University of Idaho Engineering in Boise Program

Engineering Technology Building, Room 201
Telephone (208) 385-1309

Director and Associate Professor of Computer Science: Robert Rinker; Assistant Director: Kathy Bellnap; Electrical Engineering Faculty: Jacob Baker, Herbert L. Hess, James N. Peterson, Richard W. Wall, Richard B. Wells

Degrees Offered
- B.S. in Computer Engineering
- B.S. in Electrical Engineering

Program Statement
As part of its statewide role and mission, the University of Idaho is pleased to be offering engineering education opportunities in Boise. We are presently offering complete bachelor of science degrees in Electrical and Computer Engineering in Boise, plus course work leading to bachelor degrees in Chemical, Civil and Mechanical Engineering.

Bachelor of science degrees in Electrical and Computer Engineering can be completed entirely in Boise. Upper division course work in Mechanical Engineering, Chemical Engineering and Civil Engineering is also offered, so that approximately one year of study is required in Moscow to complete the bachelors degree.

The University of Idaho College of Engineering, with the very generous cooperation of Boise State University, has been teaching classes on the Boise State University campus since 1988. The first engineering degrees earned through the Boise program were awarded in 1990. To cater to the special needs of working students, classes are scheduled in the late afternoon and evening. Courses are taught by University of Idaho engineering faculty, utilizing facilities provided by Boise State University.

Students wishing to pursue an engineering degree in Boise take most of the first two years of course work through the BSU engineering program. After two years, the student "transfers" to UI and then continues taking UI courses taught on the BSU campus.

Admission to Classes
To take upper division courses taught through the Engineering in Boise program, students must have completed certain required courses in chemistry, computer science, engineering, mathematics and physics and achieved a grade of 'C' or better in each of these courses. The specific list of courses varies with each major; please contact the UI Engineering in Boise Office for specific course lists.

Fees
Students enrolled in the Engineering in Boise program pay fees through BSU. The amount of fees is determined by the total number of credits taken, regardless of the combination of credits taken from the two universities. Students who qualify can take UI classes at no additional charge.

Financial Aid
Applications for financial aid are processed by the BSU Office of Financial Aid.

General Education Requirements
Since the degree that will be earned is a UI degree, all UI requirements for graduation must be met. One area of difference between BSU requirements and UI requirements is in the General Education (or Core) Requirements. While many of the courses listed as BSU core requirements will indeed satisfy UI core requirements, some do not. The number of credits required by UI in each core category is different. Please consult with the UI Boise Engineering Office to determine which core courses are appropriate for a UI engineering degree.

Writing Proficiency Test
All students transferring to UI are required to take a Writing Proficiency Test administered by the UI English Department. This test is given in Boise twice a year, once in the fall and once in the spring. Please note that this test is NOT the same as the test given by the BSU English department.

Curricula
The UI Engineering curricula are subject to review and revision by UI faculty. The information listed here is intended only as a guide. Refer specific questions to the UI Boise Engineering Office.

Recommended Program
Students pursuing an engineering degree should follow the BSU recommended program for the Freshman and Sophomore years.

AGRICULTURAL ENGINEERING

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### Humanistic/Social HS
- **BSU**: 4

### Hydrology CE 321
- **UI@BOI**: 3

### Properties Biology Matis BSyE 386
- **UI@MOS**: 3

### Thermodynamics & Heat Transfer EN 320
- **UI@MOS**: 3

### Ctrl for BioSystem BSyE 362
- **UI@MOS**: 3

### Communication elective
- **BSU**: 2

### Technical elective
- **UI@MOS**: 3

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### ELECTRICAL ENGINEERING CURRICULUM

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### SENIOR

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| Senior Seminar EE 491 | **UI@BOI**: 0 |
| Eng Science elective ES | **BSU**: 3 |
| Principals of Design EE 481 | **UI@BOI**: 3 |
| Engineering Economy EN 320 | **BSU**: 3 |
| Technical electives TE | **UI@BOI**: 9 |
| Upper Division HS | **BSU**: 3 |

