# EE 2320-002
# Circuit Analysis

Spring 2017

## *Course Syllabus Document*

Instructor: Mr. H. J. Kearny

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The instructor reserves the right to deviate from the content specified in this document and all other course materials as circumstances may require.

***EE@UTA***

Department of Electrical Engineering
The University of Texas at Arlington

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# 1) *Structural Overview*

| | | | | | | |
|---|---|---|---|---|---|---|
| ***Course Name:*** | **Circuit Analysis** | | | | | |
| ***Course ID:*** | **EE 2320** | | | | | |
| ***Course Instructor:*** | **H. J. Kearny, Office NH 512, 817-272-3601, kearny@uta.edu** | | | | | |
| ***Section*** | ***Section Type:*** | ***Room*** | ***Day*** | ***Time*** | ***Instructor*** | ***Teaching Assistants*** |
| **002** | **Lecture** | ***TBA*** | **TR** | **12:30 – 13:50** | **Mr. H. J. Kearny** | ***TBA*** |

Room locations, times of personnel formal office hours, office locations, telephone numbers, e-mail addresses, and scope of assistance is available on the document available at the "Class & Office Hours" link on instructor's Faculty Home Page web site.

## Required Text:

Hambley, Allan R., ***Electrical Engineering Principles and Applications***, 6th Ed., by Prentice Hall, © 2014; ISBN-10: 0-13-311664-6, ISBN-13: 978-0-13-311664-9.

## Prerequisites:

**Passing grade (A, B, C) in MATH 2425 and in PHYS 1444.**

***It has been observed, that students lacking the prerequisite background encounter extreme difficulty in the pursuit of the subject matter. Accordingly, pursuant to departmental review and concurrence, instructor's policy is to drop from this course any student NOT meeting prerequisite requirements.***

## Catalog Course Description:

For non-electrical engineering majors. Basic circuit concepts of R, L, and C components. Kirchhoff's laws, network analysis, loop and node equations, topology, basic network theorems. Steady-state A-C phasor analysis, operational amplifiers, filtering circuits.

## Course Objectives – Student Learning Outcomes:

This course serves engineering students majoring in an engineering field other than Electrical Engineering for the purpose of learning the fundamentals of electric circuit theory. Upon successful completion of the course, students will have gained the following knowledge and skills:

- To understand and use Ohm's Law, the Passive Sign Convention and Kirchhoff's laws.
- To understand the physical nature of the various electric circuit elements, including voltage-current relationships, energy and power.
- To perform node voltage analysis and mesh current analysis of electric circuits.
- To perform first-order transient analysis of RL and RC circuits.
- To analyze circuits that employ operational amplifiers.
- To use the phasor domain to analyze AC circuits and calculate the transfer of real and reactive power, apparent power, and power factor.
- To analyze analog filters for signal processing.

## ABET Outcomes Addressed and Assessed in this Course:

This course addresses and assesses ABET Outcome ***a***: [To] "*Apply knowledge of mathematics, science and engineering*".

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# 2) *Internet Resources*

## Class Materials Served Via UTA Blackboard Web Site (https://elearn.uta.edu/)

It is the student's responsibility to visit this class's UTA Blackboard web site frequently. Extensive course support material has been assembled for your benefit, including copies of slides employed in lecture; you will want to either print a hard copy or acquire the mark-up-enabled pdf file for your reference and note taking during lecture session as well as during self study. Class materials disseminated on the web undergo continuous revision; do NOT use editions of materials from previous semesters as they will be outdated.

Some materials are provided in html format, while others employ ***Adobe's Version* 11.*x*** pdf format (requiring Adobe's free pdf reader to view and print; if you do not already have this version (or later) of the software, download from http://get.adobe.com/reader/ ). ***Earlier versions are not guaranteed to function.*** ***Course materials are provided in color to aid comprehension.*** Students are strongly encouraged to print documents in color to avoid loss of information.

## Class-related Communication via E-Mail – Rules

1. Announcements, messages, and other e-mail traffic originated by the instructor will be transmitted ONLY to the e-mail account of record in UTA's MyMav system.
2. All e-mails originated by the student should be addressed to **kearny@uta.edu** and MUST include the character string "**EE-2320-002**" (exact 11 characters) in the Subject line of message, else message will not be delivered to the instructor.
3. All e-mails originated by the student MUST be signed by the student. ***Unsigned messages are ignored and deleted without reading or response***.
4. While you are always welcome during office hours, you are encouraged to save yourself time and effort by communicating with your instructor via e-mail whenever possible. Your instructor monitors his e-mail account frequently, as should you at least three times a day and certainly at least an hour before class, so that communication is not unduly tardy.

