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## CONTACT INFORMATION

<table>
<thead>
<tr>
<th>Title</th>
<th>Name</th>
<th>Phone</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>EET Manager</td>
<td>Anne Welch</td>
<td>512.232.5169</td>
<td><a href="mailto:yu.welch@austin.utexas.edu">yu.welch@austin.utexas.edu</a></td>
</tr>
<tr>
<td>Graduate Coordinator</td>
<td>Yoliet Vela</td>
<td>512.475.7025</td>
<td><a href="mailto:yoliet.vela@austin.utexas.edu">yoliet.vela@austin.utexas.edu</a></td>
</tr>
<tr>
<td>Graduate Coordinator</td>
<td>Lauren Salinas</td>
<td>512.475.8649</td>
<td><a href="mailto:lauren.salinas@austin.utexas.edu">lauren.salinas@austin.utexas.edu</a></td>
</tr>
<tr>
<td>Accounting Manager</td>
<td>Tina M. Radke</td>
<td>512.471.3506</td>
<td><a href="mailto:execed.accounting@austin.utexas.edu">execed.accounting@austin.utexas.edu</a></td>
</tr>
<tr>
<td>Invoicing and Billing</td>
<td>Barbara Heine</td>
<td>512.471.3506</td>
<td><a href="mailto:execed.accounting@austin.utexas.edu">execed.accounting@austin.utexas.edu</a></td>
</tr>
<tr>
<td>UT Financial Aid</td>
<td>Sonje Johnson</td>
<td>512.475.6282</td>
<td><a href="mailto:sonje.johnson@austin.utexas.edu">sonje.johnson@austin.utexas.edu</a></td>
</tr>
</tbody>
</table>

### Mailing Address:
- UT Austin – Texas Engineering Executive Education
- Attn: Executive Engineering Master’s Program
- 2613 Speedway, Stop A2800
- Austin, TX 78713-8908

### Physical Address:
- CEE Building
- 2613 Speedway
- Room 2.204
- Austin, Texas 78712-1064

### Fax Number:
- Attn: Executive Engineering Master’s Program, 512.471.0831
Helpful Student Information

Inclement Weather Advisories: Executive and Professional Master’s of Science in Engineering programs will adhere to UT campus closures due to inclement weather. Check for official UT closures at 512-232-9999, or at this link: http://www.utexas.edu/safety/preparedness/closures.

Student handbook online:
Drop/Withdrawal refund schedule: See Page 19.

You MUST contact the TxEEX Graduate Coordinator to initiate a drop or withdrawal. Non-payment of tuition in itself is not sufficient and will result in responsibility for full amount of tuition owed.

Registration: Each October and March in advance of the registration period, students will be surveyed regarding course selection for the upcoming semester. TxEEX staff will then register students for courses during prescribed registration access periods. Invoices with tuition due dates will be sent to students. It is the student’s responsibility to double-check their tuition invoices to ensure they were registered appropriately. Students are responsible for clearing bars that prevent registration.

Late registration: In the event the Graduate Coordinator is unable to register a student during the normal registration period due to a registration bar, for not indicating registration preferences, or for any other reason not due to staff error, the student will be charged a late registration fee in addition to normal tuition as follows:
- $25.00 through the fourth class day (second class day of a summer term)
- $50.00 from the fifth through twelfth class day (third and fourth class days of a summer term)
- $200.00 after the twelfth class day (after the fourth class day of a summer term)

Grade reports: UT does not provide official grade reports. If you need an official grade report for employer reimbursement, you must order an official transcript through the UT Registrar’s Office. Please note that official transcripts showing fall grades may not be available by the end of the calendar year. You will need to make appropriate arrangements with your employer if an official report is required for your reimbursement. TxEEX staff and UT faculty members are not able to provide you with grade reports.
To download an unofficial grade report: http://registrar.utexas.edu/students/grades/report
To order an official transcript: http://registrar.utexas.edu/students/transcripts

Class schedules and faculty information: http://Uteng.org

For all TxEEX accounting issues: execed.accounting@austin.utexas.edu
Tuition payment deadlines (first payment due each semester):
- Fall: September 15
- Spring: January 15
- Summer: May 15

Address updates: It is the student’s responsibility to notify TxEEX of address/email changes, via email to a graduate coordinator. Students must also update their official contact information with the University of Texas at: http://registrar.utexas.edu/services

Online resource links:
University of Texas at Austin home page: http://www.utexas.edu/
TxEEX home page: http://Uteng.org
Canvas: http://canvas.utexas.edu/
EXECUTIVE AND PROFESSIONAL MASTER’S OF SCIENCE IN ENGINEERING

Tailored for busy schedules, these two-year programs provide students the unique opportunity to pursue a master’s degree from a premier institution while working full-time. Students are presented with the best the top-ranked Cockrell School of Engineering has to offer: rigorous coursework encompassing the latest advances and core fundamentals. The programs combine challenging curriculum, immediately applicable tools, and national recognition to prepare tomorrow’s leaders for success.

THE TEXAS ENGINEERING EXECUTIVE EDUCATION

The Texas Engineering Executive Education (TxEEE) is an innovative leader in the training and professional development industry. For over 30 years, TxEEE’s commitment has remained simple: to provide training that makes a profound difference in people’s lives and work. With more than 150 programs worldwide offered across multiple disciplines, TxEEE acts as an information bridge for the top-ranked Cockrell School of Engineering bringing individuals, organizations, and industry the best the School has to offer: cutting-edge research, solid academic reputation, industry expert support, and extensive faculty experience. The end result is relevant, diverse education opportunities that transform lives.

TxEEE ALUMNI INFORMATION

TxEEE Ambassador Program
If you are interested in a fun and rewarding way to impact your Texas Engineering experience, join the TxEEE Ambassador Program. You will have the opportunity to network with professionals with similar interest and corporate representatives of various industries. Word-of-mouth is the best publicity there is and we appreciate your support in helping spread the word. Students and alumni may support the programs in the following ways:

- Provide a student testimonial for our online and print media
- Represent your program at an online or onsite info session
- Arrange for an information session at your company
- Refer an applicant to the programs
- Host coffee chats and class visits with prospective students

LinkedIn Alumni Group
The Texas Engineering Executive Education manages a LinkedIn Alumni Group for our alumni. If you are already a registered user of LinkedIn, simply join our group entitled, “Texas Engineering Executive Education (formerly known as CLEE).” https://www.linkedin.com/groups/7065246

Here, you can post information, start conversations, post jobs, and interact with other Alumni members. We will also post information such as Alumni Happy Hour events, our Continuing Education courses, and more.
Engineering Career Assistance Center
Students and alumni may access the services of the Cockrell School’s Engineering Career Assistance Center. Please visit their website for more information and to register: http://www.engr.utexas.edu/ecac/.

Social Networking
Connect with alumni, students, faculty and staff by utilizing the TxE EE social networking sites. TxE EE is on Facebook, LinkedIn, Google+, and Twitter. Visit the TxE EE website (http://executive.engr.utexas.edu/) for links to our social networking sites.
STUDENT RESPONSIBILITIES

While University faculty and staff members give students academic advice and assistance, each student is expected to take responsibility for meeting all University requirements and deadlines. Students must abide by the academic and disciplinary policies given in the Graduate Catalog and in the General Information Catalog. These policies include rules governing quantity of work, the standard of work required to continue at The University, warning status and scholastic dismissal, and enforced withdrawal. Students must meet the program degree requirements; must enroll in courses appropriate to the program; must meet prerequisites and take courses in the proper sequence to ensure orderly and timely progress; must seek advice about degree requirements and adhere to University policies when necessary.

CHANGING YOUR NAME AND ADDRESS

It is the student’s responsibility to give correct local and permanent addresses, telephone numbers and e-mail address to both the Texas Engineering Executive Education (TxEEE) staff and to The University’s Office of the Registrar. A student may update his or her local and permanent addresses and telephone numbers as well as e-mail address listings at https://utdirect.utexas.edu/apps/utd/ using his or her UT EID. Follow the instructions given in order to activate your UT EID.

COMMUNICATIONS

Students are required to monitor all program communication channels – e-mail, list serves, Canvas – on a regular basis to be aware of all current issues and events pertaining to individual courses and to the program in general. You may wish to set up a TxEEE correspondence email folder to easily follow correspondence throughout the semester. Along with your name, you also have three other important identifiers for the TxEEE staff.

The UT EID is a unique identifier for each student used in lieu of a Social Security Number. Almost any question that you will need answered will require that you supply this ID, so we ask that you supply it along with your full name on all correspondence. Second, you have a program identifier, which is your Program of Study within your respective Executive Engineering Master’s Program. Third, you have a cohort number, assigned based on your first semester enrolled in your program and shared with your fellow class members. Both your program identifier and cohort are extremely helpful to us when discussing course options, payments, and other program related issues. If you forget or are unsure of any of the identifiers, please reference a recent tuition invoice, as it is all included in the invoice number.

E-MAILS, CLASS LISTS AND CANVAS

E-mail: The University’s e-mail policy may be found at: http://www.utexas.edu/cio/policies/university-electronic-mail-student-notification-policy. Essentially, it states The University of Texas at Austin views e-mail to be “a mechanism for official University communications to students.” It is the student’s responsibility to keep his/her e-mail address up to date with both TxEEE and The University and “e-mail returned to The University with ‘User Unknown’ is not an acceptable excuse for missed communication.” Students are responsible for checking their e-mail on a regular (and frequent) basis to ensure that they are receiving all important messages. Additionally, “undeliverable messages returned because of either a full inbox or use of a ‘spam’ filter will be considered delivered without further action required of The University.”
Section 9.4 contains two links that are important: one to sign up for your free University e-mail address and another to register your preferred e-mail address. **It is the Executive Engineering Master’s Program policy to send all student correspondence (invoices, receipts, notifications, reminders, etc.) to one primary e-mail address.**

**Class lists:** The Executive Engineering Master’s Program considers class lists an extension of the e-mail system. Each class list that you are a member of will reference your primary e-mail address and are used for courses as well as for administrative notifications and reminders.

**Canvas:** Canvas is an online course management system used by many instructors across The University and allows “faculty and students to communicate and collaborate through real-time chats, threaded discussions, class e-mail, and online file exchanges.” Further information regarding Canvas can be found at: [http://canvas.utexas.edu/](http://canvas.utexas.edu/).

**Registration Procedures**

Each October and March, the Graduate Coordinator will provide you with the list of course offerings for the upcoming semester and ask for you to select your course(s) for the next semester. Please note that priority will be given to students nearing the end of their program of study. It is important that you respond to these registration e-mails and select your course offerings in the given time frame so that you will be enrolled in the courses by The University’s deadline. TxEEE staff completes the registration process and confirms registration for students. Registration in Option III executive engineering courses is limited to students enrolled in the programs.

