REGISTRATION ANNOUNCEMENT
THE UNIVERSITY OF TENNESSEE
SPACE INSTITUTE

411 B. H. Goethert Parkway
Tullahoma, TN  37388-9700
888-822-8874 ext. 37228
www.utsi.edu
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CALENDAR - SUMMER SEMESTER 2020

Priority Registration ............................................................................................. February 26, 2020
Admission to Candidacy Forms for Summer 2020 Commencement ......................... April 24, 2020
Summer 2020 Graduation Application Deadline submit online at MyUTK ................. April 24, 2020
Graduation Fee Payment Deadline (MS $30, PhD $75) ............................................. April 24, 2020
Memorial Day Holiday ................................................................................................ May 25, 2020
Priority Registration Payment Deadline 4:30 p.m. EST .............................................. May 27, 2020
Late Registration and late fees ($100 Late Fee) ......................................................... May 28 – June 11, 2020
Classes begin .......................................................................................................... May 28, 2020
Last Day to Final Register, Add, Change Grading Options or Drop Without a “W” .... June 5, 2020
Late Registration and late fees after 14th day ($200 Late Fee) ..........  June 12, 2020 – Forward
No Class Day ......................................................................................................... July 2, 2020
Independence Day Holiday ..................................................................................... July 3, 2020
Preliminary Thesis/Dissertation Review Deadline ..................................................... June 5, 2020
Last day to schedule final exam (dissertation students) .............................................. July 9, 2020
Last day to Defend (thesis/dissertation) ................................................................... July 16, 2020
Drop with a “W” .................................................................................................... July 17, 2020
Electronic Thesis/Dissertation to TRACE (5:00 P.M. EST) ..................................... July 30, 2020
Submit report of final examination (Pass/Fail) form ................................................. July 30, 2020
Deadline for Submission of Admission to Candidacy for students 
Graduating Fall 2020 and Graduation Application ................................................ August 6, 2020
Classes End ........................................................................................................... August 6 2020
Exam Period (Exams are given during the regularly scheduled class meeting times.)
Total Withdraw from the University Deadline ....................................................... August 6, 2020
Deadline for removing “INCOMPLETE” grades ..................................................... August 7, 2020
No Commencement Ceremony or Graduate Hooding – Graduation Date............. August 8, 2020
Second thesis/dissertation deadlines
Defense Completed by August 7, 2020
Second Deadline Application Submitted by August 7, 2020 
https://gradschool.utk.edu/forms-central/
and submit a new graduation application for Fall graduation
Thesis/Dissertation Submitted and Accepted by August 18, 2020 (5:00 P.M. EST)
(Student will receive diploma fall 2020 semester, but will not be required to register for
thesis/dissertation credits)

FALL SEMESTER 2020

Priority Registration ............................................................................................. March 9, 2020
Late Registration ................................................................................................... August 19, 2020
Classes Begin ........................................................................................................ August 19, 2020
Labor Day Holiday .............................................................................................. September 7, 2020
Fall Break ............................................................................................................ October 8 - 9, 2020
No Class Day ...................................................................................................... November 25, 2020
Thanksgiving Break ............................................................................................ November 26 – 27, 2020
Classes End ........................................................................................................ December 2, 2020
Study Period ....................................................................................................... December 3, 2020
Exam Period ..................................................................................................... December 4, 7 & 8, 2020
Graduate Hooding Ceremony (UTK)................................................................. December 10, 2020
Commencement (UTK) ................................................................................... December 11, 2020
Official Graduation Date ................................................................................... December 12, 2020
Dates may be revised without notice. Please refer to the following sites for updates:

http://registrar.tennessee.edu/academic_calendar/index.shtml
https://gradschool.utk.edu/graduation/
SUMMER SEMESTER 2020

EXAM SCHEDULE

LAST DAY OF CLASSES ................................................................. August 6, 2020

FINAL EXAMS FOR SUMMER ARE GIVEN DURING THE REGULARLY SCHEDULED
CLASS MEETING TIMES.