## Accessing UTA OIT Computer System Facilities (E-mail and Websites)

The Office of Information Technology (OIT) is the administrative division of UTA charged with operating the many campus-wide computer systems that service the academic computing needs of the UTA community. OIT offers a wealth of resources to the user at their website. Visit **http://www.uta.edu/oit** as necessary.

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# 3) *Class Administration Policy*

**Class Attendance Policy – General:**

The course content is nontrivial. Faithful and timely attendance is mandatory if an adequate knowledge of the material is to be secured. You are expected to know lecture contents and announcements. ***Attendance is taken at each class session, via a sign-in sheet. At each class session UPON YOUR ARRIVAL, it is your responsibility to locate the sign-in sheet and sign by your name BEFORE taking your seat. If you have NOT signed the sign-in sheet by the time the instructor begins class discussions, you ARE tardy. Chronic tardiness will NOT be tolerated.***

**Class Attendance Policy – Absence From Class:**

If you must be absent, you are expected to notify the instructor in advance via e-mail message as to when and why you will be absent, so that the instructor may determine whether or not the absence will be considered "excused". If you cannot make notification in advance, you are expected to do so as soon as practicable after the absence is incurred. Failure to make this notification will result in the absence being considered unexcused and may adversely affect final course grade. Excused absences do NOT incur an attendance penalty, BUT they DO adversely affect the student's opportunity for learning. ***Unexcused absences will not be tolerated. They indicate a student's lack of seriousness and lack of commitment. If you accumulate more than two (2) unexcused absences, you must meet with the course instructor to discuss your lack of commitment and potential to continue in the class. You will not be allowed to take any further exams until you have had this meeting; any exams missed on account of this issue will receive a grade of zero.***

**Class Attendance Policy – Unexcused Absence Penalty:**

An unexcused absence may incur a course grade penalty as suggested in the Class Grade Policy section.

**Conduct In Class:**

Maturity and a genuine desire to learn are assumed. To promote a class atmosphere conducive to the learning process, neither disruptive behavior nor disruptive events will be tolerated. ALL devices that make audible sounds (cellular phones, laptops/pc's, pagers, ALARM WATCHES, etc.) will be placed in silent mode before entering the classroom. ***Students choosing to ignore this requirement will be immediately dismissed from the class session.***

**Recording During Class Session:**

The use of student-provided audio and/or video recorders of any nature is prohibited.

**Devices Allowed/Prohibited In Class:**

**The use of stylus-enabled tablet PCs/IPADs for note taking and annotation during lecture is permitted and encouraged. Taking of pictures (e.g. with cell phones) is prohibited. The use of lap-top/other computers, PDAs, video phones, cell phones, IPODs, and like devices during lecture is prohibited. *Students choosing to ignore this restriction will be immediately dismissed from the class session.***

**Scientific Calculator:**

A good-quality scientific calculator is required for use in this course. In addition to the usual trigonometric, exponential, and arithmetic functions, your calculator must have the capability of performing operations on complex numbers and solving simultaneous equations with real and complex coefficients in a matrix format. If you do not already own a calculator with these capabilities, the **TI-Nspire CX CAS** is suggested. Other suitable calculators: HP50G, HP48GX, HP49G, TI-100, TI-92+, TI-89 Titanium, TI-86 or TI-85. Other earlier model calculators (that may have been acquired in secondary school, e.g. TI-84) do not offer the capabilities required for a headache-free experience.

**Readings Prior to Class Session:**

The student is expected to have read the assigned readings and relevant lecture notes at least once by the specified date, so as not to come into the lecture cold. Lectures will review and augment the material.

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## Class Grade Policy - Composition of Raw Course Score Total:

| *Course Grade Component* | *Weight Per Course Grade Component Item* | *Course Grade Component Weight Total* |
|---|---|---|
| Exams (3) | 29% | 87 % |
| Homework Assignment Exercises | Equally Weighted | 13 % |
| Attendance Penalty | # of unexcused absences (>2) × 3% | (***x*** %) |
| | Raw Course Score Total: | 100 % |

## Class Grade Policy - Derivation of Final Letter Grade:

The instructor seeks to assess your demonstrated level of understanding of the class material via your performance on graded items (homework, examination). The score earned on a graded item is a raw score between 0% and 100%. E.G., if a score of 80% is earned, the instructor reasonably concludes that the student demonstrated an 80% level of understanding of the material presented in the graded item.