**Late Registration Fees**

In the event that the Graduate Coordinator is unable to register a student during the normal registration period due to a registration bar, for not indicating registration preferences, or for any other reason not due to staff error, the student will be charged a **LATE REGISTRATION FEE IN ADDITION TO NORMAL TUITION** as follows:

- $25.00 through the fourth class day (second class day of a summer term)
- $50.00 from the fifth through twelfth class day (third and fourth class days of a summer term)
- $200.00 after the twelfth class day (after the fourth class day of a summer term)

(These class days are determined by The University’s traditional semester calendar.)

**Upon being late registered by TxEEE staff, it is the student’s responsibility to confirm registration by 5p.m. the same day.** Student registration confirmation is not required EXCEPT IN CASES REQUIRING LATE REGISTRATION. Failure to do so will result in registration being cancelled by the university.

**Course Formats**

The Executive Engineering Master’s Programs are two-year degree programs that begin in either January (Spring Semester) or August (Fall Semester) of each year depending on the course of study. The Engineering Management program also offers a fast-track option in which students can complete the program of work requirements in approximately 15 months.
Upon successful completion of all program requirements, The University of Texas at Austin confers a Master of Science in Electrical and Computer Engineering degree with a concentration in Software Engineering to graduates of the Software Engineering program (SWE), a Master of Science in Engineering degree with a concentration in Engineering Management to graduates of the Engineering Management program (ENM), a Master of Science in Mechanical Engineering degree to graduates of the Mechanical Engineering program (MME), and a Master of Science in Electrical and Computer Engineering degree to graduates of the Electrical and Computer Engineering program (ECE).

Program Requirements include:

**Orientation**
A one-day mandatory orientation session is held in January and August prior to the start of classes. Students will receive information regarding student responsibilities while enrolled, requirements specific to their particular program, and information regarding payment of tuition and fees. At orientation, students will also obtain a student ID. Students in the online Mechanical Engineering program can also participate in an online orientation through Canvas.

**Courses**
The ENM program consists of a total of eight long semester courses that meet once per month on Friday and Saturday, and two project courses normally taken during the summer sessions. Students taking two courses each long semester may complete the program in two years. The SWE program has a total of four long semester courses that meets once per month on Friday and Saturday as well as two summer semesters with classes meeting all day Friday and Saturday for a total of five days or an additional one long semester. Students in the MME program participate in online classes asynchronously via Canvas. Students in the ECE program participate in online classes synchronously via Canvas.

**Master’s Report (Electrical & Computer Engineering Engineering)**
A Master’s Report is an option and is submitted in the final semester of the two-year program.

**Thesis (Electrical & Computer Engineering Engineering)**
Two Thesis courses, Thesis A and B, are required, and the final product is submitted in the final semester of the two-year program.

**Projects (Engineering Management)**
Two projects courses, Projects A and B, are required. A project is submitted and a presentation is given each summer of the two-year program. If a student misses enrolling in the projects course either summer, they are required to take it the following semester, unless other arrangements have been made with the Graduate Coordinator. First year students attend a four-day presentation event their first summer, and second year students attend a two-day presentation event.

**MASTER’S REPORT AND PROJECTS**
Before registering for ECE Master’s Report or Thesis option or ENM Projects course(s), students must submit your topic and supervising faculty member’s name or committee member’s names to the Graduate Coordinator. An e-mail will be sent soliciting the online submission of the required information.
A Projects Workshop is held each spring semester at which the Program Directors and TxEED Staff provide information to students on the process and deadlines.

**ATTENDANCE, ABSENCE, AND PUNCTUALITY**

Regular attendance at all meetings of the classes for which a student is registered is expected. Students are responsible for contacting faculty directly to submit any work due in a missed class session and to arrange to make up any work missed.

**DROPPING A COURSE AND Q DROPS**

A student may drop a course with the required approvals through the last class day of a semester or summer term. From the thirteenth through the twentieth class day of a long-session semester, and from the fifth through the tenth class day of a summer term, the student may drop a course with no academic penalty. After the twentieth class day of a long-session semester, and after the tenth class day of a summer term, the instructor will be asked to record either a “Q” or “F” symbol on the drop form. A “Q” is recorded if the student is passing the course or a grade of “F” will be recorded if the student is failing at the time the course is dropped.

Students must contact the Graduate Coordinator to drop a course. Failure to submit an email request to the Graduate Coordinator will result in responsibility for the full amount of tuition and fees due for each course, and may result in a failing grade.

If the student is in a warning status because of failure to maintain a grade point average (GPA) of at least 3.0, he or she may not drop a course without the recommendation of the graduate adviser and the approval of the graduate dean.

Specific deadlines for dropping a course are given in the academic calendar. Contact the staff for information regarding these dates. Please note that full refunds are given only prior to the first class day of the semester. See the “Refunds” section for additional information. PLEASE SEE COMPLETE REFUND SCHEDULE. (p. 17)

**LEAVE OF ABSENCE**

A request for leave must be made in advance of the semester for which the leave is granted. Please contact the Graduate Coordinator for assistance in completing the withdrawal form (see ‘Contacts’, page 1). Once a withdrawal request for the semester has been received by the program, a “Leave of Absence” form will be completed for the student. This form permits the student to return to The University within two long semesters. Please note that the student must complete an “Application for Readmission” in order to be readmitted to UT and to resume courses.

**WITHDRAWAL**

Dropping an entire course load constitutes withdrawal from The University for that semester. Please contact the Graduate Coordinator for assistance in completing the withdrawal form (see ‘Contacts’, page
1). The refund schedule for withdrawal from classes is identical to the schedule for refunds for adds and drops (see above). Students cancelling or withdrawing are responsible for tuition according to the UT refund schedule (p. 17).

**DISMISSAL**

A student who fails to meet the admission conditions may be subject to dismissal. The standard Office of Graduate Studies admission conditions may be found at: [http://catalog.utexas.edu/graduate/degree-requirements/warning-status-academic-dismissal-termination/](http://catalog.utexas.edu/graduate/degree-requirements/warning-status-academic-dismissal-termination/) and are:

1. the student must make satisfactory progress in fulfilling any conditional admission conditions that were imposed
2. meet any requirements made in writing by your Graduate Studies Committee (GSC),
3. maintain a grade point average of at least 3.0, and
4. have approval of the Graduate Studies Committee

Additionally, the student must be making satisfactory progress toward a degree as determined by his/her Graduate Studies Committee. If the GSC determines that a student is not making satisfactory progress, it may recommend that the student’s program be terminated. Please note that a student with a grade point average below 3.0 at the end of any semester will receive a warning letter from the Graduate School and must bring his/her cumulative graduate grade point average up to at least 3.0 by the end of the following semester in which the student is enrolled. Students under Office of Graduate Studies warning must have approval of the graduate dean to drop any courses in the warning semester.

**SPECIAL NOTE to SWE and ECE students:** In addition to meeting OGS requirements, must also meet requirements of the Department of Electrical and Computer Engineering: no more than one class with a grade of ‘C’ may be applied to the student’s overall program of work requirement.

**SCHOLASTIC DISHONESTY**

Plagiarism and other forms of scholastic dishonesty are serious academic violations that will not be tolerated. Scholastic dishonesty encompasses, but is not limited to, cheating, plagiarism, collusion, and any act designed to give an unfair academic advantage to the student.

“Cheating” includes, but is not limited to:
- copying from another student’s work
- using materials not authorized by a testing proctor
- possessing materials that are not authorized by a testing proctor, such as lessons, books, or notes
- knowingly using or soliciting, in whole or part, the contents of an unadministered test
- collaborating with or seeking aid from another student without authorization during the test
- substituting for another person, or permitting another person to substitute for oneself, in taking a course test or completing any course-related assignment
- using, buying, stealing, or transporting some or all of the contents of an unadministered test, test rubric, homework answer, or computer program

“Plagiarism” includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means someone else’s work and then submitting that work for credit as if it were one’s own.

“Collusion” includes, but is not limited to, unauthorized collaboration with another person in the preparation of an academic assignment offered for credit.
The penalties for scholastic dishonesty in graded assignments include the possibility of failure in the course. Scholastic dishonesty in examinations will result in a grade of “F” on the examination and an “F” in the course.

EXAMINATIONS AND GRADES

Examinations, reports and other assignments are given in the program courses. Faculty members grade students not only on their examinations but also on various assignments, course deliverables and class participation. However, grades are given for each of the courses offered in the program with the exception of the report courses, which are only offered on a Credit/No Credit basis. A student receiving a grade of C or higher satisfies the course requirement. To remain in good academic standing and to graduate from the program, a student must maintain a 3.0 GPA or “B” average. Please also note that graduate courses use a +/- grade system. Letter grades with their decimal equivalents are as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Decimal Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.67</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.67</td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
</tr>
<tr>
<td>C-</td>
<td>1.67</td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>0.67</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
</tr>
<tr>
<td>D+</td>
<td>1.33</td>
</tr>
<tr>
<td>C+</td>
<td>2.33</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
</tr>
</tbody>
</table>

INCOMPLETES

If a student does not complete all assignments in a course before the end of the course, the instructor may report the symbol “X” (temporary incomplete) to the registrar in place of a grade. The student must then complete the course requirements by the last class day in his or her next long semester of enrollment and the instructor must report a final grade by the end of the grade reporting period in that semester. If these deadlines are not met, the symbol “X” is converted to the symbol “I” (permanent incomplete). If the student is not enrolled during a long semester for twenty-four months following the end of the semester in which the “X” is reported, and the instructor does not report a final grade, then the symbol “X” is converted to the symbol “I”. The symbol “I” cannot be converted to a grade. When the symbol “I” is recorded, the student must register and pay for the course again in order to receive credit.

GRADE REPORTING

Grades are reported at the end of each semester and are viewable online at [http://registrar.utexas.edu/students/grades/](http://registrar.utexas.edu/students/grades/). Students may view and print an unofficial grade report at this site. Official grade report forms are no longer mailed directly to students. If you require an official grade report, for example for company tuition reimbursement, you must order an official transcript each semester at a cost of $20. Students may order a transcript online with their UT EID and password at [http://registrar.utexas.edu/transcripts](http://registrar.utexas.edu/transcripts).

TRANSCRIPTS

A student in the Engineering Master’s Program can order a copy of their transcript online or by using the telephone, ordering in person, or by a third party order. Please go to [http://registrar.utexas.edu/transcripts](http://registrar.utexas.edu/transcripts) for transcript ordering options and instructions.
GRADUATION

The University of Texas Office of the Vice President and Dean of Graduate Studies coordinate graduation ceremonies for The University’s graduating class. Information from the Office of Graduate Studies will be sent directly to you upon your certification of graduation. Diplomas are mailed to your permanent address (address of record) 4-6 weeks after graduation.