**** ATTENTION ****

ALL STUDENTS TAKING RECORDED COURSES
CONTACT INSTRUCTOR FOR DATE AND TIME OF FINAL EXAM
REGISTRATION ANNOUNCEMENT
SUMMER SEMESTER 2020

REGISTRATION PROCEDURE

GRADUATE ACADEMIC ADVISING

Graduate students should contact your departmental faculty to arrange an advising appointment. If you’re not accepted into a specific program, the assistant to the dean of graduate studies or the designee may act as your advisor. When the web registration system asks if you’ve discussed your program with your advisor, you must answer yes to continue with the registration process.

REGISTRATION

Students will register at http://my.utk.edu. You will need to log in using your NetID and your NetID password. If you do not know your NetID and NetID password, go to http://onestop.utk.edu/your-classes/registering-for-classes/.

*Log in to MyUTK. You can find a link by looking under “M” on the A-Z index (http://www.utk.edu/alpha/) or by typing myutk.utk.edu directly into your browser. You will need to log in by typing utk/your NetID in the “username” field and then your NetID password in the “password” field.

*Before you attempt to register, clear and pay any financial holds (parking tickets, library fines, fees, etc.).

*Look under the “For Your Review” heading on the MyUTK portal page (located in the upper right-hand corner) for notification of any holds you may have.

*Once you are logged into “My UTK,” scroll down to “UTK Student Registration Links.” Click on “Search for Classes” to look up sections and then register.

*Print a copy of your schedule when you are finished registering.

If you have any questions, call the Office of the University Registrar at 865-974-2101 or contact Charlene Hane in Student Services room D-100, phone 931-393-7228, email chane@utsi.edu.

TOLL-FREE NUMBERS

For a specific office: .............................................1-888-822-UTSI (8874) and the extension number.
For general information: .............................................1-888-822-UTSI (8874)
Admissions Office: ..................................................1-888-822-UTSI (8874)-37234
Budget and Finance Office: ..............................1-888-822-UTSI (8874)-37297
Student Services..................................1-888-822-UTSI (8874)-37228

APPLICATION FOR ADMISSION

No student will be allowed to register unless a completed Application to the Graduate School of the University of Tennessee, Knoxville (UTK) is on file in the Registrar's Office. An Application for Admission to the UTK Graduate School must be completed online at https://www.applyweb.com/utg and accompanied by a $60.00 non-refundable application fee made payable to The University of Tennessee Space Institute. All applicants are required to
provide one official transcript of all undergraduate and graduate records, GRE test scores and three letters of recommendation when applying. International applicants will also need to include TOEFL scores. GRE scores are a requirement of all departments at UTSI except the Master of Science degree in Industrial Engineering/Engineering Management concentration. Please select UT Space Institute if you plan to attend the Tullahoma campus location. All applications need to be submitted online to the office of Graduate Admissions Knoxville, TN.

Graduate Research Assistantship applications need to be submitted to Clara Ferguson, Office of Admissions and Recruiting, University of Tennessee Space Institute, MS-6, Tullahoma, TN 37388-9700. Assistantship applications must include GRE test scores and three letters of recommendation. All International applicants will need to provide TOEFL test scores in addition to GRE’s. Official transcripts and test scores should be sent to College Code 1843, Graduate Admissions Office, 201 Student Services Building, Knoxville, TN 37996-0221. Once admitted, a full admission will not be granted until all official test scores and degree confirmation are received in the Graduate Admissions Office in Knoxville. Please contact Clara Ferguson at (931) 393-7234 or 888-822-8874 ext. 37234 if you have questions.

TOTAL WITHDRAWAL FROM THE UNIVERSITY

If, after registering for classes and either returning your fee payment or your Confirmation of Attendance form to the Bursar’s Office, you decide not to enroll for this term, you must immediately notify Charlene Hane, Student Services, at UTSI. If you withdraw officially on or before a Change of Registration deadline, but after the no “W” deadline for a particular session, the grade of “W” will be issued.

GRADES

Students may obtain their grades through the web at MyUTK or contact Charlene Hane, Student Services, Office D-100, (931) 393-7228.

GRADUATE STUDENTS CHANGE OF REGISTRATION AFTER THE DEADLINE

To change registration in any way after the deadline, a graduate student must present a request, signed by the instructor(s) and adviser as evidence of their knowledge of the request to Charlene Hane, Student Services at UTSI. Graduate students must verify that ALL changes have been approved by their academic adviser. If the Office of Graduate Student Services approves the change of registration, the change will be noted on the student’s permanent record. THE DROP DEADLINE FOR GRADES AND THE DROP DEADLINE FOR FEE REFUNDS ARE NOT THE SAME.