At the END of the semester, after all graded items in each Course Grade Component have been scored, student's level of understanding for the course is assessed via the "Raw Course Score Total". At this point, the instructor may/not decide to adjust the Raw Course Score Total to derive the "Final Course Score Total". Any such adjustment is uniform for all students that have faithfully participated in class activities for the entire semester.

Final letter grades derive from the "Final Course Score Total". This instructor: a) does NOT assign final letter grades based on a statistical distribution ("curve"); b) does not decide the amount of any adjustment to the Raw Course Score Total until the semester is concluded (students MUST NOT depend on any given amount of adjustment, which usually is 0%); and, c) does not use any grade calculation scheme other than stated above. Final letter grades are defined as to interpretation in the university catalog.

| Final Course Score Total Range | Letter Grade | University Catalog Interpretation |
|---|---|---|
| 88% - 100% | A | Excellent |
| 75% - 87% | B | Good |
| 63% - 74% | C | Fair |
| 51% - 62% | D | Passing |
| 0% - 50% | F | Failure |

Students are expected to keep track of their performance throughout the semester and seek guidance from available sources (including the instructor) if their performance drops below satisfactory levels.

## Grade Grievances:

Any appeal of a grade in this course must follow the procedures and deadlines for grade-related grievances as published in the current undergraduate catalog. See http://wweb.uta.edu/catalog/content/general/academic_regulations.aspx#10.

## Homework (and Expectations for Out-of-Class Study):

The purpose of each homework assignment is to provide practice in mastering the concepts of the chapters. Homework will be assigned over each section of material covered in the text and lectures. ***Homework assignments ARE graded***. Tests are based in part on the kinds of exercises assigned in the homework. Homework solutions are provided. ***Most students entering this course for the first time and unfamiliar with the material may expect to spend a significant number of hours per week on course studies exclusive of class time.***

Homework assignments will be found at the appropriate link on the course website. Upon following the link, you are asked to log in as a user, using your UTA MyMav Signon NETID. Once logged in, you are presented with the list of homework exercises. Work from the column for the assignment you need, i.e., *HW01*, *HW02*, etc. When you enter your answers, they will be checked. When your submitted answers for an exercise are 100% correct, the data base records your results.

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## Admission to Testing Sessions (Exam/Quiz):

A student will be permitted to sit for and take a test (exam/quiz) ONLY if the student presents his/her UTA-issued Student Identification Card. Students arriving at a testing session WITHOUT this credential will NOT be allowed to take the test and WILL receive a grade of zero. ***NO OTHER FORM OF IDENTIFICATION IS ACCEPTABLE – NO EXCEPTIONS.***

## Exam:

A major test is referred to as an "exam". An exam occurring during the course of the semester is referred to as a "mid-term" exam. Exams are based upon the text material and concepts covered in lecture. Each exam will emphasize, but not necessarily be limited to, all material covered since the previous exam. Exams will be given according to the Course Syllabus Document - Lecture & Assignment Schedule. Exam documents are retained by the instructor.

## Resources Permitted During Testing:

All testing deliverables, unless otherwise specified, are closed resource tests (closed text, closed notes, closed homework, closed mouth). ONLY those resources if any specifically designated as permitted by the instructor may be used during a test. Pencils, erasers, and straight edge are routinely permitted and suggested. Any additional required scratch paper will be provided. Devices of any kind (other than approved calculators) are NOT permitted. The instructor will advise as to other permissible resources if any.

## Preparation & Grading of Testing Deliverables:

The instructor is solely responsible for the composition, answer key, and scoring scenario of all testing deliverables (quiz and exam). "Grading" is the process of marking and scoring a student's deliverable in accord with the answer key and scoring scenario designated by the instructor. The instructor may receive assistance with grading from his teaching assistant(s).

If you believe a mistake has been made in the ***grading*** of any testing deliverable item, you have the privilege of discussing the matter for remedy. Your first effort must be to contact the person who graded the item. If remedy satisfactory to you is not achieved at this point, you may then see the instructor for further discussion. The instructor will, under no circumstances, discuss a grading matter with any student if related to an item scored by the teaching assistant unless the assistant has been contacted first. ***The above privilege is limited to one week after the item has been initially returned.***

If the teaching assistant is the ***grader***, the teaching assistant is authorized by the instructor to deal ONLY with the marking and/or totaling of points that represent mistakes (deviation from instructor's key, scoring scenario, or instructions). ***The teaching assistant is NOT AUTHORIZED to personally decide such matters as whether an item should or should not be answered/scored differently than instructor has designated. All such issues are decided SOLELY by the INSTRUCTOR. Any verbal or other attempt to coerce the teaching assistant into such a decision are viewed EXTREMELY HARSHLY by the instructor and WILL NOT BE TOLERATED.***

## Make Up of Missed Testing:

There will be NO make-up of tests unless the instructor has been notified in advance, and then only under extreme circumstances as determined by the instructor, whose decision is final.

