MATH1100.002: COLLEGE ALGEBRA
SUMMER-I, 2010 (7 June to 8 July)

INSTRUCTOR: Koshal Dahal (Mr. Dahal)	**OFFICE: GAB 441 (with Window-Nepal)** **Personal Site: http://www.math.unt.edu/~koshal**
OFFICE HOURS: M/Tu/W/Th: 12:00-1:00pm By Appointment @ 0ther Times.	**CLASS MEETS: M/Tu/W/Th 10:00-11:50am,** **@ WH 210**
EMAIL: koshaldahal@my.unt.edu For emergencies, not in lieu of attendance. Allow two (2) business days for reply. Include course name, number and section and your full name in the subject header. Email without this information may not get opened.	**FINAL EXAM DATE AND TIME:** Friday, July 9, 2010

COURSE DESCRIPTION: Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade of C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

TEXTBOOK and MyMathLab REQUIRED:
College Algebra, 8th Edition, by Michael Sullivan. MyMathLab (MML) may be purchased packaged with textbook, directly online, or as stand-alone. MML is an online course delivery platform through which students access and complete assignments. MML access information will be provided first day of class.
The MML course ID for this class is: dahal00507

WEB ACCESS MyMathLab REQUIRED: Students must purchase and register in MyMathLab (MML) by the 2nd class of semester. Students not registered with MML by the second class period may be administratively dropped with the possibility of no refund. Students will NOT be given extensions for any missed assignments for any reason. Not having access to MML is not an exception.

CAMPUS INTERNET ACCESS: UNT has many general access computer labs for student learning. See http://www.gacl.unt.edu/ for locations UNT campus General Access Computer Labs.	**SUPPLEMENTAL INSTRUCTOR (SI) SESSION:** SI office hours will be in the GAB 550 General Access Computer Lab

CALCULATOR and SPIRAL NOTEBOOK:
1) A graphing calculator: TI-83, TI-84 or equivalent is required. Calculators with CAS (Computer Algebra System) are not permitted. Examples of calculators that are not allowed: TI-89, TI-92, HP-48 or any others which are capable of symbolic algebra. 2) Students should keep a spiral notebook of all online assignments. Write work just as you would if the assignments were submitted on paper.

MATH LAB: Website: www.math.unt.edu/mathlab Go to site for location and hours.	**ATTENDANCE POLICY:** Class attendance is mandatory. Students are responsible for all information given in class, regardless of his/her attendance. Starting Friday, June 18, students may be administratively dropped from the course for nonattendance with a grade of WF. The last day a student may be dropped for nonattendance is Wednesday, June 30. **3** or more absences constitute nonattendance.
ONLINE TUTORING: www.unt.edu/lc, and select the online tutoring button located in the left column of the page. The link will direct you to www.smarthinking.com. Username: UNT2008; Password: achieve	

ACADEMIC DISHONESTY:
Refer to the following university site for the official policy with regards to academic dishonesty. The web site is:
http://vpaa.unt.edu/academic-integrity.htm

EVALUATION:

EVALUATION:		**GRADE ASSIGNMENT:**	
Online Homework:	**15**%	**A**: [90%,)	
Online Quizzes	**15**%	**B**: [80%, 90%)	
In-class Exams	**45**% (**15**% *each*)	**C**: [70%, 80%)	
Final Exam	**25**%	**D**: [60%, 70%)	
Total Percentage	**100%**	**F**: [0%, 60%)	

GRADE DETERMINATION:
Student grade is determined by his/her performance on the evaluation criteria and the grade assignments listed above.

FINAL GRADE:
Students may access their course grades online via the EIS system: **my.unt.edu/grades**

DISABILITY ACCOMMODATIONS:
It is the responsibility of students with certified disabilities to provide the instructor with appropriate documentation from the Dean of Students Office.