Students are eligible to attend the following graduation events:

- University-wide Commencement: held each May
- Graduate School Convocation: held each May
- Cockrell School of Engineering Convocation: held each May

In addition, Texas Engineering Executive Education holds a dinner for Executive and Professional Master’s of Science in Engineering programs. For information on graduation events, please contact the Graduate Coordinator.
PROGRAM FEES

The fee for the Engineering Executive Master’s Program varies by program and covers the following items for the entire two-year program: orientation, tuition and fees, report or projects course(s), graduation, a supplemental on-line learning environment, and access to The University of Texas at Austin resources.

**A non-refundable tuition deposit of $1000 is due upon admission into the program in order to secure placement.** This initial fee is applied to the total program fees for the first semester’s bill. The program fee by course of study is as follows:

<table>
<thead>
<tr>
<th>Program</th>
<th>Total Program Tuition</th>
<th>Tuition and fees Per Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical and Computer Engineering</td>
<td>$45,000</td>
<td>$4,500</td>
</tr>
<tr>
<td>Engineering Management</td>
<td>$42,000</td>
<td>$4,200</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>$40,000</td>
<td>$4,000</td>
</tr>
<tr>
<td>Software Engineering</td>
<td>$34,000</td>
<td>$3,400</td>
</tr>
</tbody>
</table>

COURSEWORK BEYOND THE TWO-YEAR PROGRAM

If a student extends their program of study beyond two years and the program institutes a fee increase, the student will be required to pay the new fee. Further, The University of Texas Graduate School policy states that a student must complete their program of study within six years beginning at the first semester enrolled in the program.

BARS

A bar is a code placed on the records of students who have not met financial or non-financial obligations to The University. A financial bar is a delinquent debt, such as non-payment of tuition, library books or parking tickets. A non-financial bar may be caused by failure to turn in health center forms or visa information (international students). A bar on your record will prevent you from registering, adding classes, graduating and obtaining transcripts. **It is the responsibility of the student to make sure that all bars are cleared before each registration period begins, including payment of the full tuition amount for the current semester.** Plan to check your bars at this site prior to registration each semester: [https://utdirect.utexas.edu/registrar/ris.WBX](https://utdirect.utexas.edu/registrar/ris.WBX)

A student can pay for their financial bar online on the “What I Owe” page using their UT EID and password: [https://utdirect.utexas.edu/acct/rec/wio/wio_home.WBX](https://utdirect.utexas.edu/acct/rec/wio/wio_home.WBX)

BILLING

A billing statement for payment of program fees is generated for each student each semester. It is sent as a .pdf attachment each semester to each individual student’s **primary e-mail address** around the following dates:

- Fall Semester – August 15
- Spring Semester – December 1
- Summer Semester – April 15
Books, software, and other materials or supplies required for completing coursework are the responsibility of the student and are not covered by the regular program fees. However, in some semesters there may be books or other required materials or supplies for some courses that the student would not be able to acquire easily or at a competitive price without the program’s assistance. In these circumstances, the program will acquire the materials and distribute them to the students and then submit a separate, itemized billing statement to the student for the items. This billing statement typically arrives toward the end of the semester.

**STUDENT ACKNOWLEDGMENT**

Each semester, upon receipt of the invoice, it is the student’s responsibility to do two things:

1) Verify that the course offering(s) listed on the invoice are correct
2) Notify TxEEE Accounting regarding plans for payment – in particular if any funds will be disbursed through the Office of Financial Aid, through a company sponsorship program (vouchering or reimbursement), or if the student will be receiving VA benefits.

**DEADLINES**

Payment **must** be received by the Texas Engineering Executive Education on or before the **due date indicated on the invoice** (approximately 30 days from the invoice date.)

- Fall Semester – September 15
- Spring Semester – January 15
- Summer Semester – May 15

Please contact TxEEE Accounting if you have any questions regarding these policies.

**PAYMENT METHODS**

Payments may be submitted by a number of methods, and methods 2 – 4 must reference the full invoice number:

1) Office of Financial Aid – these are typically Federal loans, and the student must: coordinate with OFA to ensure that proper procedures are completed in order to have funds disbursed, sign a TxEEE promissory note prior to enrollment, and provide TxEEE Accounting with the payment schedule. Financial Aid is may be disbursed electronically directly to the Executive Engineering Master’s Program, however in the event the disbursement is made to the student it is the responsibility of the student to submit payment to TxEEE.

2) Company Vouchering – this method typically proceeds as outlined:
   a. The student requests company funding for their education and completes all company-required documentation according to the organization’s deadlines.
   b. The company approves educational funding and sends the student a voucher verifying the amount of financial support.
   c. The student forwards the voucher to TxEEE Accounting in advance of the payment deadline.
   d. TxEEE Accounting invoices the company directly on behalf of the student.

3) Self-payment, which has three options:
   a. **Most forms of electronic payment are submitted through the “What I Owe” feature of UT Direct** found at: [https://utdirect.utexas.edu/acct/rec/wio/wio_home.WBX](https://utdirect.utexas.edu/acct/rec/wio/wio_home.WBX).
   b. Personal checks, which may be either sent via the US mail or hand-delivered to the TxEEE office.
A pre-approved payment plan may be requested each semester. Payment plans must be in writing and approved by TxE Account in advance of the payment deadline. A payment plan can be divided into no more than three payments per semester, and will be assessed a $50 service fee on the billing statement each semester a payment plan is used. Typically, the first payment must be received on or by the payment deadline and equal at least fifty percent (50%) of the total semester’s bill.

NOTE: Students on a reimbursement program with their company are responsible for and must make arrangements to pay tuition prior to registration using another method by the deadline.

Students are responsible for remitting all tuition and fees billed, even if they are receiving assistance from a third party. Failure to make scheduled payments each semester will result in the loss of installment privileges, and will prevent registration in subsequent semesters.

In each situation stated above, it is the student’s responsibility to meet all agreed upon deadlines and to provide all necessary information and documentation regarding financial arrangements. Failure to pay by the agreed upon deadline may result in:

1) Placement of a bar on your record until full payment is received
2) Disqualification of waivers for subsequent semesters
3) A late payment fee on the unpaid balance
4) Dismissal for the remainder of the semester and a bar on future registration until the amount is paid in full.

There are no exceptions to this policy. Please observe the payment deadlines & special request policies.

**FINANCIAL ASSISTANCE**

The Texas Engineering Executive Education office is unable to provide direct financial assistance to students. However, students who are U.S. citizens or permanent residents who are enrolled in the program are eligible for Federal Loans through the Office of Financial Aid (OFA). Please contact Sonje Johnson at sonje.johnson@austin.utexas.edu or 512.475.6282 or at OFA for more information regarding these loans. Students are also encouraged to check with a lending institution of their choice for other possible student loans.

In order to apply for a federally-backed educational loan, you will need to complete the Free Application for Federal Student Aid (FAFSA) online at [http://www.fafsa.ed.gov/](http://www.fafsa.ed.gov/). Once this form has been submitted, you may also sign up to receive your Financial Aid Notification (FAN) electronically at [http://finaid.utexas.edu/](http://finaid.utexas.edu/). You will need to complete the FAFSA each fiscal year you wish to receive aid.

It is important to note that your application is completed based on your income tax filing for the previous year and your award will be for the **Summer and Fall of the application year and the Spring in the following year** (i.e. your 2015 income taxes are filed in 2016, and your financial aid is awarded for Summer & Fall 2016, and Spring 2017.) It is important to pay attention to all communications received in regards to your financial aid in order to avoid delaying your payment.

**VETERAN’S ADMINISTRATION INFORMATION**

Eligible students in the Executive Engineering Master’s Program can receive Veterans Administration benefits through the Office of the Registrar at The University of Texas at Austin. Please call
512.475.7540 for more information. General information regarding Veterans Administration benefits is available at the Veterans Administration web sites: http://registrar.utexas.edu/students/cert/vetn (for UT Austin students) or http://www.va.gov (for other applicants).

Please note that the Hinson-Hazelwood benefits are not available for students enrolled in the Executive Engineering Master’s Program because the program is self-supporting and does not receive State funding.

**DELINQUENT ACCOUNTS**

Students with delinquent accounts will be referred to an outside collections agency to collect payment.

**RECEIPTS AND ITEMIZED RECEIPTS**

Receipts are generated within one week of any portion of the invoiced tuition being paid, and e-mailed to the student’s primary e-mail address, with any outstanding balance reflected at the bottom. Additional payment will result in additional receipts until the invoiced amount, plus any accrued late penalties, are paid in full. Itemized receipts are not generated except under special circumstances, and must be requested a minimum of two weeks prior to the date they are needed in the semester. Waiting until the end of or after the semester has ended will result in delays. An itemized receipt will only break out an estimated cost for each course and the individual student’s mandatory fees.

**LATE FEES**

A fee of 5% of the total outstanding tuition will automatically be assessed on delinquent payments on the third business day following the payment deadline, and an e-mail will be sent to your primary e-mail address notifying you of the late fee.

All late fees and tuition must be paid in full or registration and graduation will not occur. In addition, in the event that the Graduate Coordinator is unable to register a student during the normal registration period due to a registration bar, for not indicating registration preferences, or for any other reason not due to staff error, the student will be charged The University’s late registration fee as follows:

- $25.00 through the fourth class day (second class day of a summer term)
- $50.00 from the fifth through twelfth class day (third and fourth class days of a summer term)
- $200.00 after the twelfth class day (after the fourth class day of a summer term)

These class days are determined by The University’s traditional semester calendar.

**REFUNDS**

The Executive Engineering Master’s Programs use The University's refund policy; however, class days in the onsite and hybrid programs that meet once per month are determined by the number of contact hours that have been held as follows:

- 100% - Before the first class day
- 75% - On the first class day (the Friday of the first weekend)
- 50% - On the second class day (the Saturday of the first weekend)
- 25% - On or before the third class day (the Friday of the second weekend)
- 0% - On or after the fourth class day (the Saturday of the second weekend)
Additionally, when a student is in either an onsite or hybrid programs that meet once per month is only registered for a course(s) that does not have class days (such as the Master’s Report or Projects) or for students in the online programs that follows a traditional weekly meeting schedule, the following refund policy applies:

- 100%-Before the first class day
- 75%-From the first through fourth class day (first and second day of a summer term)
- 50%-From the fifth through twelfth class day (third and fourth class day of a summer term)
- 25%-From the thirteenth through sixteenth class day (fifth and sixth class day of a summer term)
- 0%-After the sixteenth class day (sixth class day of a summer term)

These class days are determined by The University’s traditional semester calendar.