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## Special Consideration:

A request for special consideration regarding any course aspect must be appropriately documented in advance.

***Special consideration NEVER includes assignment of a higher grade than was earned or a grade of incomplete (X) to mitigate the consequences of student performance. Don't even ask!***

As someone with the personal ethics that he expects of all his students, the instructor cannot admit to the grading process any issues whatsoever that are in fact consequences to the student of the grade earned. Instructors do not "***give***" a grade; students ***earn*** a grade via performance. An honest instructor is only a reporter of the grade earned. An honest student understands this.

Such issues as "If I don't get a …, then I will …"

- Lose my scholarship
- Lose my financial aid
- Lose my right to remain in university
- Delay my schedule for graduation

are several of the very real and important consequences of one's performance in this class. The prudent student will remain constantly aware of the consequences of performance during the period when alterations of performance ***can*** make a difference. This period is long over by the time grades are assigned. While your instructor very much cares about these consequences, only you as the student have the power to effect them.

## Grade Reporting Issues:

Interim and final course grade component numbers are published in UTA Blackboard. Due to federal legal privacy protection issues, grades cannot be disseminated via e-mail. Final course letter grades will only be published via MyMav at end of semester. You are welcome to come by to view your last examination in the instructor's office AFTER regular office hours have commenced for the following semester in which the instructor is teaching. The instructor will be unavailable for meetings of any nature and unresponsive to e-mails regarding course performance and exam review in the inter-semester period.

## Drop Policy:

Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. Students will not be automatically dropped for non-attendance. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. Contact the Financial Aid Office for more information.

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## Teaching Assistants:

One or more teaching assistants are assigned to this class. They have various duties and responsibilities, a primary obligation being the provision of first-level of assistance with homework assignments; so, students are encouraged and directed to avail themselves of this opportunity and resource as necessary. The teaching assistants maintain posted office hours. It is the student's responsibility to know and observe these hours. The assistants are NOT obligated to provide assistance at any other time. Any assistance that MAY be provided at times OTHER than during posted office hours is STRICTLY at the discretion of the teaching assistant and is a matter strictly between the student and the assistant.

## Instructor's Office Hours:

In semesters when possible, your instructor will maintain office hours according to a posted schedule; when NOT possible, office hours will be by appointment or other method as practicable. Office hours with your instructor are for your benefit to answer questions or deal with topics best not handled during the class lecture period. Each student will be accommodated on a first-come first-served basis. A student's time in conference with the instructor will NOT be curtailed based on whether or not other students are waiting to see the instructor. Thus, since office hours are a limited resource, out of courtesy to your classmates, please limit the subjects for discussion to class and course related matters. In semesters where office hours are being maintained according to a posted schedule, if it is mandatory that an in-person visitation be made during non-office hours, please make a scheduled appointment in advance.

## Courtesy In Respecting Posted Hours:

Your instructor and his teaching assistants have other obligations and responsibilities beside the conduct of this class that may include such activities as taking their own classes, conducting research, performing counseling, etc. Therefore, even though they may be physically in their respective offices at times other than the posted office hours for this class, their presence does NOT imply availability for extended office hours, and unscheduled visitation on class matters during such will NOT be entertained. Therefore, please observe posted office hours. Instructor and Teaching Assistant office hours commence the 2$^{nd}$ week of class and conclude at the end of the week before dead week.

## Telephone Calls:

Your instructor will NOT answer the telephone during office hours if conferring with someone. After a number of rings, the call may be forwarded (please leave a message with the attendant answering the phone) or enter the voice mail system (please leave a message).

## Seeking Help - Responsibilities and Procedures:

You are enrolled in this class to learn. It is fully expected that you will have need for assistance at times. Your instructor and teaching assistants are here for one purpose only: to give you help and assistance. The following will govern: It is solely the student's responsibility to seek help. If your question/issue is of an administrative nature (i.e. unrelated to course subject matter), e-mail the teaching assistant first. If the TA cannot answer your questions, e-mail the instructor. If the question/issue involves an assignment or class topic, see the TA first; if the TA cannot answer your questions, see the instructor. As a pupil of this class:

- It is your responsibility to proofread all material submitted for grading.
- Your submission will be regarded as being EXACTLY what you intended to submit.
- Bring any errors in addition of points credited the deliverable to the attention of the person who GRADED it, within the time period allowed for such adjustments.
- It is your responsibility to read and respond promptly and appropriately to e-mail messages transmitted to you in connection with this course.