NOTES:

1) This section will be using an Intervention Service provided by the Program for Academic Readiness. You may be contacted during the semester by a student interventionist if you fail to complete required assignments. Your personal information will be protected by FERPA guidelines.

2) You are responsible for meeting all university deadlines, such as: registration, fee payment, drop deadlines, etc. Refer to the printed Schedule of Classes and/or University Catalog for policies and dates.

3) This syllabus is subject to change as the instructor deems necessary. Any/all changes will be announced during regular class time. It is the responsibility of the student to attend each scheduled class to be informed of these changes.

Math 1100 List of sections to be taught:
Chapter 1: Sections 1 – 7
Chapter 2: Sections 1 – 5; (2.1, 2.4, 2.2, 2.3, 2.5)
Chapter 3: Sections 1 – 6
Chapter 4: Sections 1 – 5
Chapter 5: Sections 1 – 5; (5.2, 5.3, 5.4, 5.1, 5.5)
Chapter 6: Sections 1 – 9
Chapter 8: Sections 1, 6 and 7

Summary of Key Dates for SUMMER –I, 2010:

June 7, Monday
> Classes begin- 5W1

June 8, Tuesday
> Last day to drop for refund

June 10, Thursday
> 12th Class day, drops after this date require instructor's written consent.

June 17, Thursday
> Last day to drop with an automatic grade of "W"

June 18, Friday
> Beginning this date instructors may drop students with a grade of "WF" for non-attendance.

June 22, Tuesday
> Mid Semester

June 30, Wednesday
> Last day to drop course with consent of instructor **&**
> Last day for an instructor to drop a student with a grade of "WF" for non-attendance

July 1, Thursday
> Beginning this date a student may request a grade of "I", incomplete

July 8, Thursday
> Last day of Class

July 9, Friday
> Final exam day: 5W1 term ends.

Academic Dishonesty:
Cheating on final exams, on in-class tests, or on quizzes is a serious breach of academic standards and will be punished severely and generally result in a student failing the course. All work done on in-class exams and quizzes must represent only the student's own work, unless otherwise stated in the directions. See http://vpaa.unt.edu/academic-integrity.htm for details on academic integrity at UNT.

Attendance:
Class attendance is mandatory. Missing any portion of class may be counted as an absence. My email may NOT be used in lieu of attendance. Students are responsible for all information given in class, regardless of his/her attendance. This includes knowing exam dates and homework assignments. If you miss a class, it is your responsibility to learn of all the important stuff you missed. Exchange phone numbers/email addresses with several members of your class so that you have multiple sources of information in case of a personal emergency.

Classroom Etiquette:
Appropriate behavior is expected of all students taking this course. Arrive to class promptly and do not leave until the scheduled ending time of the class. If you must arrive late or leave early, please do so as discreetly as possible and take a seat near the door. Turn off all non-medical electronic devices such as pagers, cell phones, laptops, etc. Take off the headphones. Do not read newspaper or work on unrelated assignments during class. I prefer that you not eat during class.

Drop Policy:
If the student is unable to complete this course, it is his/her responsibility to formally withdraw from the course. The student may do so through the Registrar's Office after obtaining the necessary signatures. Consents for withdrawal and all necessary signatures may be obtained in the Math Department Office, GAB 435. If the student does not properly withdraw from the course but stops attending, s/he will receive a performance grade, usually an F.

Exams:
Three in-class exams are planned for this semester. Count your points on exams to be sure the totals are correct. Keep a record of all your scores. If you think that your work has been graded incorrectly, ask for a re-grade immediately after receiving the exam back. Your entire exam will then be re-graded, and you may lose points or gain points on any problem, including but not limited to the problem you ask about. Check your written exam grade with the grade posted in MML to ensure that they are the same. Each exam is 15% of the course grade (or worth 150 points).

Content and dates are tentatively scheduled online, Check MML regularly for any changes that I made during the class periods, but I will pre-inform you in advanced, either by email or by orally in my regular class.