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### CIVIL ENGINEERING CURRICULUM

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<td>UI @ MOS</td>
<td></td>
</tr>
<tr>
<td>E.I.T. Exam Prep CE 411</td>
<td>0</td>
<td>UI @ MOS</td>
<td></td>
</tr>
<tr>
<td>Technical elective</td>
<td>6</td>
<td>UI @ MOS</td>
<td></td>
</tr>
<tr>
<td>Upper Division HS</td>
<td>3</td>
<td>UI @ MOS</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td><strong>16</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

## UI at Boise Course Offerings

NOTE: This section lists only the required classes taught in Boise. Other courses area available. Consult the UI catalog or contact the UI Boise Engineering office for more information.

### EE/XE ELECTRICAL ENGINEERING

#### EE 292/XX 292 SOPHOMORE SEMINAR (0)(S)
Curriculum options, elective courses, prep for graduate study, and current tech topics. Field trip may be required. Graded P/F.

#### EE 313/XX 313 ANALOG AND DIGITAL ENGINEERING (3 cr)(S)
Designed to give the non-electrical engineer a broad based hands-on approach to electrical engineering. The main focus of the course is on practical applications in analog and digital electronics through the use of data acquisition circuits, microcontrollers and operational amplifiers. **PREREQ:** BSU's EN 221 or EN 222.

#### EE 316/XX 316 ELECTRONICS I (3 cr)(F)
Introduction to application of electronic devices in electrical networks; diodes, rectifiers, power supplies, and thermal management; bipolar junction transistor principles, biasing, modeling and low-frequency small-signal application; operational amplifier fundamentals and applications. **PREREQ:** BSU's EN 221 and EN 223.

#### EE 317/XX 317 ELECTRONICS LAB I (1 cr)(F)
Lab to accompany or follow EE 316. **PREREQ or COREQ:** EE 316.
ME 223/ME 223 MECHANICAL DESIGN ANALYSIS (3 cr)(S). Use of a design and problem solving methodology in the creation of application programs; matrix methods; numerical integration; solution of differential equations; oral/written communication. Three lec and one 2-hr open lab a wk. PREREQ: BSU's EN 107 and EN 108. COREQ: BSU's M 331.

ME 261/ME 261 ENGINEERING MATERIALS (3 cr)(F). Fundamental factors in influencing properties and section of materials. PREREQ: BSU's C 131.

ME 262/ME 262 SOPHOMORE LABORATORY (2 cr)(S). Materials foundation of mechanics; testing of structures subject to axial, torsion, and bending loads as well as thin-walled pressure vessels; use of computers for data reduction and analysis; development of engineering record keeping skills. PREREQ: BSU's EN 225, EN 107.

ME 324/ME 324 DYNAMIC ANALYSIS IN MACHINE DESIGN (3 cr)(F). Kinematic, static and dynamic principles and application to analysis and synthesis of machines with emphasis on computer-aided design (CAD) technology. Two lec and one 3-hour lab a week; one 1-day field trip. PREREQ: BSU's EN 206 and M 331; ME 223.

ME 341/ME 341 INTERMEDIATE MECHANICS OF MATERIALS (3 cr)(S). Mechanics of materials approach to three dimensional stress and strain, plates, curved beams, pressure vessels, non-circular torsion and unsymmetrical ending; introduction to elementary energy methods and advanced strength theories. PREREQ: BSU's EN 306.

ME 345/ME 345 HEAT TRANSFER (3 cr)(S). Transmission by conduction of heat in steady and unsteady states, by free and forced convection, and by radiation; combined effects of conduction, convection, and radiation. PREREQ: BSU's EN 320 and M 331; ME 223 or PERM/INSTR.