FULL-TIME STUDENTS

Students enrolled in at least 9 semester hours during the Fall/Spring/Summer semesters are considered full-time. Full-time enrollment (9 hours) for two consecutive semesters or part-time enrollment (6 hours) for 3 consecutive semesters is required to full fill the admission to candidacy doctoral degree residency requirement.

Graduate Research Assistants (GRAs) must be enrolled for 9 hours during the Fall/Spring semesters and 6 hours during the Summer in addition to one credit hour of seminar each semester in which seminars are offered, unless a waiver is granted by the Associate Executive Director.
REMOVAL OF INCOMPLETE GRADES

All Incomplete Grades (I) must be removed prior to graduation. The instructor, in consultation with the student, decides the terms for the removal of the I, including the time limit for removal. If the I is not removed within one calendar year, the grade will be changed to an F. The course will not be counted in the cumulative grade point average until a final grade is assigned. No student may graduate with an I on the record. Students planning to graduate Summer Semester 2020 must remove all INCOMPLETE GRADES by August 7, 2020. Contact Charlene Hane, Student Services, to remove an Incomplete Grade.

REPEATING A COURSE

A graduate student may repeat up to two courses in which they earned a grade of D or F.
- The decision to repeat a course is made between the student and the advisor / major professor.
- Each course may only be repeated once.
- The original and repeat grades will be included in the calculation of the cumulative grade point average (GPA).
- Credit hours will only be counted once towards meeting degree/program requirements.

Programs may prohibit students from repeating courses.

Approval Process: To re-enroll in a class in order to improve an earned grade, the graduate student must complete a petition for consideration by the Dean of the Graduate School.

ADMISSION TO CANDIDACY

MASTER OF SCIENCE DEGREE:

Each M.S. student, including IE Capstone Project students, is responsible for submitting a completed and signed Admission to Candidacy Application at least one semester prior to receiving the degree.

Candidacy committee changes or course changes must be submitted to the committee chairman using a Revision form. If changing from a thesis option to a non-thesis option or vice versa, a new Admission to Candidacy Application must be submitted. All forms must be processed through Student Services.

DOCTORAL DEGREE:

A Doctoral Committee should be formed during the student's first year of doctoral study. Any changes to the doctoral committee (deletions or additions) must be submitted to the Committee Chairman using a Revision form for approval. Each doctoral student is responsible for submitting a completed Admission to Candidacy form signed by the doctoral committee at least one semester prior to receiving the degree. All forms must be processed through Student Services.

CONTINUOUS ENROLLMENT

All degree-seeking graduate students are expected to make a full commitment to their graduate and professional study in order to ensure that they can complete all degree requirements without unnecessary delay. Graduate students are therefore required to maintain an active status through continuous enrollment from the time of first enrollment until graduation.
Continuous enrollment is maintained by registering for a minimum of one graduate credit hour per semester (excluding the summer, unless stipulated otherwise by the program or department). However, students who have started taking dissertation hours (course 600) must maintain a minimum of three credit hours per semester during all semesters, including the summer, as stipulated in the policy on "Registration for Course 600 (Doctoral Research and Dissertation)" in order to comply with the Continuous Enrollment requirement (see under Doctoral Programs for details).

The minimum enrollment for international students may be different, and international students always need to check with the Center for International Education (CIE) in order to determine what minimum enrollment they need to maintain in order to satisfy all enrollment requirements attached to their specific visa.

CONSEQUENCES OF NON-ENROLLMENT WITHOUT LEAVE OF ABSENCE

Graduate students who do not maintain continuous enrollment as stipulated in the "Continuous Enrollment" policy will lose their active student status. A student who has lost his or her active status without having been granted a Leave of Absence for the period of non-enrollment ahead of time will not be allowed to continue in his her graduate program until readmitted. (see policy on "Readmission" in the Graduate Catalog for more details).

Non-enrollment other than during an approved Leave of Absence (LOA) does not alter or affect any of the milestone deadlines, such as admission to candidacy, time to degree, and other milestones depending upon the program.