1098-T INFORMATION

The University releases 1098-T information on behalf of each student to the Internal Revenue Service each year in January. You may download your 1098-T for the previous year from UT Direct beginning in the first week of February. Please note that the Executive Engineering Master’s Program reports all tuition as invoiced each semester minus the mandatory fees (the “Less Third-Party Billing” amount reflected on your “My Tuition Bill” page) as tuition. Any payments received on your behalf through company sponsorship are reflected as scholarship funds.

Please note that the 1098-T information is not automatically released for International Students since many are exempt from filing US income tax. If you are considered an international student and do file US income tax you must request to have your 1098-T information sent to you in UT Direct.

TAX INFORMATION FOR GRADUATE STUDENTS

Please visit the following website: http://www.irs.gov/uac/Tax-Benefits-for-Education:-Information-Center for information regarding tax issues for graduate students. Changes were made to improve the tax situation for graduate students when the Taxpayer Relief Act of 1997 came into effect. Please contact a tax practitioner about your personal income tax situations if you have questions.

“WHAT I OWE” AND “MY TUITION BILL”

“What I Owe”: One of two important pages related to a student’s University finances, it reflects any outstanding balances owed to The University of Texas at Austin. All charges from a single University department are grouped together. In addition to showing what you owe, on the actual webpage there is also a Navigation Menu on the left-hand side with links to available payment options, a link to “My Tuition Bill”, and clicking on the Total Amount will take you to your transaction history.

“My Tuition Bill”: The second important page related to a student’s finances, it is the screen which reflects all of The University mandatory and optional fees assessed each semester. The types of fees The University assesses vary by student and semester, as well as by program and course load. There are a couple important points to note in regards to this screen.

1) It is the simple and quick way to verify that everything that needs to be done to register for classes has been completed
2) It is where you can confirm your registration and intent to attend in the given semester, if necessary

3) It is where you will see any optional fees that you have elected, the program does not pay your optional fees and you will be financially responsible for any of the optional fees you select.

Normally, the program pays all of your mandatory fees and confirms your registration prior to the University’s deadline, which follows the traditional academic calendar, and the student will see the following line about a third of the way down the page:

**Your registration is complete**

As well, both of the lines: “Total Tuition and Fees Billed” and “Current Balance”, are $0.00 (excluding optional fees).

A student who shows **Your registration is complete** on this page is responsible for all tuition and fee amounts for the semester and must contact the Graduate Coordinator in order to drop any courses or be eligible for any refund.
The Executive Engineering Master’s Program will provide each student with one picture identification card that enables the use of many university facilities and services. Additionally, discounts are available from various community businesses (movie theaters, restaurants, etc.) upon showing your UT student ID. In the event of loss, the student will be invoiced $10 for a replacement card. Please be sure to notify the staff if you lose your ID card.

In addition to your student ID card, each student has a UT EID for use not only in identification but also to use to logon to University internet resources. You typically pick your password when you set up your UT EID, however, under normal circumstances students also pick a high assurance password for using secure services (making payments, etc) when they pick up their photo IDs. Graduate students may call (512) 475-7391 to setup their high assurance password for their UT EIDs.

Students can access and update much of their personal information online through UT Direct. There is a link from The University of Texas homepage found at http://www.utexas.edu/ and the UT Direct link can be found in the list across the top of the page. Accessing UT Direct will require that the student know his/her UT EID and password.

The University of Texas at Austin International Office provides a variety of services and programs for international students. They are located at 2400 Nueces Street (in International Office building, INT). Their phone number is (512) 471-2477.

All international students regardless of visa status are assessed a mandatory student fee each semester by the International Office that must be paid by the student. The fee is $125 each semester as of fall 2016.

International students who attend the Engineering Management program on an F-1 student or J-1 exchange visa are automatically enrolled in the student insurance program and billed for the cost of that policy. International students attending the program on an employer visa are exempt from this requirement with the assumption that they are enrolled in their employer’s insurance program.

International students are also required to go to the International Office prior to registration in order to clear their non-financial bars. International students must show their Visa or their required INS documentation in order to have their bars cleared before registration. Students in F-1 and J-1 status must attend a mandatory immigration check in through ISSS prior to the first day of class.

All students must meet UT requirements regarding the Meningococcal (Bacterial Meningitis) Vaccine. Please visit this link for more info: http://www.healthyhorns.utexas.edu/requiredvaccine/.

Additionally, The University Health Center requires that all newly admitted International Students complete a “TB and Vaccination History” form. This form, which is required by the State of Texas, must be on file at The University Health Center before an International Student can be registered for classes. International Students who are admitted to UT automatically receive a non-financial bar on his or her record for this form. Once the form has been received by The University Health Center, the bar is
removed from the students’ record. Please make sure that you request and complete this form and submit it to The University Health Center before you begin classes. More information and the form can be found at: http://www.healthyhorns.utexas.edu/internationalstudents.html.

UT LIBRARIES

UT libraries offer a wide variety of services, which include borrowing, reserves, interlibrary services, copying/printing, study spaces, media services, media labs and etc. All students that are currently enrolled or qualify for summer privileges can use their UT ID cards to check out materials. Please visit this link for more info: http://www.lib.utexas.edu/

ENGINEERING SOFTWARE

The University of Texas at Austin has licensed MATLAB, Simulink, and 23 companion toolboxes for the campus under the MathWorks Total Academic Headcount (TAH) license. Please refer to the website http://www.engr.utexas.edu/itg/products for access instructions on downloading, installing and activating MATLAB. Once you have arrived at the University MATLAB page, click on the "Students" tab at the top of the page and you will be prompted to enter your EID and password for access to the instructions.

CAREER SERVICES

The Cockrell School's Engineering Career Assistance Center (ECAC) connects students and employers for internships, co-op programs and jobs after graduation. ECAC coordinates on-campus recruiting, including interviews, career fairs, information sessions and job postings, as well as offers individual career counseling and workshops for students, helping them to develop resumes and job searching skills. The Career Center hours is located at Ernest Corkrell Jr. Hall (ECJ) at Room 3.256. The center is open from Monday to Friday 8:00 am-5:00 pm; counselors are available 9:00-11:30 am and 1:00-4:30 pm. For further information, please call (512)471-1915.

SANGER LEARNING CENTER

Sanger Learning Center offers a number of services for graduate students, including helping graduate students improve writing skills and overcome learning challenges. Contact them at 95120471-3614 with questions.

Sanger Learning Center’s graduate student writing service is the only all-inclusive graduate writing assistance available on campus. You may bring in a paper, thesis, dissertation, grant proposal—any writing project in any discipline—and get immediate feedback for improving your work. They provide all students at least three free tutoring sessions each semester.

The graduate school experience can be challenging in many ways. You may also meet with a learning specialist to discuss your professional goals, procrastination, or anxiety about writing your dissertation.
STUDENT VETERAN SERVICES

Student Veteran Services at the Office of the Deans of Students helps all students using federal and state veterans’ education benefits. They walk current and prospective students through the benefits application and certification process, provide veteran-centered academic support, career services, health care and wellness resources and support the ongoing success of veterans on campus.

The office is located at Student Veteran Center, 4.472 at Student Services Building. Their office hours are Monday through Friday 8:00 am-5:00 pm. No appointment necessary.

STUDENTS WITH DISABILITIES

The University of Texas at Austin has a written policy, which states that students with disabilities will be provided with academic accommodations. The purpose of academic accommodations is to assure that there is equal access to and the opportunity to benefit from all educational programs at UT. It is the student’s responsibility to identify themselves to Services for Students with Disabilities (SSD) and to provide documentation of a disability.

Strict documentation guidelines exist for different types of disabilities. Information on documentation guidelines for cognitive disabilities can be found on the SSD web http://diversity.utexas.edu/disability/ If you require additional information about SSD, please contact The Office of the Dean of Students directly by calling (512) 471-6259. The program does adhere to policies associated with students with disabilities.

PROHIBITION OF SEXUAL HARASSMENT

The University of Texas at Austin strictly prohibits discrimination or harassment of students based on gender, race and sexual orientation. The University publishes guidelines and policies that prohibit discrimination in these three areas. The Office of the Dean of Students has primary responsibility for responding to questions about and receiving complaints of discrimination or harassment of students. If you experience problems associated with harassment, please call (512) 471-1201.

ALCOHOL AND TOBACCO

Please note that the policies of The University of Texas at Austin regarding alcoholic beverage consumption are very strict. Alcoholic beverages are prohibited from University activities without express written permission and prior approval, which must be obtained from the Office of the Provost.

As of April 9, 2012, The University of Texas at Austin became a tobacco-free campus. The University prohibits the use of any tobacco product on campus property, including but not limited to cigarettes, cigars, water pipes (hookah) and smokeless tobacco. It also prohibits innovations in smoke or tobacco products such as any non-FDA approved electronic nicotine delivery device, e-cigarette or vape pen.
**RELIGIOUS HOLIDAYS**

A student who is absent from a class or examination for the observance of a religious holy day may complete the work missed within a reasonable time after the absence, provided the student has notified the instructor in advance in writing of the dates he or she will be absent. Notification must be made two weeks prior to the absence or on the first class day if the absence will occur during the first two weeks of class. In addition, the notification must be personally delivered to the instructor and signed and dated by the instructor, or sent certified mail with a return receipt request. A student who fails to complete missed work within the time frame allowed will be subject to the normal academic penalties.

**REC SPORTS**

The University Recreational Sports Center is located on San Jacinto and 21st Street. Students enrolled in the program are eligible to use the RecSports Center. For more information regarding the use of the facilities, please check out their web site at [http://www.utrecsports.org/](http://www.utrecsports.org/).

**TICKETS TO UT EVENTS AND THE LONGHORN SPORTS PACKAGE**

The University of Texas at Austin has a number of different activities that occur on the campus throughout the year. These activities include athletic events such as: football, baseball, basketball, volleyball, swimming, and many other activities; and performing arts events such as: theatre, dance, opera, symphony, and other musical performances. If you are interested in purchasing tickets to these various activities, please contact the Athletics Ticket Office at (512) 471-3333; or, for tickets to any performing arts function please call (512) 471-1444. In addition to individual tickets, as a member of The University of Texas student body you are also eligible to purchase The Big Ticket. Information regarding this economical package may be obtained at [http://www.texassports.com](http://www.texassports.com) under the heading “Tickets”. Please note that your program fees do not include the cost of tickets to any of these events or activities.

**TEXAS PERFORMING ARTS**

Texas Performing Arts offers $10 student tickets to all Essential Series performances (Broadway excluded) on a first-come, first-served basis. Tickets are available online (convenience charges apply) or in person at the Bass Concert Hall Ticket Office. Students with a valid ID can purchase two tickets at $10 each. For additional information, you can contact Ticket Office at 512.471.1444 or visit their website https://texasperformingarts.org/.