Exam Etiquette:
- Place all papers, textbook, notes, etc. in a backpack or a book bag and close it securely.
- Turn off all electronic devices (unless medically necessary), this includes cell phones, pagers, etc.
- Handling of ANY such electronic devices during an exam will be construed as cheating (receiving unauthorized aid) and may result in a zero for that exam.
- Do not wear HATS or CAPS during exams.
- Do not share any materials during an exam. This includes, but is not limited to pencils, erasers, calculators, etc.
- Only approved calculators during an exam. You may have both a scientific and a graphing calculator. It is your responsibility to know how to work the calculator(s) you bring to a test.
- Have only the exam, pencil, eraser and calculator out during an exam. Plenty of work–space is provided on the actual exam. You will not be permitted to have any scratch paper during an exam.

Final Exam:
The final exam is on **Friday, July 9**. **The final exam is comprehensive and is 25% of the course grade.**

Grade Assignment:
The student course grade is assigned according to the evaluation criteria and grading assignment stated on this syllabus. The grade is completely objective and is determined solely by student performance on each of the evaluation criteria (in-class exam grades, on-line homework and quizzes, and the final exam). Do not expect extra credit work or bonus grade assignments.

Homework:
The MyMathLab (MML) online homework assignments for the entire term are already set; due dates and times are explicitly stated in MyMathLab. You have five (5) attempts per problem-type for each online problem in MML. Using the "Help Me Solve It" feature uses one attempt. Use the attempts carefully so that you can earn a 100% on each assignment. **NO LATE HOMEWORK** will be accepted for any reason whatsoever. A grade of zero will be assigned to any homework assignment not completed online and submitted by the due date and time. Specifically, due dates will NOT be extended for any reason. **NO EXCEPTIONS.** If you are prone to circumstances that affect your ability to complete assignments as due, work ahead. Technical difficulty, including loss of internet access, is not an excuse for not completing assigned work.

During the final week (July 2-8) you will have the opportunity to complete Two (2) make-up homework assignments. If you do not complete a homework assignment by the due date during the semester or do not perform as well as you would've liked, you will have the opportunity to replace up to two of those grades by successfully completing Make-up homework assignments. The MML homework assignments are worth 15% of the course grade.

Incomplete, the Grade of:
A student that qualifies may request a grade of "I", incomplete. An "I" is a non-punitive grade given only if ALL three of the following criteria are satisfied. They are:
1) The student is passing the course;
2) The student has a justifiable (and verifiable) reason why the work cannot be completed as scheduled;
   and
3) The student arranges with the instructor to complete the work within one academic year.

Make-up Exam Policy:

NO MAKE-UP EXAMS WILL BE GIVEN. An exam may be taken **prior** to the scheduled date. I request a week's notice for this accommodation via email. In the event of a schedule conflict with a university function, dental/physician's appointment, wedding, formal, or whatever, the **student must take the test early**. If a student does not take a scheduled exam, a **zero** will be recorded for that exam and a notice may be sent through the registrar's office.

There are three in-class exams. If your final exam score is higher than one of your in-class exam scores, then that in-class exam grade will be replaced with final exam grade. If you miss an in-class exam, a zero will be recorded for that exam grade and your final exam score will replace that one zero. If you receive a zero for **cheating** on an exam, the final exam score will NOT replace that zero. The final exam score can count as 25% of the course grade or 40% of the course grade. Again, **NO MAKE-UP EXAMS WILL BE GIVEN FOR ANY REASON EVER**.

On-line Quizzes:
You must take on-line chapter quizzes by the posted due date and time. You may take the quizzes (algorithmically generated) up to five (5) times, the highest score of the five attempts will be counted. There are six (6) online quizzes. At the end of the semester, one (1) low quiz grade will be dropped from the calculation of the quiz grades average. On-line quizzes are worth 15% of the course grade.

Progress Reports:
Students needing progress reports completed/signed for athletics, scholarships and/or any other organization must attend office hours to get them completed.