Department of English
Liberal Arts Building, Room 228
Telephone (208) 385-1246

Chair and Professor: Chaman L. Sahni; Director of Graduate Studies and Professor: Dale K. Boyer; Director of Undergraduate Studies and Assistant Professor: Glenn Selander; Director of Technical Communication and Professor: Mike Markel; Professors: Davis, Dayley, Leathy, Lojek, Maguire, Martin, Trusky, Widmayer, Willis, Zirinsky; Associate Professors: Guilford, Lykken, Ryder, Sanderson, Shirk, Uehling, Zaerr; Assistant Professors: Ackley, Anderson, Cooper, Evett, Hadden, King, McGuire, Nickerson, Robbins, Warner.

Degrees Offered
• B.A. in English, Liberal Arts
• B.A. in English, Secondary Education
• B.A. in English, General Literature emphasis
• B.A. in English, American Literature emphasis
• B.A. in English, British Literature emphasis
• B.A. in English, Linguistics emphasis
• B.A. in English, World Literature emphasis
• B.A. in English, Technical Communication
• B.A. in English, Writing emphasis
• M.A. in English (see Graduate College Catalog for details)
• Certificate & Advanced Certificate in Technical Communication

Department Statement
The major in English has traditionally served to develop skills of imagining, reasoning and communicating. English majors come to approach matters from a variety of points of view, to recognize patterns of information or ideas from incomplete reports and to understand other people as well as abstract principles. For these reasons the major in English has provided one of the most successful preparations for professional degrees in law, medicine and commerce. The department also participates in the university's Studies Abroad program described on page 39. For information on the department's Certificates in Technical Communication, see pages 98-99.

To serve students' personal and professional goals, the department has designed several options that prepare students for lifelong learning; for graduate work in literature, language and writing as well as in the professions and business; and for careers in government, business and industry. The Liberal Arts emphasis includes a foreign language requirement that will help students prepare for careers in international contexts and for graduate programs with a foreign language requirement. The Secondary Education emphasis fulfills Idaho certification requirements and prepares students to teach in school districts throughout the country. The General Literature emphasis, by limiting specific departmental requirements, offers students flexibility in designing their programs. The American, British and World Literature emphases offer students concentration in fields that can lead to specific graduate programs or to fulfilling personal interests and goals. The Linguistics emphasis provides the opportunity for closer study of how language works and its connections with related fields such as anthropology, sociology and psychology; it also leads to graduate study in linguistics and teaching English as a second language. The Technical Communication emphasis, which focuses on writing, editing and document production, prepares students for careers in business and industry for professional writing in the health fields and in science. The Writing emphasis prepares professional writers for freelance writing, writing for the fiction and poetry markets, editing and book and periodical production.
Degree Requirements

All majors must fulfill general university requirements for the Bachelor of Arts degree.

1. BA, English, Liberal Arts emphasis
   • Specific Courses
     Survey of British Literature E 240 and E 260
     Shakespeare E 345, 346
     Introduction to Language Studies LI 305
     History of the English Language LI 309
     History of Literary Criticism E 393
     Senior Seminar E 498
   • Area Requirements
     American Literature E 271, 272, 378, 384
   • Upper division electives
   • Competence in a Foreign Language equivalent to two years of university instruction.

2. BA, English, Secondary Education
   • Specific Courses
     Survey of British Literature E 240, E 260
     Shakespeare E 345, 346
     Introduction to Language Studies LI 305
     History of Literary Criticism E 393
     Senior Seminar E 498
   • Area Requirements
     American Literature E 271, 272, 378, 384
   • Upper division electives
   • Competence in a Foreign Language equivalent to two years of university instruction.

3. BA, English, General Literature emphasis
   • Specific courses
     Completion of 54 credits in English or Linguistics excluding E 101, E 102, E 111-H and E 112-H.
   • Area Requirements:
     a. Of these credits, 39 must be upper division, including E 498, Senior Seminar.
     b. Of the upper division credits, 15 must be in British Literature, excluding E 386, E 387, E 389, E 485 and E 486.
     c. No more than 9 credits may be in special topics courses in English or Linguistics.