**THE OFFICE OF GRADUATE STUDIES**

The University of Texas at Austin’s Office of Graduate Studies is located in the Main Building, Room 101. Their phone number is (512) 471-7213 ext 2. The Graduate Studies office oversees the policies, rules and regulations that govern graduate studies at UT. The Option III Executive Engineering Master’s Program reports to the Cockrell School of Engineering as well as to the Dean of Graduate Studies.
ENGINEERING MANAGEMENT

PROGRAM OVERVIEW AND MISSION

Upon completion of all the program requirements, the student is awarded a Master of Science in Engineering degree with a major in Engineering Management.

The mission of the ENM Program is to significantly contribute to an engineer’s managerial leadership abilities within their technological organization by allowing students an opportunity to pursue higher education that is innovative and intellectually inspiring by providing courses that teach engineers how to lead and manage their projects, processes, personnel, products and services in real-world situations.

The core objective of the ENM Program is to provide engineers who have chosen to pursue leadership and management career paths with tools and education that will most directly support their leadership and management success. Additional objectives are:

- To incorporate an understanding of the measurement of the technical, business, and human performance processes associated with management and leadership in engineering environments
- To enhance a student's perspective on leadership and management of technology-based organizations that are relevant to today's industry practices
- To provide a program that develops expertise in the management of innovation
- To provide a program where students learn to develop knowledge and skills to effectively manage projects and processes
- To provide a program where students learn to identify and balance risks associated with technology development
- To provide a program that broadens an engineering manager’s perspective on the marketing of technological products and services, the potential success or failure of an engineering project with respect to financing the venture, and legal issues that affect technology
- To provide a program that is challenging, innovative, and intellectually inspiring

The overall goal of the degree program is to provide engineering professionals with these foundations and to continue their lifelong learning while employed in industry.

The program will enable technically oriented and highly motivated individuals to maintain contact with their engineering career rather than having to consider a change to purely management-related roles. Engineers are well educated in the technical aspects of their work. However, many lack experience and knowledge in several managerial aspects of their business. It is important that engineers have a good understanding of the needs of economic management, marketing, and the legal implications of design decisions (e.g. through patent infringement or, indeed, the knowledge of when to apply for a patent and what information is required to achieve it). In addition, it is important that engineers understand the subsequent effects of product liability and, more importantly, personnel interaction.

REMOTE AVAILABILITY

The Engineering Management Master's program is offered both onsite and online via synchronous video conferencing. Onsite attendance at orientation the first semester and at the first class weekend of each semester is required for all online students. Synchronous online attendance requires that students be
available for class each class weekend at US Central Standard Time. Special note for all students: Your voice and/or image will be recorded as part of the online courses.

PROGRAM OF STUDY

Year 1
Fall Semester
ENM 380.2 The Art and Science of Negotiations
ENM 384 Engineering Economics

Spring Semester
ENM 380.3 Advanced Marketing Management
ENM 383.2 Creativity, Innovation, & Prod. Dev.

Summer Semester
ENM 397P Projects in Engineering Management
Attend Presentation Days

Year 2
Fall Semester
ENM 381.1 Legal Issues for Engineering Managers
ENM 383.2 Strategic Decision and Risk Analysis

Spring Semester
ENM 380.1 Managing People and Organizations
ENM 383.1 Management of Projects and Processes

Summer Semester
ENM 397P Projects in Engineering Management
Attend Presentation Days

PROGRAM OF STUDY – FAST TRACK STUDENTS

Fall 1
ENM 380.2 The Art and Science of Negotiations
ENM 384 Engineering Economics
ENM 381.1 Legal Issues for Engineering Managers
ENM 383.2 Strategic Decision and Risk Analysis

Spring 1
ENM 380.3 Advanced Marketing Management
ENM 383.2 Creativity, Innovation, & Prod. Dev.
ENM 380.1 Managing People and Organizations
ENM 383.1 Management of Projects and Processes

Summer 1
ENM 397P Projects in Engineering Management
Attend Presentation Days

Fall 2
ENM 397P Projects in Engineering Management
Attend Presentation Days

COURSES

ENM 380.1 Managing People and Organizations
The development of the general areas of theory most central to dealing with the varieties of social/psychological behavior of direct import to the administrator and manager are covered.

ENM 380.2 The Art and Science of Negotiations
This course will assist the student to better understand the behavior of individuals, groups, and organizations in the context of competitive situations. Students develop negotiation skills experientially and understand negotiation in useful analytical frameworks.

ENM 380.3 Advanced Marketing Management
The major marketing concepts and variables, their interrelationships, and their implications for policymaking, problem solving, and strategy formulation for the course curriculum will be covered.
ENM 381.1 Legal Issues for Engineering Managers
Legal considerations in the practice of engineering management, specifications and contracts for equipment and engineering services, and intellectual property issues will be reviewed in this course.

ENM 383.1 Management of Projects and Processes
Explores methods for organizing, coordinating, and controlling resources to minimize risk and conflict, and to maintain budgets and schedules. Topics include evaluation of competing alternatives, organization of a project, scheduling of tasks and resources, and the role of management over time.

383.1 Strategic Decision and Risk Analysis
The fundamentals of decision analysis and risk assessment; mathematical and psychological aspects of decision-making, especially under uncertain conditions; and engineering/project management applications from the course curriculum.

383.2 Creativity, Innovation, and Product Development
Designed to bring awareness to designers, this course focuses on the real issues associated with the design of complex components by analyzing the design process and the consequent implications for lifetime use.

384 Engineering Economics
Students are introduced to the fundamental topics of engineering economics, notions of risk and decision-making under conditions of risk and uncertainty, with applications to engineering design, business operations and planning.

397P Projects in Engineering Management
Independent project carried out under the supervision of an Engineering Management faculty member.

FACULTY

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Class</th>
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<tbody>
<tr>
<td>Eric Bickel, Ph.D.</td>
<td>Strategic Decision and Risk Analysis</td>
</tr>
<tr>
<td>Rich Crawford, Ph.D.</td>
<td>Creativity, Innovation &amp; Product Development</td>
</tr>
<tr>
<td>Doug Dierking, Ph.D.</td>
<td>The Art and Science of Negotiations</td>
</tr>
<tr>
<td>Gaylen Paulson, Ph.D.</td>
<td>The Art and Science of Negotiations</td>
</tr>
<tr>
<td>Heidi Toprac, MBA</td>
<td>Engineering Economics</td>
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<tr>
<td>John Daly, Ph.D.</td>
<td>Managing People and Organizations</td>
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<tr>
<td>Bruce McCann, Ph.D.</td>
<td>Managing Projects and Processes</td>
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<tr>
<td>Manny Newburger, J.D.</td>
<td>Legal Issues for Engineering Managers</td>
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<tr>
<td>Norman Kaderlan, Ph.D.</td>
<td>Advanced Marketing Management</td>
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<tr>
<td>Steve Nichols, Ph.D.</td>
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(Director)
MECHANICAL ENGINEERING

PROGRAM OVERVIEW

Upon completion of all the program requirements, the student is awarded a Master of Science in Mechanical Engineering degree.

The 100% online, asynchronous, executive master’s degree allows students to earn a world-class education from anywhere in the world. The online structure provides challenging materials using current best practices in online delivery including discrete lecture modules and experiential learning capabilities. Courses are presented as they relate to current industry trends, and the program incorporates a focus on intellectual property and how it relates to the mechanical engineering industry.

Modular courses in the online program have been designed from the ground up to incorporate current best practices in online education. Courses are broken into small, manageable segments that are completed asynchronously by a cohort of students. Lessons may consist of case studies, short videos, group discussions, and experiential projects for students to apply new knowledge. Students will receive regular feedback and communication from instructors and classmates within the cohort. After a series of lessons have been completed throughout the semester, students' progress is measured using traditional exams, project-based assessments and other measures.

PROGRAM OF STUDY

Students will follow a prescribed set of courses to meet 30-credit hour program of work requirements.

Year One

Spring Semester
M E 381M Statistical Methods for Process Control and Manufacturing
M E 383M Heat Transfer in Industrial Systems

Summer Semester
M E 384M Fluid Mechanics in Industrial Processes

Fall Semester
M E 385M Applied Thermodynamics
M E 386M Modeling Simulation & Control of Physical Systems

Year Two

Spring Semester
M E 387M Introduction to Automatic Control
M E 393M Engineering Design and Innovation

Summer Semester
M E 391M Introduction to Manufacturing Systems

Fall Semester
M E 389M Materials Processing
M E 390M Engineering Economics

COURSES

Fluid Mechanics in Industrial Processes
This course will offer practicing engineers and technology managers a comprehensive treatment of various fluid mechanics topics. Working professionals will enhance their knowledge and understanding
of fluid flow and related phenomena in multiple application spaces. The skills developed in this course will benefit the design and analyses of various fluid-based systems.

Product Design Lab
This course will focus on design methodology that will include a survey of current research in areas in design theory and methodology. Students will acquire tools for solving engineering system designs and synthesis problems which they can apply in a reverse engineering and redesign project.

Statistical Methods for Process Control & Manufacturing
This course covers fundamental methods for statistical monitoring of processes, including Shewhart control charts, control charts for individual measurements, CUSUM charts and attribute control charts. In addition, design of experiments, including the statistical evaluation of main and interaction effects, as well as intelligent experimentation through reduced factorial experimental design, will be taught. DOE-based search techniques for surface response based design optimization will also be outlined. Finally, a lecture will be offered on advanced research in model based and active process control in highly flexible and sophisticated manufacturing systems, such as semiconductor manufacturing lithography of flexible automotive assembly lines.

The Enterprise of Technology: Projects Laboratory
In this course, students will work with early stage technologies to create new and original commercialization plans which include the best first market, establishing technology features in that market and estimated benefits and costs to deliver a future product to a customer. Other core elements of the course for each student include in-person market research, a written semester journal and engagement with multiple projects. Later stages of technology entrepreneurship, which will be reviewed briefly, include forming a new company, building a business plan, building a team, getting funding and scale up to manufacturing. Students will gain proficient knowledge on intellectual property protection and strategy, and the steps and processes necessary to the successful design and manufacture of a product or service.

Heat Transfer in Industrial Systems
This course will provide engineers with a deeper understanding of heat transfer physics and the tools to analyze a wide range of industrially relevant heat transfer problems. Engineers will develop the skills to analyze heat transfer systems associated with a diversity of industrial applications and will learn how to use order of magnitude analysis to simplify complex problems and solution techniques for the three modes of heat transfer.

Applied Thermodynamics
This course addresses the design and analysis of systems in which thermodynamic processes are central to function and performance. Fundamental thermodynamic concepts, such as enthalpy, entropy, energy, 1st & 2nd law, psychrometrics and combustion, will be reviewed. Practical topics, such as system-level thermodynamic processes for automotive engines, power plants, renewable energy production and HVAC systems, will be discussed in detail. Real-world examples will be given to cultivate skills of solving problems with basic knowledge of thermodynamics.
Introduction to Manufacturing Systems
With an emphasis on continuous flow manufacturing, this course will provide engineers with the knowledge and skillset to effectively analyze and design production systems to decrease manufacturing costs, decrease defects, and shorten delivery time by reducing process cycle times.

