collected or graded. Nevertheless, it is extremely important that you work on the homework problems; the quizzes will consist of homework problems.

Calculators:

- On quizzes and exams you can use your calculator to check your answers. However, you are expected to show all work.
- You may check out a TI-83/TI-83 Plus graphing calculator from the Mathematics Department for use during the semester while the supply lasts; there is NO charge (*See the next page for the details*).

Grading Policy: There will be two midterm exams (100 points each). There will also be a final exam (150 points). The total quiz score will be 90 points, giving a total of 440 possible points. Letter grades will be assigned as follows:

At least 396 pts: guaranteed A
352 – 395 pts: at least B
308 – 351 pts: at least C
264 – 307 pts: at least D
0 – 263 pts: probable F

Class Attendance: I will take attendance in each class. If you don't miss more than 3 times, **15 pts** will be added to your final score as a bonus.

Exam:

- Each midterm exam takes 50 minutes, while the final exam takes 75 minutes.
- The exam dates and the sections covered by the exams will be announced a week in advance.
- The tentative exam schedule is as follows:

Exam 1: Wednesday, June 23

Exam 2: Wednesday, July 14

Final Exam: Thursday, July 29

Make-up Exam Policy: Make-up examinations will be given only for very serious and unavoidable conflicts, e.g. family emergency, and *only if* your request to take a make-up examination is approved by your instructor **in advance**. You are requested to bring your student ID. Note that the make-up examinations might be harder than the regular examinations.

Calculator Checkout:

- The calculators are free to check out but are bound by contract so they **MUST** be turned in by Monday, August 2nd no later than noon, otherwise they will be charged non-refundable fees. Check out will be in room 401 MSCS
- The students will need to bring their Student ID.
- The dates and times for calculator checkout are as follows:

Tuesday, June 8th : 9:00 – 11:30 am and 1:00 – 4:00 pm

Wednesday, June 9th : 9:00 – 11:30 am and 1:00 – 4:00 pm

Thursday, June 10th , and afterwards: 8:00 – 12:00 noon and 1:00 – 5:00 pm

MLRC (Mathematics Learning Resource Center):

The MLRC will be running from June 7th through July 29th . Note that it is closed on the university holiday Monday, July 5th .

- **Location:** CLB 420 (the 4th floor of the Classroom Building)
- **Phone:** 744-5818
- **Tutoring and Lab Hours:**

MTWR: 12:00 noon – 5:00 pm

Friday: 12:00 noon – 4:00 pm

Final Note: The instructor will communicate any changes in this syllabus to you in class.

Math 1513 H.W. Schedule

| Section | Problems |
|---------|--------------------------------------------------------------------------------------|
| R.1 | 3-46 multiples of 6, 62, 63, 71, 74 |
| R.2 | 3-50 multiples of 6, 52, 54, 62, and 74 |
| R.3 | 2, 3-51 multiples of 6 |
| R.4 | 3-56 multiples of 6, 58, 68, 83, 93, 94, 109 |
| R.5 | 3-69 multiples of 6 |
| R.6 | 3-39 multiples of 6, and 55 |
| R.7 | 3-58 multiples of 6, 80 |
| | |
| 1.1 | 9-12, 17-20, 63-66, 79-86, 95, 96, 107-112 |
| 1.2 | 1, 2, 3, 15, 17, 20, 21, 23, 25, 40, 58, 59, 74 |
| 1.3 | 1, 2, 5, 6, 11, 13, 29-32, 43, 57-60, 69, 70 |
| 1.4 | 1, 2, 7, 8, 13-16, 23-26, 31, 32, 43-46, 51, 52, 68, 69 |
| 1.5 | 1-6, 19-22, 29-32, 37, 38, 45, 46, 50, 63, 64, 71-74 |
| 1.6 | 3-8, 13-15, 19-23, 26, 33, 52, 55-57 |
| | |
| 2.1 | 1, 2, 3, 5, 13, 15-25, 29, 30, 31, 45, 47-50 |
| 2.2 | 1, 2, 3, 5, 13, 15-25, 29, 30, 31, 45, 47-50 |
| 2.3 | 1-4, 11-14, 17-20, 29-32, 45-48, 57-62 |
| 2.4 | 7-12, 27, 28, 39-42, 49, 50, 53, 54, 59, 60, 67, 68 71, 72, 85, 86, 97-100 |
| 2.5 | 1-6, 13-19, 25-28, 38 |
| | |
| 3.1 | 1-4, 11-14, 31, 32, 35, 36, 39, 40, 45, 46, 51, 52, 61, 62, 75, 76, 83, 84 |
| 3.2 | 1-4, 8, 9, 16-19, 21, 22, 35-38, 55, 56, 61, 62, 69, 70, 85, 86, 95, 96, 102, 103 |
| 3.3 | 5, 6, 24, 25, 33, 34 |
| 3.4 | 1, 3, 19, 21, 23, 37, 45, 55, 63 |
| 3.5 | 1, 2, 11, 13, 25, 29, 30, 43, 45, 46, 47, 73 |