4. BA, English, American Literature emphasis
   • Specific courses
     Survey of American Literature E 271, 272
     Shakespeare, E 345 or E 346
     American Renaissance E 377
     American Realism E 378
     Literature of the American West E 384
     Folklore E 390
     Senior Seminar E 498
   • Area requirements:
     Modern British & American Literature E 386, 387, 389, 485, 486
     Lower division Literature E 211, 213, 217, 218, 240 or 260
     Upper division electives in Literature or Linguistics
     British Political Theory PO 331
     Cultural Anthropology AN 102 (Area II)
     U.S. History HY 151, 354, 355, 356, 358, or 359

5. BA, English, British Literature emphasis
   • Specific courses
     Survey of British Literature E 240, E 260
     Shakespeare E 345 or 346
     Senior Seminar E 498
   • Area Requirements:
     Pre-1800 Brit Literature courses numbered E 340-359
     Post-1800 Brit Literature courses numbered E 340-359
     Electives in British or American Literature (15 upper division)
     British History HY 311, 312, 338 or 432

6. BA, English, Linguistics emphasis
   • Specific courses:
     Intro Language Studies LI 305
     Modern English Grammar LI 306
     Applied English Linguistics LI 307
     History of English Language LI 309
     Applied Linguistics in Teaching ESL LI 407
     ESL Internship E 493
     Senior Seminar E 498
   • Area Requirements:
     Electives in Literature lower or upper division
     Language read in original language
     A 2nd year of foreign language or one year of a 2nd foreign language
     Cultural Anthropology, AN 102 (Area II Core)

7. BA, English, World Literature emphasis
   • Specific courses:
     Far Eastern Literature E 215
     Western World Literature E 230, 235
     19th & 20th Century Continental Literature E 336, 338
     Medieval Narrative, E 341
     Shakespeare E 345 or 346
     Folklore E 390
     History of Literary Criticism E 393
     Senior Seminar E 498
   • Area Requirements:
     Lower division Literature E 211, 213, 217, 240, 260, 271 or 272...
English Literature courses from E 340-369.................................9
Upper division electives in Literature or Linguistics...........................9
World Drama TA 341, 342, or 445..................................................3
History, other than US or British....................................................6

8. BA, English, Technical Communication Emphasis
   • Specific courses:
     Nonfiction Writing E 201..........................................................3
     Technical Rhetoric E 302...........................................................3
     Advanced Nonfiction Writing E 401...........................................3
     Advanced Technical Communication E 402.................................3
     Technical Editing E 403.............................................................3
     Document Production E 405.......................................................3
     Internship E 493...................................................................6
     Senior Seminar E 498.................................................................3
     Linguistics LI 305, 306, 406.......................................................6
     Business Ethics & Social Responsibility GB 380..........................3
     Intro Management Information Systems IS 310.........................3

   • Area Requirements:.................................................................21
     Management:..............................................................6
     Chosen from: Management & Organizational Theory MG 301, Organizational Behavior MG 401, Management of Technology MG 405, Organizational Theory & Bureaucratic Structure SO 487.

   • Upper division Literature electives............................................9

9. BA, English, Writing emphasis
   • Specific courses:
     Nonfiction Writing E 201..........................................................3
     Technical Communication E 202 or 302.....................................3
     Technical Rhetoric E 302...........................................................3
     Introduction to Language Studies LI 305....................................3
     Advanced Nonfiction Writing E 401...........................................3
     Writing Internship E 493.............................................................6
     Senior Seminar E 498.................................................................3

   • Area Requirements:
     Creative Writing E 205, 206, 305, or 306....................................6
     Additional linguistics LI electives..............................................6
     Lower division Literature electives...........................................6
     Upper division Literature electives..........................................12
     Additional upper division E or LI electives.............................9
     Interdisciplinary electives: CM 264, 273, 321, 373, 473, 474; PY 221; TA 340; or other writing-related courses outside the department approved in advance by the English Department..........................6

   *Students take E 302 if they plan to go on to E 402, Advanced Technical Communication.