Materials Science and Engineering
This course will go into detail about principles, advantages, and problems of solid, liquid, and vapor materials processes. Students will study considerations of structural alloys, ceramics, engineering polymers, and composites.

Introduction to Automatic Control
The concept of feedback is central in the study of systems and control. Feedback loops are common in nature, even in the most basic biological phenomena from the macroscopic (i.e. population dynamics, climate, etc.) to microscopic (i.e. regulation of glucose levels, temperature regulation, etc.) scales. In engineering, feedback plays a critical role in mechanical, electronic, chemical and digital systems. More generally, systems theory and feedback are central to understanding, analyzing, and designing systems with interconnected components. It is important to understand not only if a system can be controlled, but in what frequency range and under what conditions.
The purpose of this class will be to gain a basic intuition for and understanding of linear feedback systems and develop the mathematical tools to understand the basics of design and analysis of single-input single-output feedback control systems. This class will build on the system modeling skills developed in previous courses in order to better understand how to control a system’s behavior.

Engineering Economics
Students are introduced to the fundamental topics of engineering economics, notions of risk and decision-making under conditions of risk and uncertainty, with applications to engineering design, business operations and planning.

Modeling, Simulation, and Control of Physical Systems
This course reviews principles used to understand and model physical systems and introduces methods for building mathematical and simulation models of engineering systems. Emphasis is placed on development of dynamic system models for predicting the behavior or performance of systems, models for efficient data reduction or test development, models for design, and the role of models in control development. Bond graph methods are introduced especially for analysis of systems having combinations of mechanical, electrical, magnetic, electromechanical, fluid, and thermodynamic effects. The role and application of physical models in development and design of feedback controllers and estimation methods is also introduced. Applications from a broad area of engineering systems are used to motivate the topical discussion.

FACULTY

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vaibhav Bahadur, Ph.D.</td>
<td>Fluid Mechanics in Industrial Processes</td>
</tr>
<tr>
<td>Richard Crawford, Ph.D.</td>
<td>Engineering Design &amp; Innovation</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------------------------------------------------------</td>
</tr>
<tr>
<td>Dragan Djurdjanovic, Ph.D.</td>
<td>Statistical Methods for Process Control &amp; Manufacturing</td>
</tr>
<tr>
<td>Bob Duvic, Ph.D.</td>
<td>Engineering Economics</td>
</tr>
<tr>
<td>Ofodike Ezekoye, Ph.D.</td>
<td>Heat Transfer in Industrial Systems (Director)</td>
</tr>
<tr>
<td>Raul Longoria, Ph.D.</td>
<td>Modeling, Simulation &amp; Control of Physical Systems</td>
</tr>
<tr>
<td>Steve Nichols, Ph.D.</td>
<td>The Enterprise of Technology: Projects Laboratory</td>
</tr>
<tr>
<td>Erich Schneider, Ph.D.</td>
<td>Applied Dynamics and Feedback Control</td>
</tr>
<tr>
<td>Mitchell Pryor, Ph.D.</td>
<td>Applied Dynamics and Feedback Control</td>
</tr>
<tr>
<td>Yaguo Wang, Ph.D.</td>
<td>Thermal Fluid Systems for Engineers</td>
</tr>
<tr>
<td>Michael Bryant, Ph.D.</td>
<td>Introduction to Manufacturing Systems</td>
</tr>
<tr>
<td>James Mikulak, Ph.D.</td>
<td>Materials Processing</td>
</tr>
</tbody>
</table>
SOFTWARE ENGINEERING

PROGRAM OF STUDY

Students in the SWE program are subject to all master’s degree regulations as outlined in the Graduate Catalog, as well as all ECE departmental requirements. **In addition to maintaining a 3.0 GPA overall, students may apply only one course with a grade below 3.0 to the program of work requirement.** The SWE program is comprised of a total of 30 credit hours resulting from eight long semester courses (24 credits), one summer semester course (3 credits), and a Master’s Report (3 credits) or 10th course in lieu of a Master’s Report.

Any combination of courses may meet program of work requirements.

<table>
<thead>
<tr>
<th>Year One</th>
<th>Year Two</th>
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<tbody>
<tr>
<td><strong>Fall Semester</strong></td>
<td><strong>Fall Semester</strong></td>
</tr>
<tr>
<td>2 courses</td>
<td>2 courses OR</td>
</tr>
<tr>
<td><strong>Spring Semester</strong></td>
<td>2 courses and begin working on Master’s Report (EE 398R)</td>
</tr>
<tr>
<td>2 courses</td>
<td><strong>Spring Semester</strong></td>
</tr>
<tr>
<td><strong>Summer Semester</strong></td>
<td>2 courses</td>
</tr>
<tr>
<td>1 course</td>
<td><strong>Summer Semester</strong></td>
</tr>
<tr>
<td></td>
<td>1 course in lieu of Master’s Report OR</td>
</tr>
<tr>
<td></td>
<td>Complete Master’s Report</td>
</tr>
</tbody>
</table>

COURSES

**EE 379K Requirements Engineering: Acquisition and Modeling**

This course will address theoretical and practical methods for acquiring and modeling requirements for various systems stakeholders. Topics will include methods and techniques for managing the acquisition process among distributed team members and distributed stakeholders, eliciting and verifying requirements as a function of the type of stakeholder, the types of requirements, and system development maturity, managing the requirements artifacts, constructing model-based representations of requirements, synthesizing requirements for various stakeholders, and analyzing and evolving model-based requirements.

**EE 382C Software Architectures**

The course will teach students about software architectures, architectural model specification techniques and analysis techniques offered by the research community as well as those architectures, model specifications and analytical methods commonly used in industry.

**EE 382C.3 Verification and Validation**

This course covers various traditional and state-of-the-art techniques for software validation, a process that includes reasoning about (the correctness of) programs and testing programs. The course content will include both techniques for dynamic analysis, such as glass-box and black-box testing, equivalence...
partitioning, test strategy and automation, regression testing and debugging, and techniques for static analysis, such as symbolic execution, and also techniques for software model checking including those that employ artificial intelligence based heuristics.

**EE 382V Parallel Algorithms**
This is an introductory graduate course in parallel algorithms. It assumes undergraduate knowledge of sequential algorithms.

**EE 382V Systems Programming**
This is a computer systems course with an emphasis in software. The course will start with looking at tools like compliers, linkers, loaders, and debuggers that an operating system provides and how they work. We will explore the POSIX System-Call API that all modern operating systems implement with focus on processes, threads, i/o and inter-process-communication.

**EE 382V Formal Methods in Distributed Systems**
This course gives an introduction to the use of formal methods within the software design process. Specifically, this class will cover the application of models to distributed and concurrent systems. Modern software systems are commonly highly distributed, and this added sophistication further complicates software design. The rigor offered by formal methods aims to make the process more precise.

**EE 382V Advanced Programming Tools**
Programming is difficult-. Using the right tools can solve these problems. Examples include tools for version control, documentation, program building and configuration, automatic testing, program analysis, and integrated development. Our approach will be to introduce a specific problem, show how a tool can solve the problem, and then develop the technical principles underlying the tool. We will have written homework problems as well as coding exercises for each concept. The class will have a major design project that will begin at the start of the term. Use of the tools will be a required part of the project. We will use open-source tools to illustrate these concepts. The specific tool stack is described in the lectures section of this document. I selected these tools based on my experience at Google; they also power many state-of-the-art commercial projects.

**EE 382V Data Engineering**
Course Description – Data Engineering is concerned with the role of data in the design, development, management, and utilization of complex computing/information systems. Issues of interest include database design; meta knowledge of the data and its processing; languages to describe data, define access, and manipulate databases; strategies and mechanisms for data access, security, and integrity control.

**EE 382V Mobile Computing**
As mobile computing devices like laptops, PDAs, cellular phones, and even miniature sensors become increasingly pervasive, the demand for applications for this novel environment escalates. This course explores the effects of mobile computing on software design and development. The approach taken uses current research projects in the field of mobile computing to highlight the key aspects that complicate software engineering. We will focus on these concerns in the context of application development.
EE 380L Data Mining
Basic concepts of data mining, in parallel with a practical track involving hands-on experience with industrial strength software and a term project will be covered.

EE 382N Communication Networks: Tech/Arch/Protocol
This is an introductory course in Computer Networking. It covers all basic components of modern networks, including: link level technologies such as Ethernet, token rings, and wireless Ethernet; switching technologies such as bridges and ATM; internetworking including IP; the transport layer, including TCP and RPC; and congestion control. Time permitting, we will also consider security, quality of service, high-performance networks, and/or multimedia. Although IP and TCP are primary examples used in the course, it is NOT a course on TCP/IP!

EE 382N.11 Distributed Systems
This course will expose students to the theoretical and practical aspects of designing distributed systems such as: Datagram Sockets, TCP sockets, Java RMI, Map Reduce Abstraction, Models of Distributed Computation, Logical clocks, vector clocks, Resource Allocation, Drinking Philosophers, Global Property Evaluation, Snapshots, Unstable properties, Ordering of Messages, Elections, Spanning Trees, Synchronizers, Consensus, Byzantine Agreement, and Self-stabilizing algorithms.

EE382N.4 Advanced Embedded Microcontroller Systems
Hardware and software design of microcontroller systems; applications, including communication systems; object-oriented and operating systems approaches to interfacing and resource management.

EE 382C.16 Distributed Information System Security
Intended to acquaint the student with the analysis and engineering techniques employed in securing today's networked information system environment. Emphasis is placed on examination of practical security threats, exposures in distributed systems and the technology that is being applied and developed as countermeasures.

EE 382C System Engineering Program Management and Evaluation
Management, engineering, and evaluation approaches applicable to a spectrum of software development programs is taught. General guidelines, metrics, program artifacts, and processes will be discussed in conjunction with case studies.

EE 382C.12 Multicore Computing
This course will expose students to the theoretical and practical aspects of designing multicore software systems such as: programming constructs for concurrent computation, openMP, sequential consistency, linearizability, lock-based synchronization, lock-free synchronization, wait-free synchronization, consensus number, software transactional memory, testing and debugging parallel programs, race detection, concurrent data structures such as stacks, queues, linked lists, hash tables and skiplists, and model checking of concurrent programs.