Upon approval for readmission to complete the interrupted degree program, students will be retroactively enrolled in every semester of missed enrollment for one graduate credit hour of Course 502 or for three graduate credit hours of Course 600 (whichever is appropriate). Students will be responsible for paying the past tuition charges and fees as well as the current university per semester late registration penalty. All past due charges will need to be paid before the Graduate School will approve the student for any future enrollment. For more information, go to: https://catalog.utk.edu/content.php?catoid=27&navoid=3506#leave_absence_reinstate

FINAL EXAM FOR NON-THESIS, CAPSTONE PROJECT STUDENTS, THESIS AND DISSERTATION STUDENTS

A candidate presenting a thesis or dissertation must pass a final oral examination on all work offered for the degree. The examination is scheduled through Student Services. Failure to notify Student Services of the examination date will put the student at risk for graduating that semester. Final examinations not properly scheduled MUST be repeated. The final draft of the thesis must be distributed to the committee members at least two weeks prior to the date of the final examination. In case of a grade of "Fail", the candidate may not apply for re-examination until the following semester. The result of the second examination is final.

UT POLICY ON INSURANCE FOR INTERNATIONAL STUDENTS

All foreign national students registered with the University of Tennessee, Knoxville, are required to have comprehensive medical insurance. The policy for the 2019-2020 academic year is provided by United HealthCare Student Resources. The premium must be paid before registration. Contact the Student Services Office (room D-100 ext. 37228) for further information.
GENERAL SEMINAR

A number of seminars of interest to all UTSI students and general public will be offered throughout the semester.

FINAL EXAM DATES

Final exams for summer are given during the regularly scheduled class meeting time.

FINANCIAL CALENDAR, FEES, REFUNDS, AND TUITION

Please click [http://onestop.utk.edu/tuition-fees/](http://onestop.utk.edu/tuition-fees/) link to the most current information.

The UTSI Budget and Finance Accounts Receivable Office will no longer accept payment for tuition and fees by credit card. All students will need to login to MyUTK One Stop to make secure payments online.

Please see One Stop - Paying Tuition and Fees webpage for more details [http://onestop.utk.edu/pay/](http://onestop.utk.edu/pay/).

HONOR STATEMENT

The following Honor Statement is signed by all students applying to The Graduate School:

"An essential feature of The University of Tennessee, Knoxville is a commitment to maintaining an atmosphere of intellectual integrity and academic honesty. As a student of the University, I pledge that I will neither knowingly give nor receive any inappropriate assistance in academic work, thus affirming my own personal commitment to honor and integrity."

For official information on all UTK Graduate School policies, refer to the current UTK Graduate Catalog available at [http://catalog.utk.edu](http://catalog.utk.edu). The student handbook “Hilltopics” is available online at [https://hilltopics.utk.edu/](https://hilltopics.utk.edu/)

The University of Tennessee Space Institute reserves the right to cancel any class with an insufficient number of students, or for other reasons.

THE UNIVERSITY OF TENNESSEE POLICY ON A DRUG-FREE CAMPUS AND WORKPLACE

In support of the Drug-Free Workplace Act of 1988 (Public Law 100-690) and the Drug-Free Schools and communities Act of 1989, the University of Tennessee is notifying all students, faculty, and staff of the following university policy approved by the UT Board of Trustees on 21 June 1990.

It is the policy of the University of Tennessee to maintain a safe and healthful environment for its students and employees. Therefore, university policy prohibits the unlawful use, manufacture, possession, distribution, or dispensing of drugs ("controlled substances" as defined in the Controlled Substances Act, 21 U.S.C. 812) and alcohol on university property or during university activities.

Violation of this policy is grounds for disciplinary action--up to and including immediate discharge for an employee and permanent dismissal of a student. Federal and state laws provide
additional penalties for such unlawful activities, including fines and imprisonment (21 U.S.C. 841 et seq.; T.C.A. 39-6-401 et seq.). Local ordinances also provide various penalties for drug- and alcohol-related offenses. The university is bound to take all appropriate actions against violators, which may include referral for legal prosecution or requiring the individual to participate satisfactorily in an approved drug use or alcohol abuse assistance or rehabilitation program.
The University reserves the right to revise any information listed in this timetable of classes.