ENGLISH MINOR
One writing course numbered 200 or higher..................................3
Linguistics.................................................................................3
Survey British Literature E 240 or 260........................................3
Survey American Literature E 271 or 272....................................3
English and Linguistics electives (6 upper division).......................9
Total.................................................................21

Minor Teaching Endorsement in English
Advanced Composition..................................................3
Linguistics.................................................................................3
Methods E 301, 381.................................................................3

Survey American Literature E 271, 272........................................3
Lower division Literature (to be selected from E 215, 230, 235, 240, 260).................................................................6
Upper division Literature.............................................................6
Successful completion of Writing Proficiency Review (portfolio of writing submitted to English Department Writing Committee).

Theatre Arts Minor For English Majors
Technical Theatre TA 117..........................................................4
Technical Theatre TA 118............................................................4
Acting TA 215.........................................................................3
Major Production Participation TA 331........................................1
One of the following:
   Stage Voice TA 233 ................................................................2
   World Drama, 500 B.C. to 1660 TA 341....................................3
   World Drama, 1660 to 1960 TA 342..........................................3
   Contemporary Theatre TA 445................................................3
   Directing TA 401....................................................................3
One of the following:
   Shakespeare: Tragedies and Histories E 345..............................3
   Shakespeare: Comedies and Romances E 346............................3
Total hours in Theatre Arts Minor for English Major.....................20 or 21

Combined Major, Communication and English
The combined major is designed for students interested in jobs in business and industry or mass communication. It offers an opportunity to combine courses in complementary subject areas. Students select an emphasis in Journalism or in Communication under the combined major.

Refer to the Department of Communication listing in this Catalog for the specific requirements.

Technical Communication
The Certificate in Technical Communication and the Advanced Certificate in Technical Communication are intended to enhance the education of students who are seeking a baccalaureate degree or who already have a baccalaureate degree. Each certificate will consist of five courses: three required courses in technical communication, as well as two related, approved electives. Students who wish to substitute an alternative course for one of the two listed electives may petition the Director of Technical Communication.

The Certificate in Technical Communication is intended for undergraduate students or post-baccalaureate students who wish to improve their skills as communicators. The Advanced Certificate is intended for advanced undergraduate and graduate students.

Certificate in Technical Communication
REQUIRED:
Business Ethics and Social Responsibility GB 360..........................3
Technical Rhetoric E 302.............................................................3
Advanced Technical Communication E 402.................................3
Two of the following:..............................................................5-6
   Basic Design AR 105.................................................................3
   Basic Design AR 106.................................................................3
   Architectural Graphic Communication AR 156.........................3
   Computer Design for Graphic Designers & Artists AR 333........4
   Interpersonal Communication CM 221.....................................3
   Public Speaking CM 231...........................................................3
   Communication in Small Groups CM 251..................................3
   Intro Communication Training & Development CM 255.............3
   Interviewing CM 307................................................................3
   Organizational Communication CM 361....................................3
Two of the following: 5-6

Technical Editing E 513 3
Advanced Certificate In Technical Communication

All students must pass a minimal competency exam in written English as a
course.

committed to demonstrated literacy in each of its graduates because the
graduation requirement separate from course requirements. BSU is
demonstrated proficiency whether students took writing classes here or at
creates the ideas which are the bases of academic work, BSU requires
ability to write effectively has long been the mark of an educated person, a
means of both informing and reflecting our world. Since language often
exam given to E 101 and E 102 students, since Spring Semester, 1981, is a
before their senior year. This examination, which includes both parts of the
English Composition Core Requirement

The exam assesses students' ability to use standard written English. Exam
results are used to determine a student's placement in one of the
following:

<table>
<thead>
<tr>
<th>Test score</th>
<th>Class Indicated</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-19</td>
<td>E 010 Developmental Writing</td>
</tr>
<tr>
<td>20-89</td>
<td>E 101 English Composition</td>
</tr>
</tbody>
</table>

For testing times and locations, contact the English Department Writing
Program Office, LA 256C, 385-1423.

ESL (English as a Second Language) students should not take the CPT.
They should take the Michigan Exam given by Testing and Counseling.
Contact Brenda Ross, 385-1757, A-107, for testing times and location.