EE 382 Computer Graphics
This is an introductory course on the major topics in computer graphics including image synthesis, interactive techniques, geometric modeling, and computer-based animation. Covered material includes: OpenGL programming, principles of operation of raster graphics systems, sampling and antialiasing,
homogeneous coordinate transformation techniques, parallel and central projection and perspective transformations, hidden surface removal, light and reflectance models for local and global illumination, shading techniques, ray tracing, basic object modeling techniques, visual perception and basic color theory, hierarchical modeling, and basic animation.

**EE 382 Middleware**
This course is a graduate level course introducing and investigating middleware at all levels, largely from a software engineering perspective. Students are introduced to various types of middleware (from object-oriented middleware to message-oriented middleware and beyond) both through lecture materials and through active "mini-projects" through which the students build complex applications using existing middleware solutions. The course also offers lectures on "trends" in middleware, including how middleware addresses challenges related to mobile computing, sensor networks, real-time computing, "green computing," etc.

**EE 382 Algorithmic Foundations for Software Systems**
We will begin by reviewing foundations of discrete mathematics. We will then study measuring program performance using the big-O notation. Following this, we will study fundamental data structures and their associated algorithms; specifically, we will cover lists, arrays, queues, stacks, hash tables, sets, binary trees, and graphs. We will then focus on general algorithm design principles, such as greedy approaches and dynamic programming. Our last topic will be matrix algorithms. The principle focus of the lectures will be on theoretical aspects. There will also be a number of programming assignments that will require implementing and testing algorithms. In addition, there will be a team project that either evaluates some textbook algorithm(s) in real-world settings, or explores how to specialize and enhance some textbook algorithm(s) under specific conditions.

**EE 398R Master's Report (Optional)**
Completion of report in the last semester enrolled in the program to fulfill the requirement for the master's degree. Offered on the credit/no credit basis only. Prerequisite: Graduate standing in electrical engineering and consent of the graduate adviser.

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**FACULTY**

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ramesh Yerraballi, Ph.D.</td>
<td>Communication Networks</td>
</tr>
<tr>
<td>K. Suzanne Barber, Ph.D.</td>
<td>Requirements Engineering; Software Architecture</td>
</tr>
<tr>
<td>Bill Bard, M.S.</td>
<td>Communication Networks: Tech/Arch/Protocol; Distributed Information System Security</td>
</tr>
<tr>
<td>Vijay Garg, Ph.D.</td>
<td>Distributed Systems (Director)</td>
</tr>
<tr>
<td>Constantine Caramanis, Ph.D.</td>
<td>Data Mining</td>
</tr>
<tr>
<td>Christine Julien, Ph.D.</td>
<td>Advanced Topics I and II summer course</td>
</tr>
<tr>
<td>Sarfraz Khursid, Ph.D.</td>
<td>Verification and Validation; Software Testing</td>
</tr>
<tr>
<td>Daniel Miranker, Ph.D.</td>
<td>Data Engineering</td>
</tr>
<tr>
<td>Bruce McCann, Ph.D.</td>
<td>System Engineering Program Management and Evaluation</td>
</tr>
<tr>
<td>Adnan Aziz, Ph.D.</td>
<td>Advanced Topics I and II summer course</td>
</tr>
</tbody>
</table>
Upon completion of all the program requirements, the student is awarded a Master of Science in Engineering degree with a major in Electrical and Computer Engineering.

The electrical and computer engineering graduate program at the Cockrell School of Engineering ranks within the top ten programs in the nation and is among the largest programs at UT Austin. This new online executive master’s degree allows students to earn a master’s degree remotely with only one onsite travel visit. Students will gain a deeper understanding of the fundamentals of electrical and computer engineering, and are given the opportunity for in-depth specialization in some particular aspect of these fields. Academic Tracks for this master’s degree program are being developed to allow students to study areas of research and take certain courses that best fit their interests and goals. Many tracks have overlap, and most faculty belong to more than one Academic Track.

This 30-credit hour program can be completed within two years, and the increased flexibility allows you to work at a pace that is designed to fit your busy schedule. Both thesis and non-thesis options are available. The degree you will earn is identical to that awarded by the full-time program and comes fully backed by the globally recognized UT Austin brand.

MULTIPLE PROGRAM TRACKS

2017 Tracks

- **Architecture, Computer Systems, and Embedded Systems (ACSES)** - Computer architecture is at the interface of computer hardware and software. Its practitioners are responsible for specifying, designing, and implementing at the architecture level the hardware structures that carry out the work specified by computer software.

- **Decision, Information, and Communications Engineering (DICE)** - This track involves research and design in: Communications and networking, Data science and machine learning, and Controls, signals, and systems.

- **Integrated Circuits & Systems (ICS)** - This track involves all aspects of analysis, design, synthesis, and implementation of digital, analog, mixed-signal, and radio frequency (RF) integrated circuits and systems for applications in computing, sensing, and communications.

- **Software Engineering and Systems (SES)** - This track addresses engineering software systems including problem of requirements, architecting, designing, building, testing, analyzing, evaluating, deploying, maintaining, and evolving software systems. This area of study is also available through the alternatively scheduled weekend program in software engineering to professionals who are working full time. To learn more about the master's degree program for working professionals, please visit the Texas Engineering Executive Education.

REMOTE ATTENDANCE

The Electrical and Computer Engineering Master's program is offered online via synchronous video conferencing. Synchronous online attendance requires that students be available for class at US Central Standard Time. Special note for all students: Your voice and/or image will be recorded as part of the online courses. Courses will be recorded if synchronous attendance is not possible.
TRACK ADVISORS

<table>
<thead>
<tr>
<th>Track</th>
<th>Admissions Advisor</th>
<th>Program Advisor</th>
<th>Curriculum Coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACSES</td>
<td>Mattan Erez</td>
<td>Jonathan Valvano</td>
<td>Vijay Reddi</td>
</tr>
<tr>
<td>DICE</td>
<td>Constantine Caramanis</td>
<td>Haris Vikalo</td>
<td>Alex Dimakis</td>
</tr>
<tr>
<td>ICS</td>
<td>David Z. Pan</td>
<td>Ranjit Gharpurey</td>
<td>Michael Orshansky</td>
</tr>
<tr>
<td>SES</td>
<td>Sarfraz Khurshid</td>
<td>Christine Julien</td>
<td>Vijay Garg</td>
</tr>
</tbody>
</table>

COURSES

Graduate course from the ECE Department are available to students in the Executive and Professional Master’s of Science in Engineering programs. Individual Programs of Study should be created with the Track Advisor listed above. A full list of ECE course can be found at www.ece.utexas.edu/graduate/courses.

FALL 2017

ACSES
- E E 382N.23  Embedded System Design and Modeling
- E E 382V    Security Hardware-Software Interface

ICS
- E E 382M.7  VLSI I
- E E 382M.14 Analog Integrated Circuit Design

DICE
- E E 381J    Probability & Stochastic Processes I
- E E 381K.2  Digital Communications
- E E 381K.18 Convex Optimization

SPRING 2018 (subject to change)

ACSES
- E E 382N.14 High-Speed Computer Arithmetic
- E E 382N.21 Computer Performance Evaluation and Benchmarking
- E E 382N.22 Computer Architecture: User & System Interplay

ICS
- E E 382M.11 Verification of Digital Systems
- E E 382M.23 Low-Power & Robustness Design
- E E 382M.25 Radio Frequency Integrated Circuit Design

DICE
- E E 380L.10 Data Mining
- E E 381K.16 Digital Video
- E E 381S     Space-Time Communication

SES
- E E 381V    Advanced Algorithms
- E E 381V    Programming with Molecules
- E E 382C.7  Software Architectures
- E E 382C.16 Software Testing
FACULTY

Faculty Member
Ahmed Twefik, Ph.D.            Director
Frank Register, Ph.D.         Graduate Advisor
ENGINEERING MANAGEMENT
AUGUST/SEPTEMBER CLASS LOCATION MAP

IC2 Institute
SOFTWARE ENGINEERING & ENGINEERING MANAGEMENT
CLASS LOCATION MAP

Ernest Cockrell Jr. Hall (ECJ)
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<td>ACE</td>
<td>Applied Computational &amp; Sciences Building</td>
</tr>
<tr>
<td>ADH</td>
<td>Alfords Dorm Residence Hall</td>
</tr>
<tr>
<td>ARP</td>
<td>Athletic Fields Pavilion</td>
</tr>
<tr>
<td>AHP</td>
<td>Anna Hiss Gymnasium</td>
</tr>
<tr>
<td>ANB</td>
<td>Ann Wray Mirth Building</td>
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<tr>
<td>AND</td>
<td>Andrews Residence Hall</td>
</tr>
<tr>
<td>ARC</td>
<td>Animal Resource Center</td>
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<td>ART</td>
<td>Art Building and Museum</td>
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<tr>
<td>ATR</td>
<td>Bexar Hall</td>
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<td>BAT</td>
<td>L. Tito Brevard Hall</td>
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<td>BEE</td>
<td>Benefic Hall</td>
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<tr>
<td>BHD</td>
<td>Broadmoor Residence Hall</td>
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<td>BIC</td>
<td>Biological Sciences Building</td>
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<tr>
<td>BLD</td>
<td>Blitar Residence Hall</td>
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<td>BMA</td>
<td>Blitar Museum of Art</td>
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<tr>
<td>BME</td>
<td>Bioengineering Building (under construction)</td>
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<tr>
<td>BOT</td>
<td>Biological Greenhouse</td>
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<tr>
<td>BRB</td>
<td>Bernard &amp; Audrey Repp Building</td>
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<tr>
<td>BRG</td>
<td>Brooks Garage (PC3)</td>
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<tr>
<td>BTL</td>
<td>Bette Hall</td>
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<tr>
<td>BUR</td>
<td>Burdine Hall</td>
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<td>BWY</td>
<td>Measurement and Evaluation Center</td>
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<td>CAL</td>
<td>Calhoun Hall</td>
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<td>CSA</td>
<td>McCook School of Business</td>
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<td>CCA</td>
<td>John B Connally Center for Justice</td>
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<tr>
<td>CCL</td>
<td>Collections Deposit Library</td>
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<td>CCE</td>
<td>Continuing Education Building</td>
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<td>CSIA</td>
<td>Jesse L Jones Communication Center Buildings A-C</td>
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<td>COM</td>
<td>Computer Center</td>
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<tr>
<td>CPE</td>
<td>Chemical &amp; Petroleum Engineering Building</td>
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<tr>
<td>CRB</td>
<td>Central Receiving Building</td>
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<td>Cathedrals Residence Hall</td>
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<td>CSR</td>
<td>Chilling Station No 5</td>
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<tr>
<td>CTP</td>
<td>Denton A. Coker Pavilion</td>
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<td>DEV</td>
<td>Development Office Building</td>
</tr>
<tr>
<td>DPA</td>
<td>E. Willis Only Fine Arts Building</td>
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<tr>
<td>DFF</td>
<td>UCOU Dubai Field</td>
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<tr>
<td>ECI</td>
<td>Emerit Cockrell Jr Hall</td>
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<tr>
<td>EEC</td>
<td>AT&amp;T Executive Education and Conference Center</td>
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<tr>
<td>ENG</td>
<td>Engineering Science Building</td>
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<td>EPS</td>
<td>E. P. Smith Building</td>
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<tr>
<td>ERS</td>
<td>Frank C. Erwin Jr. Special Events Center</td>
</tr>
<tr>
<td>ESB</td>
<td>Experimental Science Building</td>
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<tr>
<td>ETC</td>
<td>Engineering Teaching Center II</td>
</tr>
<tr>
<td>FAC</td>
<td>Peter F. Sloan Academic Center</td>
</tr>
<tr>
<td>FOF</td>
<td>Franklin DeViney Field</td>
</tr>
<tr>
<td>FZH</td>
<td>J Frank Dobie House (McNerney Center for Western)</td>
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<tr>
<td>GAR</td>
<td>Garrison Hall</td>
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<td>GEA</td>
<td>Mary E. George Hall</td>
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<td>GEB</td>
<td>Dorothy H. Gebelein Building (College of Liberal Arts)</td>
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<td>GSA</td>
<td>Graduate and International Admission</td>
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<td>GOL</td>
<td>Goldsmith Hall</td>
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<td>GRS</td>
<td>Gregory Gymnasium</td>
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<tr>
<td>GRS</td>
<td>Geography Building</td>
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<tr>
<td>GSB</td>
<td>Graduate School of Business Building</td>
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<tr>
<td>HND</td>
<td>Moore Hill Residence Hall</td>
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<tr>
<td>HMA</td>
<td>Hogg Memorial Auditorium</td>
</tr>
<tr>
<td>HRC</td>
<td>Harry Ransom Center</td>
</tr>
<tr>
<td>HSH</td>
<td>Homer Rainey Hall (Music Building)</td>
</tr>
<tr>
<td>IC3</td>
<td>IC3 Institute</td>
</tr>
<tr>
<td>JES</td>
<td>Bessie H. Jester Center</td>
</tr>
<tr>
<td>JGB</td>
<td>Jackson Geosciences Building</td>
</tr>
<tr>
<td>JHR</td>
<td>John W. Harsh Hall (Freshman Admission Center)</td>
</tr>
<tr>
<td>JIN</td>
<td>Jesse H. Jones Hall</td>
</tr>
<tr>
<td>KIM</td>
<td>Kincaid Residence Hall / Housing &amp; Food Service</td>
</tr>
<tr>
<td>LBJ</td>
<td>Lyndon B. Johnson Library</td>
</tr>
<tr>
<td>LCH</td>
<td>Littlefield Carnegie House</td>
</tr>
<tr>
<td>LFH</td>
<td>Littlefield Home</td>
</tr>
<tr>
<td>LLA</td>
<td>Living Learning Center A-F</td>
</tr>
</tbody>
</table>