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# 4) *Lecture & Assignment Schedule*

| Week Number | Session Number | Section 002 TR 12:30 - 13:50 Day | Date | Text Sections Accompanying Lecture | EE 2320-002 - "Circuit Analysis" **Course Syllabus Document - Lecture & Assignment Schedule** *Spring Semester* 2017 *H. J. Kearny, Instructor* | Home Work Sets Due | Firm Exam Schedule |
|---|---|---|---|---|---|---|---|
| 1 | 1 | Tue | 2017/01/17 | | Introductory Remarks & Overview, Identification of Text, Class Information & Policy Handout, Complete Ethics Statement & Questionnaire. | | |
| | 2 | Thu | 2017/01/19 | 1.1 - 1.3 | Lecture **01**: Introduction to Electric Circuits | | |
| 2 | 3 | Tue | 2017/01/24 | | (Lecture 01 - Concluded) | | |
| | 4 | Thu | 2017/01/26 | 1.4 - 1.7 | Lecture **02**: Circuit Elements and Essential Laws | | |
| 3 | 5 | Tue | 2017/01/31 | | (Lecture 02 - Concluded) | | |
| | | Wed | 2017/02/01 | | ***Census Date*** | | |
| | 6 | Thu | 2017/02/02 | 2.1 - 2.3, 2.8 | Lecture **03**: Simple Resistive Circuits and Applications | HW01 | |
| 4 | 7 | Tue | 2017/02/07 | 2.4 | Lecture **04**: Node Voltage Method of Circuit Analysis | | |
| | 8 | Thu | 2017/02/09 | | (Lecture 04 - Concluded) | HW02 | |
| 5 | 9 | Tue | 2017/02/14 | 2.5 | Lecture **05**: Mesh Current Method of Circuit Analysis | | |
| | 10 | Thu | 2017/02/16 | 2.6 | Lecture **06**: Simplifying Circuit Analysis: Circuit Equivalence Theorems | | |
| 6 | 11 | Tue | 2017/02/21 | | **Examination 1: Over Lectures 01 thru 05** | HW03 | EX01 |
| | 12 | Thu | 2017/02/23 | | (Lecture 06 - Concluded) | | |
| 7 | 13 | Tue | 2017/02/28 | 2.7 | Lecture **07**: Additional Circuit Analysis Theorems | | |
| | 14 | Thu | 2017/03/02 | 14.1 - 14.4 | Lecture **08**: The Operational Amplifier Device | HW04 | |
| 8 | 15 | Tue | 2017/03/07 | 3, 15.1-15.4 | Lecture **09**: The Inductor and Capacitor | | |
| | 16 | Thu | 2017/03/09 | | (Lecture 09- Concluded) | HW05 | |
| | | Tue | 2017/03/14 | | ***Spring*** | | |
| | | Thu | 2017/03/16 | | ***Break*** | | |
| 9 | 17 | Tue | 2017/03/21 | 4.1 - 4.4 | Lecture **10**: First Order Circuits: Conservation of Energy, Natural Response and Step Response | HW06 | |
| | 18 | Thu | 2017/03/23 | | (Lecture 10 - Concluded) | | |
| 10 | 19 | Tue | 2017/03/28 | 5.1 - 5.3 | Lecture **11**: Introduction to the Phasor Domain | HW07 | |
| | 20 | Thu | 2017/03/30 | | (Lecture 11- Concluded) | | |
| | | Fri | 2017/03/31 | | ***Last day to drop courses; drop ↔ automatic grade of "W".*** | | |
| 11 | 21 | Tue | 2017/04/04 | | **Examination 2: Over Lectures 06 thru 10** | HW08 | EX02 |
| | 22 | Thu | 2017/04/06 | 5.5 | Lecture **12**: Power in the Phasor Domain | | |
| 12 | 23 | Tue | 2017/04/11 | | (Lecture 12 - Concluded) | | |
| | 24 | Thu | 2017/04/13 | 5.4, 5.6 | Lecture **13**: Circuit Analysis in the Phasor Domain | | |
| 13 | 25 | Tue | 2017/04/18 | 6 | Lecture **14**: Introduction To Frequency Response | HW09 | |
| | 26 | Thu | 2017/04/20 | | (Lecture 14 - Concluded) | | |
| 14 | 27 | Tue | 2017/04/25 | 14.5 - 14.10 | Lecture **15**: Active Filters Employing OpAmps: Low Pass & High Pass | HW10 | |
| | 28 | Thu | 2017/04/27 | | (Lecture 15 - Continued) | | |
| 15 | 29 | Tue | 2017/05/02 | | (Lecture 15 - Continued) | | |
| | 30 | Thu | 2017/05/04 | | (Lecture 15 - Concluded) | HW11 | |
| 16 | 31 | Thu | 2017/05/11 | | **Examination 3: Over Lectures 11 thru 15 (At Final Examination Period: 11:00-13:30 )** | | EX03 |