The University of Tennessee Space Institute  
Summer 2020 Course Listings

### Aerospace Engineering

<table>
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<th>Course</th>
<th>Title</th>
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<th>Instructors</th>
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<tr>
<td>AE 500</td>
<td>Thesis (1-15)</td>
<td>81555, 81556, 81557, 81558, 81562, 81563, 81564</td>
<td>Abedi, Brooks, Kreth, Moeller, Schmisseur, Solies, Zhang</td>
</tr>
</tbody>
</table>

**Grading Restriction:** P/NP only.  
**Repeatability:** May be repeated.  
**Credit Level Restriction:** Graduate credit only.  
**Registration Restriction(s):** Minimum student level – graduate.

| AE 502   | Registration for Use of Facilities (1-15) | 81570                 | Moeller               |

Required for the student not otherwise registered during any semester when student uses university facilities and/or faculty time before degree is completed.

**Grading Restriction:** Satisfactory/No Credit grading only.  
**Repeatability:** May be repeated.  
**Credit Restriction:** May not be used toward degree requirements.  
**Credit Level Restriction:** Graduate credit only.  
**Registration Restriction(s):** Minimum student level – graduate.

| AE 590   | Selected Engineering Problems (2-6)       | 81571, 81572, 81573, 81823, 81824, 81825, 81826 | Abedi, Brooks, Kreth, Moeller, Schmisseur, Solies, Zhang |

**Repeatability:** May be repeated. Maximum 6 hours.  
**Comment(s):** Enrollment limited to students in problems option.  
**Registration Permission:** Consent of advisor.

| AE 599   | Special Topics: Applications of Partial Differential Equations in Engineering Systems (3) | 82061                | 80215                 |

(Same as ME 599 001 CRN 80215)
Mathematical and numerical solutions to classic problems in partial differential equations and their physical interpretation. Topics to be covered include: the heat equation, separation of variables methods, Fourier series, vibrating strings and membranes, the wave equation, Sturm-Liouville eigenvalue and eigenfunction problems, and introduction to finite difference methods.

**Repeatability:** May be repeated. Maximum 6 hours.

**AE 600** Doctoral Research and Dissertation (3-15)

SEC. 002 CRN 81575 Abedi
SEC. 003 CRN 81576 Brooks
SEC. 004 CRN 81577 Kreth
SEC. 005 CRN 81578 Moeller
SEC. 011 CRN 81584 Schmisseur
SEC. 012 CRN 81585 Solies
SEC. 013 CRN 82068 Zhang

**Grading Restriction:** P/NP only.

**BIOMEDICAL ENGINEERING**

**BME 500** Thesis (1-15)

SEC. 010 CRN 82363 Johnson

**Grading Restriction:** P/NP only.

**BME 502** Registration for Use of Facilities (1-15)

SEC. 002 CRN 83630 Johnson

Required for the student not otherwise registered during any semester when student uses university facilities and/or faculty time before degree is completed.

**Grading Restriction:** Satisfactory/No Credit grading only.

**BME 600** Doctoral Research and Dissertation (3-15)

SEC. 009 CRN 82364 Johnson
**Grading Restriction:** P/NP only.

**Repeatability:** May be repeated.

**Registration Restriction(s):** Minimum student level – graduate.

### ENGINEERING MANAGEMENT

<table>
<thead>
<tr>
<th>EM</th>
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<th>Project Management (3)</th>
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<tbody>
<tr>
<td>SEC.</td>
<td>001</td>
<td>CRN 80004 UT Space Campus</td>
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<tr>
<td></td>
<td>002</td>
<td>CRN 80005 UT Knoxville Campus</td>
</tr>
<tr>
<td></td>
<td>003</td>
<td>CRN 80006 Distance Education Campus</td>
</tr>
</tbody>
</table>


**TIME:** Tuesday & Thursday 1:00 - 3:30 E-113

**PROF:** Dr. James Simonton

Development and management of engineering and technology projects. Project proposal preparation; resource and cost estimating; and project planning, organizing, and controlling: network diagrams and other techniques. Role of project manager: team building, conflict resolution, and contract negotiations. Discussion of typical problems and alternative solutions. Case studies and student projects.