Recommended Keys to Success/Expectations:
Students who are successful in math spend a great deal of time and honest effort outside of class along with punctual attendance. Students who are successful come to each class on time and stay the entire class. You are responsible for everything that happens in class. You should come to each lecture and come prepared. Students who are successful spend an hour (or two) after each lecture with a classmate reviewing the lesson and working on homework problems. They meet with a study group several times per week, attend SI sessions and use the Math

Lab. Successful students work on the assignments consistently every day, instead of waiting until the last minute. They read their textbooks regularly and make learning notes.

Math is not a spectator sport. You will not learn mathematics from watching the instructor or friends display ideas and solve problems. You must try the problems, finish problems, ask questions, correct your mistakes, put concepts in your own words, and practice, practice, practice!! An increase in effort usually results in increases in success.

Statement regarding use of email and attendance:
- Email may not be used in lieu of attendance. It is primarily for emergencies. YOU MUST ATTEND class to obtain course-related information.
- YOU are responsible for attending the required class meetings as stated in the course schedule guide.

Web Access:
Students must use the MyMathLab website, URL: www.coursecompass.com. Necessary information for using this site will be provided in the first day of class. It's the MyMathLab handout.

Student Evaluation of Teaching Effectiveness:
The Student Evaluation of Teaching Effectiveness (SETE) is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester (generally, it will remain open through the day of final), providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider the SETE to be an important part of your participation in this class.

MyMathLab Homework Tips:

- **Find a relatively quiet, distraction-free place with internet connection. Commit to NOT surfing the internet while working on math (or any assignment, for that matter).**
- **Keep a notebook for online assignments. Write problems just as you would if the homework is submitted on paper.**
- **You are given five attempts per problem-type. Use the attempts carefully so that you can earn 100% for each MML homework assignment.**
- **MyMathLab has very useful features, including viewing videos and a feature called the, "Help Me Solve It." When you use the Help Me Solve It feature be sure to write out each of the guided steps and explanations.**
- **Using the "Help Me Solve It" feature uses one of your five attempts.**
- **Get help from tutors in the Math Lab (GAB 440); SI's and from the "Help Me Solve It" feature in MML; but continue to rework a similar exercise until you can do the exercises without any assistance. Only then will be ready to do well on an exam on that material.**
- **Prepare for tests by reviewing notes, writing your personal learning notes, reworking homework problems, and reworking quiz problems. The textbook also has Chapter Tests and Cumulative Reviews, use them to augment your learning process.**
- **Start preparing and reviewing for the final exam the first week of classes. Revisit previous homework assignments, review completed in-class exams.**
- **Keep a positive attitude about your ability to succeed and work diligently towards that goal.**

TO BE SUCCESSFUL IN A MATHEMATICS CLASS:

1. Before each class meeting, read the section in the book that will be covered that day. (Consult the Daily Schedule to know what section that will be.)
2. Attend every class. Be on time and prepared to concentrate on the lesson.
3. Take good, organized notes in class and keep them in a notebook. Write down all examples and key comments made by the instructor.
4. Study both your notes and text on a regular basis. Rework class examples. Read your text slowly, using pencil and paper to work out examples.
5. Work all of the homework assignment before the next class. Read the directions carefully. Note the different types of problems. Be sure you understand the necessary facts (intuions) and related procedures needed to work each type of problem.
6. Study in advance for tests. Include these activities: review notes and text; practice working problems; and reflect on similarities, differences, and possible variations of problems.
7. Get a good night's sleep before a test. Make sure you have sharpened pencils, eraser, and charged batteries in your calculator at test time.
8. While taking a test: jot down formulas; read directions carefully; work easy problems first; show your work in an organized, neat form; use all of the allowed time.

"MATHEMATICS IS NOT A SPECTATOR SPORT -- YOU MUST PRACTICE TO LEARN!!!"

Good Luck!!!
BY KD