*Text:* Hambley, Allan R., ***Electrical Engineering Principles and Applications*** , 6th Ed., Pearson Education, Inc. © 2014.
*File:* S20172_EE2320_002_LASS.xlsx
*Last Update:* 2016-10-31 10:59

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# Academic Integrity Policy:

All students enrolled in this course are expected to adhere to the UT Arlington Honor Code:

> ***I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.***
>
> ***I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.***

It is the policy of the University of Texas at Arlington to uphold and support standards of personal honesty and integrity for all students consistent with the goals of a community of scholars and students seeking knowledge and truth, and to enforce these standards through fair and objective procedures governing instances of alleged academic/non-academic misconduct.

It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include failure of this course as well as suspension or expulsion from the University.

"Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (UT System Regents' Rule 50101, §2.2).

In an academic community, the standards for integrity ***must*** be ***paramount***. Academic integrity is your obligation, and you bear responsibility therefor in two ways:

First, if you choose to take the risks associated with scholastic dishonesty and any other violation of the Code of Student Conduct and Discipline, you bear responsibility for your behaviors and will suffer the consequences.

Second, if you are aware of scholastic dishonesty and any other conduct violations on the part of others, you bear responsibility to report same to the professor or the assistant dean of students/director of student conduct. Compliance with this responsibility is one of the moral decisions you will make that define you and your worth to society. Don't make the wrong decision.

***Since dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced. All actions or lack of action constituting, contributing to, or suggestive of academic dishonesty are expressly forbidden.***

You are expected to know the University's definitions of and policies regarding academic dishonesty. Visit http://www.uta.edu/studentaffairs/conduct/ for information for students (scope, discipline process, etc.). If academic dishonesty has occurred, action will be taken in line with established procedure both by the EE Department and the UTA Office of Student Conduct.

A student's best defense against facing such consequences is none other than the scrupulous avoidance of even the appearance of any impropriety at all times. During testing, neither look in the direction of anyone else's paper nor communicate with anyone other than the proctor for any reason in any fashion or language. Do not attempt to use any resource other than those specifically authorized by the instructor. When rendering assignments, do your own work.

***This instructor IS WITHOUT TOLERANCE AND IS NOT LENIENT in such matters, nor, should such a situation arise, will any attempt at bargaining or negotiation be tolerated.***

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# Student Feedback Survey:

At the end of each term, students enrolled in classes categorized as lecture, seminar, or laboratory shall be directed to complete a Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student's feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington's effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit http://www.uta.edu/sfs.

# Student Support Services Available:

The University of Texas at Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. These resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals to resources for any reason, students may contact the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or visit www.uta.edu/resources for more information.

# Americans With Disabilities Act:

The University of Texas at Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including the Americans with Disabilities Act (ADA). All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Any student requiring an accommodation for this course must provide the instructor with official documentation in the form of a letter certified by the staff in the Office for Students with Disabilities, University Hall 102. Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability or by calling the Office for Students with Disabilities at (817) 272-3364.

# Information Collected by UTA:

You may be entitled to know what information The University of Texas at Arlington (UT Arlington) collects concerning you. You may review and have UT Arlington correct this information according to procedures set forth in UT System Policy Document 139 - Texas Public Information Act. The law is found in sections 552.021, 552.023 and 559.004 of the Texas Government Code. You can find more information regarding the policy and applicable law at this website: http://www.utsystem.edu/bor/procedures/policy/. UT Arlington's Internet Privacy Policy Page may be found at this website: http://www.uta.edu/oit/policy/cs/web/internet_privacy.html.

# Electronic Communication Policy:

UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at at http://www.uta.edu/oit/cs/email/mavmail.php.

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