**Recommended Background:** Graduate standing in Engineering or Business.

<table>
<thead>
<tr>
<th>EM</th>
<th>600</th>
<th>Doctoral Research and Dissertation (3-15)</th>
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</thead>
<tbody>
<tr>
<td>SEC.</td>
<td>001</td>
<td>CRN 82356 Simonton UT Space Campus</td>
</tr>
<tr>
<td></td>
<td>002</td>
<td>CRN 81995 Simonton Distance Education Campus</td>
</tr>
<tr>
<td></td>
<td>003</td>
<td>CRN 82691 Yu UT Space Campus</td>
</tr>
<tr>
<td></td>
<td>004</td>
<td>CRN 83333 Yu Distance Education Campus</td>
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</tbody>
</table>

**Grading Restriction:** P/NP only.

**Repeatability:** May be repeated.

**Registration Restriction(s):** Minimum student level – graduate.

### MECHANICAL ENGINEERING

<table>
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<tr>
<th>ME</th>
<th>500</th>
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<tbody>
<tr>
<td>SEC.</td>
<td>002</td>
<td>CRN 80165 Abedi</td>
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<tr>
<td></td>
<td>004</td>
<td>CRN 80166 Brooks</td>
</tr>
<tr>
<td></td>
<td>023</td>
<td>CRN 80191 Kreth</td>
</tr>
<tr>
<td></td>
<td>024</td>
<td>CRN 80192 Moeller</td>
</tr>
<tr>
<td></td>
<td>027</td>
<td>CRN 80195 Schmisseur</td>
</tr>
<tr>
<td></td>
<td>028</td>
<td>CRN 80196 Solies</td>
</tr>
<tr>
<td></td>
<td>029</td>
<td>CRN 81870 Zhang</td>
</tr>
</tbody>
</table>

**Grading Restriction:** P/NP only.

**Repeatability:** May be repeated.

**Credit Level Restriction:** Graduate credit only.

**Registration Restriction(s):** Minimum student level – graduate.

<table>
<thead>
<tr>
<th>ME</th>
<th>502</th>
<th>Registration for Use of Facilities (1-15)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEC.</td>
<td>002</td>
<td>CRN 80198 Moeller</td>
</tr>
</tbody>
</table>
Required for the student not otherwise registered during any semester when student uses university facilities and/or faculty time before degree is completed.

**Grading Restriction:** Satisfactory/No Credit grading only.  
**Repeatability:** May be repeated.  
**Credit Restriction:** May not be used toward degree requirements.  
**Credit Level Restriction:** Graduate credit only.  
**Registration Restriction(s):** Minimum student level – graduate.

**ME 590 Selected Engineering Problems (2-6)**
SEC. 001 CRN 80212 Abedi  
002 CRN 80213 Brooks  
003 CRN 80214 Kreth  
004 CRN 81952 Moeller  
005 CRN 81953 Schmisseur  
006 CRN 81954 Solies  
007 CRN 81955 Zhang

**Grading Restriction:** Satisfactory/No Credit grading only.  
**Repeatability:** May be repeated. Maximum 6 hours.  
**Comment(s):** Enrollment limited to students in the problems option.  
**Registration Permission:** Consent of advisor.

**ME 599 Special Topics: Applications of Partial Differential Equations in Engineering Systems (3)**
SEC. 001 CRN 80215 (Same as AE 599 001 CRN 82061)


**TIME:** Monday, Wednesday, Friday 9:30 – 10:45 E-111  
**PROF:** Dr. Monty Smith

Mathematical and numerical solutions to classic problems in partial differential equations and their physical interpretation. Topics to be covered include: the heat equation, separation of variables methods, Fourier series, vibrating strings and membranes, the wave equation, Sturm-Liouville eigenvalue and eigenfunction problems, and introduction to finite difference methods.

**Repeatability:** May be repeated. Maximum 6 hours.  
**Registration Permission:** Consent of instructor.

**ME 600 Doctoral Research and Dissertation (3-15)**
SEC. 002 CRN 80223 Abedi  
003 CRN 80224 Brooks  
004 CRN 80225 Kreth  
005 CRN 80226 Moeller  
020 CRN 80241 Schmisseur  
025 CRN 80247 Solies  
026 CRN 82324 Zhang

**Grading Restriction:** P/NP only.  
**Repeatability:** May be repeated.  
**Registration Restriction(s):** Minimum student level – graduate.
PHYSICS

Phys 600 Doctoral Research and Dissertation (3-15)
SEC. 003 CRN 81162 Parigger

Grading Restriction: P/NP only.
Repeatability: May be repeated.
Registration Restriction(s): Minimum student level – graduate.