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| 4.1 | 2, 23, 24, 27, 30, 39, 43, 45, 51, 52, 57, 58, 62, 65, 66 |
| 4.2 | 1, 3, 7, 11, 13, 33, 49, 51 |
| 4.3 | 1, 5, 8, 11, 13, 24, 25, 31, 32, 49, 50 |
| 4.4 | 1, 4, 13, 25, 33, 34, 43, 44, 49, 55, 56, 58, 71 |
| 4.5 | 7, 10, 13, 14, 15, 21, 22, 27 |
| 4.6 | 25-28, 33-38, 47, 48, 53, 54, 58-61, 67, 68, 77, 78 |
| | |
| 5.1 | 1, 4, 5, 33, 34, 58, 59, 60, 61, and 83 |
| 5.2 | 43, 44, 63 |
| 5.3 | 9, 10, 23, 29, 35, 36, 45, 46, 69, 70, 75, 76 |
| 5.4 | 1, 2, 9, 10, 17, 18, 23-26, 35, 36, 43-46, 53-56, 59, 60, 65, 66, 89, 90 |
| 5.5 | 1-4, 25-32, 51, 52, 60-65, 79-84 |
| 5.6 | 1-3, 7, 8, 13-18 |
| | |
| 6.1 | 7-10, 17-20, 33-36, 53, 54, 59-62, 65, 66, 69, 70 |
| 6.2 | 1, 2, 17-20, 23, 24 |
| 6.7 | 9-12, 19-22, 43-46, 51, 52, 65, 66, 71, 72 |
| | |
| 7.1 | 7-10, 15-18, 21-24, 31, 32 |
| 7.2 | 7-10, 19-26, 31-34, 37, 38, 41, 42 |
| 7.3 | 7-15, 25-28, 37, 38, 39, 40 |
| 7.4 | 7-12, 17-20 |



OKLAHOMA STATE UNIVERSITY SYLLABUS ATTACHMENT SUMMER 2010

<http://osu.okstate.edu/acadaffr/aa/syllabusattachment-Summer.htm>

WE ARE VERY CONCERNED ABOUT YOUR SUCCESS AS A STUDENT AT OSU. THIS INFORMATION IS PROVIDED TO ANSWER QUESTIONS MOST OFTEN ASKED BY STUDENTS.

CHECK THE ACADEMIC CALENDAR SECTION OF THE REGISTRAR'S WEBSITE (<http://www.okstate.edu/registrar/AcademicCalendar/AcademicCalendarMain.html#summer10>) FOR THE "DROP" AND "WITHDRAWAL" DEADLINES FOR THIS TERM.

DROPPING A COURSE AND WITHDRAWING FROM THE UNIVERSITY Students often confuse these terms <http://osu.okstate.edu/acadaffr/aa/DropAdd.htm>.

Dropping a Course (or courses) may occur during the nonrestrictive period in the term. This means, however, that you are still enrolled in at least one other OSU course this summer. (Remedial courses cannot be dropped without written permission of the advisor.) *After the last date to drop a course with a grade of "W", a course may be dropped by petition but **only** when verifiable extenuating circumstances can be demonstrated.* Verifiable extenuating circumstances must be reasons beyond your control, such as illness or accidental injury. **Poor performance in class is not an extenuating circumstance.** You must obtain a petition to drop a course after the deadline from your advisor and get the signature of your advisor and dean with a grade of "W" or "F" assigned by the instructor. The Late Drop Panel must then approve the petition.

Withdrawing from the university means that you are dropping **all** of your courses and **are no longer enrolled for the current semester**. The withdrawal process is initiated in your dean's office.

ACADEMIC INTEGRITY POLICY

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, academicintegrity.okstate.edu.