Course Offerings

See page 4 for definition of course numbering system

E ENGLISH

Students who transfer from other schools with qualifying scores on
objective tests equivalent to those administered to Boise State University
freshmen will be required to take only the essay section of the placement
tests. See requirements below for remedial and advanced placement in
English Composition.

Nine credits of Creative Writing may be counted toward fulfillment of the
major requirements.

Lower Division

E 010 DEVELOPMENTAL WRITING (1-2-O). Training in writing and editing
processes with emphasis on correctness and sentence structure. Attention to fluency,
organization, development, revision. Required if writing sample demonstrates need or
prerequisite. PREREQ: Grade of C or above in E 111 or

E 101 ENGLISH COMPOSITION (3-0-3)(Core). Introductory college writing and
critical reading, with the goal of producing well-organized and effective expository
esays. Emphasis on writing thoughtful, accurate discussions of reading, observa-
tions and ideas; developing the writer's voice and inventiveness; and editing for style
and conventions of standard usage. Successful completion of competency test
required. PREREQ: ACT or SAT percentile score of 80 or above.

E 102 ENGLISH COMPOSITION (3-0-3)(Core). Emphasis on research, reading
and writing about texts from various disciplines. Practice in exposition, to include
summarizing, synthesizing and evaluating sources. Successful completion of
competency exam required. PREREQ: Grade of C or above in E 101 or ACT/SAT
percentile score of 80 or above.

E 111, 112 HONORS COMPOSITION (3-0-3)(Core). Provides superior student
challenge emphasizing individual study and original writing. Introduction to critical
writing and study of ideas through literature. Honors 111 concentrates on lyric poetry,
essays and short fiction. Honors 112 concentrates on epic poetry, drama and the
novel. Normal prerequisite: SAT or ACT of 80th percentile or above for E 111.
Successful completion of competency tests required. PREREQ: E 111 or
PERM/CHAIR for E 112.

E 121 ENGLISH AS A SECOND LANGUAGE (5-0-3)(F/S). Special emphasis on
vocabulary development, reading and development of skills in written English. Graded
Pass/Fail. PREREQ: Placement exam and recommendation from Foreign Student
Admissions.

English Composition Core Requirement

All students must pass a minimal competency exam in written English as a
graduation requirement separate from course requirements. BSU is
committed to demonstrated literacy in each of its graduates because the
ability to write effectively has long been the mark of an educated person, a
means of both informing and reflecting our world. Since language often
creates the ideas which are the bases of academic work, BSU requires
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means of both informing and reflecting our world. Since language often

Students who have not had the exam as part of their writing courses at
BSU must pass it to be eligible for graduation and should plan to take it
before their senior year. This examination, which includes both parts of the
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vocabulary development, reading and development of skills in written English. Graded
Pass/Fail. PREREQ: Placement exam and recommendation from Foreign Student
Admissions.

The ENGLISH COMPOSITION requirement may be met in one of the
following ways:

1. Completion of E 101 and E 102, English Composition.
2. Completion of E 111 and E 112, Honors Composition. Admittance is
dependent on ACT or SAT score.
3. Successful Challenge of E 101 or E 102 by taking the departmentally
specified test.
4. Students who score in the 80th percentile or above on the ACT or SAT
are exempt from E 101. E 102 is required.
5. The Computer Placement Test (CPT) is given to students who wish to
enroll in freshman English. Students with ACT or SAT scores do not
need to take this exam, nor do students who wish to enroll in E 010
(Developmental Writing). The exam fee is $5.00.

The exam assesses students' ability to use standard written English. Exam
results are used to determine a student's placement in one of the
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novel. Normal prerequisite: SAT or ACT of 80th percentile or above for E 111.
Successful completion of competency tests required. PREREQ: E 111 or
PERM/CHAIR for E 112.

E 121 ENGLISH AS A SECOND LANGUAGE (5-0-3)(F/S). Special emphasis on
vocabulary development, reading and development of skills in written English. Graded
Pass/Fail. PREREQ: Placement exam and recommendation from Foreign Student
Admissions.
E 122 COMPOSITION AND READING FOR FOREIGN STUDENTS (3-0-3)(F/S).
Practice in reading and composition, development of special vocabulary skills related to individual needs, advanced English sentence structure. Graded Pass/Fail. PREREQ: Placement exam and recommendation from Foreign Student Admissions or grade of Pass in E 121.