### Campus Building Index (cont.)

<table>
<thead>
<tr>
<th>Building</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>LTD</td>
<td>Littlefield Residence Hall</td>
</tr>
<tr>
<td>LTH</td>
<td>Laboratory Theater Building</td>
</tr>
<tr>
<td>MKG</td>
<td>Minor Garage (PC3)</td>
</tr>
<tr>
<td>MAI</td>
<td>Main Building (the Tower)</td>
</tr>
<tr>
<td>MBB</td>
<td>Meffitt Molecular Biology Building</td>
</tr>
<tr>
<td>MMB</td>
<td>Mike A. Myers Track and Soccer Stadium</td>
</tr>
<tr>
<td>MNC</td>
<td>Moncrief Rehearsal Center</td>
</tr>
<tr>
<td>MTH</td>
<td>Music Building East &amp; Music Building / Recital Hall</td>
</tr>
<tr>
<td>MSB</td>
<td>Millican Science Building</td>
</tr>
<tr>
<td>NMS</td>
<td>Nearest Molecular Science Building</td>
</tr>
<tr>
<td>NPA</td>
<td>North Office Building A</td>
</tr>
<tr>
<td>NET</td>
<td>Nano Science and Technology Building</td>
</tr>
<tr>
<td>NUR</td>
<td>Nursing School</td>
</tr>
<tr>
<td>PAC</td>
<td>Performing Arts Center</td>
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<tr>
<td>PAI</td>
<td>T.S. Parker Hall</td>
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<tr>
<td>PAR</td>
<td>Paris Hall</td>
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<tr>
<td>PAT</td>
<td>J T Patterson Laboratories Building</td>
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<tr>
<td>PCL</td>
<td>Perry-Casteness Library (Main Library)</td>
</tr>
<tr>
<td>PHD</td>
<td>Prebber Residence Hall</td>
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<tr>
<td>PRR</td>
<td>Pharmacy Building</td>
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<tr>
<td>PPA</td>
<td>Hal C. Weaver Power Plant Annex</td>
</tr>
<tr>
<td>PRB</td>
<td>Printing and Press Building</td>
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<tr>
<td>PPE</td>
<td>Hal C. Weaver Power Plant Expansion</td>
</tr>
<tr>
<td>PPL</td>
<td>Hal C. Weaver Power Plant</td>
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<tr>
<td>PPL</td>
<td>Physical Plant Complex 1-8</td>
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<tr>
<td>RAS</td>
<td>Russell A. Stanfield Hall</td>
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<tr>
<td>RHD</td>
<td>Roberts Residence Hall</td>
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<tr>
<td>RLM</td>
<td>Robert Lee Moore Hall</td>
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<tr>
<td>RRR</td>
<td>ROTC Rifle Range Building</td>
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<tr>
<td>SAG</td>
<td>San Antonio Garage (PC3)</td>
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<tr>
<td>SBS</td>
<td>Red &amp; Charlene McCorkle Field</td>
</tr>
<tr>
<td>SCC</td>
<td>UT Student Child Care Center</td>
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<tr>
<td>SEA</td>
<td>Sarah M. and Charles E. Saye Building</td>
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<tr>
<td>SER</td>
<td>Service Building</td>
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<tr>
<td>SJC</td>
<td>Student Health Center</td>
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<tr>
<td>SHD</td>
<td>Simmons Residence Hall</td>
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<tr>
<td>SLG</td>
<td>San Jacinto Garage (PC1)</td>
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<tr>
<td>SJS</td>
<td>San Jacinto Residence Hall</td>
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<tr>
<td>SRH</td>
<td>Stilwell Residence Hall</td>
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<tr>
<td>SSB</td>
<td>Student Services Building</td>
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<tr>
<td>SSW</td>
<td>School of Social Work Building</td>
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<tr>
<td>STD</td>
<td>Delmar K. Royal-Texas Memorial Stadium</td>
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<tr>
<td>STN</td>
<td>Sutton Hall</td>
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<tr>
<td>SWG</td>
<td>Speedway Garage (PC6)</td>
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<tr>
<td>SSB</td>
<td>George J. Sánchez Building (College of Education)</td>
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<tr>
<td>TAY</td>
<td>T. U. Taylor Hall</td>
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<tr>
<td>TCC</td>
<td>Joe C. Thompson Conference Center</td>
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<tr>
<td>TMN</td>
<td>Texas Memorial Museum</td>
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<tr>
<td>TNS</td>
<td>Townes Hall</td>
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<tr>
<td>TSG</td>
<td>Trinity Garage (PC7)</td>
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<tr>
<td>TSC</td>
<td>Lee and Joe Jamail Texas Swimming Center</td>
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<tr>
<td>TSF</td>
<td>Track / Soccer Field House</td>
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<tr>
<td>TSG</td>
<td>27th Street Garage (PC4)</td>
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<tr>
<td>TTC</td>
<td>Patric-Alfonso Tennis Center</td>
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<tr>
<td>UAF</td>
<td>3500 University Avenue</td>
</tr>
<tr>
<td>ULI</td>
<td>University Intercollegiate League</td>
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<tr>
<td>UMB</td>
<td>Texas Union Building</td>
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<tr>
<td>UPB</td>
<td>University Police Building</td>
</tr>
<tr>
<td>UTC</td>
<td>University Teaching Center</td>
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<tr>
<td>UTX</td>
<td>Ellen H. Flook Alumni Center</td>
</tr>
<tr>
<td>VRC</td>
<td>University Center</td>
</tr>
<tr>
<td>WAG</td>
<td>Waggener Hall</td>
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<tr>
<td>WCH</td>
<td>W. C. Hogg Building (College of Natural Sciences)</td>
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<tr>
<td>WELL</td>
<td>Robert A. Welch Hall</td>
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<tr>
<td>WMN</td>
<td>F. E. Lennon Winbolt Drama Building</td>
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<tr>
<td>WMB</td>
<td>West Mall Office Building</td>
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<tr>
<td>WCH</td>
<td>Woodrow Hall International Office</td>
</tr>
<tr>
<td>WRF</td>
<td>WR Welch Laboratory</td>
</tr>
<tr>
<td>WHH</td>
<td>Walter Webb Hall</td>
</tr>
</tbody>
</table>

*Arrows indicate parking garages*
USEFUL WEBSITES AND PHONE NUMBERS

Academic Computing and Instructional Technology Services  512.475.9300
Campus Computer Center, http://www.computerstore.utexas.edu/new/  512.471.6550
Canvas, http://canvas.utexas.edu/  512.471.1201
Cockrell School of Engineering, http://engr.utexas.edu  512.471.1915
Dean of Student, http://deanofstudents.utexas.edu/  512.471.4511
Engineering Career Assistance Center, http://www.engr.utexas.edu/ecac  512.472.2486
General Information and Referral Service  512.471.7399
Grades, http://registrar.utexas.edu/students/grades/  512.471.3825
Graduate Admissions (GIAC), http://www.utexas.edu/student/admissions/  512.471.3825
My Tuition Bill, https://utdirect.utexas.edu/acct/fb/my_tuition/my_tuition_home.WBX  512.471.3614
Sanger Learning Center, https://ugs.utexas.edu/slc/grad  512.471.3614
Student Financial Services, http://finaid.utexas.edu/  512.471.3614
Student Veteran Services, http://deanofstudents.utexas.edu/veterans/contact.php  512.471.3614
Texas Performing Art, https://texasperformingarts.org/  512.471.3614
The University of Texas at Austin Main Switch Board  512.471.3434
Transcript Services, http://registrar.utexas.edu/transcripts  512.471.3434
University Health Center, http://healthyhorns.utexas.edu/  512.471.4955
UT Direct, https://utdirect.utexas.edu/utdirect/index.WBX  512.471.4955
UT Library Reference & Information Services  512.495.4250
Veterans and Certification Services  512.475.7575
What I Owe, https://utdirect.utexas.edu/acct/rec/wio/wio_home.WBX