CLASS ATTENDANCE IS IMPORTANT

Class attendance is a critical component of learning; therefore, you are expected to attend and participate fully in all scheduled class meetings. Many instructors consider attendance so essential that your grade may be affected by your absence. **SOME DEPARTMENTS AND PROFESSORS HAVE MANDATORY ATTENDANCE POLICIES.** If no written attendance policy is provided before the last day to add a class without instructor permission, no penalty may be assessed for class absences although you may not be permitted to make up certain in-class activities. If you are required to participate in official university-sponsored activities or military training you should receive an excused absence unless the written course attendance policy indicates otherwise. If you will be absent from class for sponsored activities, you must provide prior notification of the planned absence to the instructor. You may be required to submit assignments or take examinations before the planned absence.

If you must be absent from classes due to illness or other extenuating circumstances, it is your responsibility to notify instructors at the earliest possible time and determine if missed assignments can be submitted.

INFORMATION TECHNOLOGY

Student Email - OSU uses your OKSTATE.EDU email address for electronic correspondence. If you do not use the OSU email system you must redirect your okstate.edu email using the Orange-Key System (www.okey.okstate.edu). Failure to maintain an accurate email address may result in missed or lost university communications. For email assistance contact the IT Helpdesk at 405-744-HELP (4357).

Computer Labs - A complete description of computer labs and hours of operations are available at their website: <https://it.sharepoint.okstate.edu/TechnologySupport/deskSide/labs/>. Lab information is also available by calling the Information Technology Help Desk, 405-744-HELP (4357).

LIBRARY HOURS

Edmon Low Library (405-744-5029)

Digital Library Toll Free: (1-877-744-9161)

Monday-Thursday 7:30 a.m.-2:00 a.m.

Friday 7:30 a.m.-10:00 p.m.

Saturday 9:00 a.m.-10:00 p.m.

Sunday 9:00 a.m.-2:00 a.m.

*Hours will vary during University holidays.

*Contact the following for information on hours of operation:

Architecture Library 405-744-6047

Curriculum Materials Library 405-744-6310

Veterinary Medicine Library 405-744-6655

Library web address: www.library.okstate.edu

GENERAL EXPECTATIONS OF STUDENTS

By enrolling at Oklahoma State University, you accept responsibility for complying with all University policies and contracts, and for local, state and federal laws on- or off-campus that relate to the University's mission. **The Student Rights and Responsibilities Governing Student Behavior** document explains the standards of behavior expected of you, processes in place for enforcing the rules, and the University's response to violations

(<http://www.okstate.edu/ucs/SJA/srr.htm>). In general, the University expects you to respect the rights of others and authority, represent yourself truthfully and accurately at all times, respect private and public property, and take responsibility for your own actions and the actions of your guests. Call 405-744-5470 for more information.

WHERE TO GO FOR HELP

Instructor - If you have questions regarding your class, talk to your instructor. Faculty members usually include their office hours and/or phone number in the class syllabus. If you cannot locate this information, set a time to meet with your instructor by speaking with him/her prior to or immediately following your class session or check with the departmental office on when the instructor may be available.

Academic Advisor - All students will benefit by conferring with an advisor on a regular basis. If you do not know your advisor, or are unhappy with your advisor, talk to the Student Services Director for your college.

Academic911.okstate.edu - Your online resource for academic and personal success, sponsored by Student Affairs.

Mathematics Learning Resource Center (4th Floor Classroom Building) Tutors are available to answer questions for classes ranging from Beginning Algebra through Calculus II. Tutoring for Differential Equations and Linear Algebra is offered at specific times. Go to www.math.okstate.edu/mlrc or call 405-744-5818.

Writing Center (104 Morrill Hall) The Writing Center helps writers throughout the composing process; you should plan to visit early and often throughout the semester, not just the day before an assignment is due. Tutors will work with you to improve your brainstorming, organizational, and composing techniques. Call 405-744-6671 or go to english.okstate.edu/writing.

Tutoring (214 Student Union) University Academic Services offers free individual tutoring for a variety of courses. Call 405-744-5333.

University Counseling Services (316 Student Union or 002 University Health Services) Professional counselors offer confidential personal and/or career counseling. Call 405-744-5472 or 405-744-7007 or www.okstate.edu/ucs/Counselingservice.htm.

Office of Student Disability Services (315 Student Union) - 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 sds.okstate.edu

Office of Affirmative Action (408 Whitehurst) Oklahoma State University policy prohibits discrimination based upon gender, race, color, ethnicity, age, religion, national origin, veteran's status, disability, or sexual orientation. If you believe that you are being discriminated against, you may discuss your concerns and file informal or formal complaints with Mackenzie Wilfong, J.D., 405-744-5371.

SEEK ANSWERS TO YOUR QUESTIONS

The OSU faculty and staff want you to be successful in your educational pursuits. If you have questions or concerns, seek help **EARLY**. We are here to assist you.