E 123 ADVANCED ENGLISH COMPOSITION FOR FOREIGN STUDENTS (3-0-
3)(F/S). Study of and practice in the principles of formal and informal written English, principles of the essay and research paper, continuation of vocabulary development and mastery of the more complex types of English structure. Successful completion of the competency exam required. Graded Pass/Fail. Successful completion of E 123 qualifies the student for entrance into E 101. PREREQ: Placement exam and recommendation from Foreign Student Admissions or grade of Pass in E 122.

E 131 INTRODUCTION TO LITERATURE (3-0-3)(F/S). A study of popular and classic novels, short stories, plays and poems by notable American, British and other authors. Students will see film or television versions and hear recorded editions of some of the works read. PREREQ: Completion of or concurrent enrollment in E 101 or PERM/CHAIR.

E 201 NONFICTION WRITING (3-0-3)(F,S). Further development of skills and strategies learned in E 102. Student will study and write nonfiction prose, particularly research and persuasive writing. Writing practice will stress the writer's awareness of his or her own style and the manipulation of stylistic elements. PREREQ: E 102.

E 202 TECHNICAL COMMUNICATION (3-0-3)(F/S). An overview of the principles and applications of technical communication for those students who expect to write on the job. Assignments are related to each student's background and field of interest. Topics include letters, instructions, reports and technical presentations, as well as audience analysis, the writing process, graphics, document design and the ethics of technical communication. PREREQ: E 102 or PERM/INST.

E 205 POETRY WRITING (3-0-3)(F). Based on evaluation of student's original work. May be repeated for a total of nine credit hours. PREREQ: PERM/INST.

E 206 FICTION WRITING (3-0-3)(S). Introduction to fiction writing with a concentration on descriptive technique. Readings in the short story. May be repeated for a total of nine credit hours.


E 215 FAR EASTERN LITERATURE, IN TRANSLATION (3-0-3)(Area I). Survey of literature of Far Eastern countries with major emphasis on China, India and Japan. An introduction to the cultural and religious environment of each country is covered. PREREQ: E 102.


E 230 WESTERN WORLD LITERATURE (3-0-3)(Area I). Introduction to writings of the great minds in the Western tradition which have shaped our cultural and literary past and present. Reading includes selections from ancient Greece, Imperial Rome and medieval and renaissance Europe. PREREQ: E 102.

E 235 WESTERN WORLD LITERATURE (3-0-3)(Area I). An introduction to the Western literary tradition as it has developed during the last four centuries. Attention will be paid to the way in which the older values and attitudes are challenged by the new spirit of skepticism and rebellion. PREREQ: E 102.

E 240 SURVEY OF BRITISH LITERATURE TO 1790 (3-0-3)(Area I). Examines the dominant cultural movements and literary forms in England from the middle ages through the 18th century. PREREQ: E 102.


E 271 SURVEY OF AMERICAN LITERATURE: Beginnings to Civil War (3-0-
3)(Area I). This course traces the artistic, philosophic, social, scientific and intellectual influences on American writers and the emergence of an independent American outlook, as seen in the literary works of such authors as Thoreau, Hawthorne, Melville, Emerson and Whitman. PREREQ: E 102.

E 272 SURVEY OF AMERICAN LITERATURE: Civil War to Present (3-0-3)(F/S) (Area I). This course traces the continued development of American literary thought as revealed in the works of such authors as Twain, James, Hemingway, Eliot and Faulkner. PREREQ: E 102.

E 291 THEATRE AND THEATRE CRITICISM (3-0-3)(S). A study of theatre history and contemporary theatre practice. Emphasis on all types of theatre performance as well as the theory and criticism of theatre. PREREQ: E 102 or permission of the instructor.

E 301 TEACHING ENGLISH COMPOSITION (3-0-3)(F,S). Methods and techniques for teaching English composition in secondary schools, with emphasis on individualization of instruction, student-centered activity, creativity and integration of composition into all the other aspects of the total English program. Limited to teachers, students with a secondary option and a major or minor in English, or consent of the department chair. PREREQ: Upper division standing and LI 305, Introduction to Language Studies, or in-service teaching.

E 302 TECHNICAL RHETORIC (3-0-3)(F/S). An introduction to the rhetoric of technical communication for English majors and others who are considering a career in the field. Topics include the visual rhetoric of graphics and document design, the ethics of technical communication and the principal rhetorical modes (oration, description, exposition and argumentation) as they are employed in technical communication. PREREQ: E 102 or PERM/INST.

E 305 ADVANCED POETRY WRITING (3-0-3)(S). PREREQ: E 205 or PERM/INST based on evaluation of student's work. May be repeated for nine credit hours.

E 306 ADVANCED FICTION WRITING (3-0-3)(F). Exploration of narrative technique, dialogue form and the short story. Recommended: E 205. May be repeated for nine credit hours.


E 338 TWENTIETH-CENTURY CONTINENTAL LITERATURE (3-0-3)(S). Twentieth-century philosophical trends and cultural themes are emphasized in the reading. Includes works by Mann, Mauriac, Kafka, Hesse, Grass and Solzhenitsyn, which examine mythological, existential, religious and political themes in relation to contemporary human values. PREREQ: E 102 or PERM/CHAIR. Alternate years. Offered 1995/1996.

E 340 CHAUCER (3-0-3)(F). Emphasis on The Canterbury Tales and Troilus and Criseyde. Also representative minor works. PREREQ: Three credits of literature or PERM/CHAIR. Alternate years.

E 341 MEDIEVAL NARRATIVE (3-0-3)(F/S). Representative English and continental narrative literature, including such works as Beowulf, Sir Gawain and the Green Knight, Arthurian romances by Chretien de Troyes and Marie de France, The Song of Roland and Dante's Divine Comedy. PREREQ: Three credits of literature or PERM/CHAIR. Alternate years.

E 342 MEDIEVAL DRAMA (3-0-3)(F/S). An investigation of the development of theater in Europe from the early Middle Ages through the early Renaissance. Readings will provide a survey of representative works, but the focus will be on the English Corpus Christi plays. Production of one of these plays will be a part of the course. PREREQ: Three credits lower division literature or PERM/CHAIR. Alternate years.

E 343 MEDIEVAL ARTHURIAN LITERATURE (3-0-3)(F/S). The origins of the Arthurian legend. Beginning with the earliest references to King Arthur, the material traces the development of the tales through Geoffrey of Monmouth, Chretien de Troyes, the Welsh Mabinogion, miscellaneous isolated tales and Thomas Malory's Le Morte D'Arthur. PREREQ: Three credits lower division literature or PERM/CHAIR. Alternate years.

E 345 SHAKESPEARE: TRAGEDIES AND HISTORIES (3-0-3)(F/S). A selection of the tragic plays including Romeo & Juliet, Hamlet and King Lear and the best plays concerning English history. PREREQ: Three credits of literature or PERM/CHAIR.

E 346 SHAKESPEARE: COMEDIES AND ROMANCES (3-0-3)(F/S). Representative plays such as The Taming of the Shrew, A Midsummer Night's Dream, As You Like It, Twelfth Night and the Tempest. PREREQ: Three credits of literature or PERM/CHAIR.


E 350 SEVENTEENTH CENTURY POETRY AND PROSE (3-0-3)(S). The works of English authors such as Francis Bacon, Ben Jonson, John Donne, George Herbert, Andrew Marvell, Robert Burton and Thomas Browne, who flourished in the first 60 years of the 17th century. The social, philosophical and scientific background of this period. PREREQ: Three credits of literature or PERM/CHAIR. Alternate years. Offered 1995/1996.


E 359 BRITISH NOVEL: BEGINNINGS THROUGH AUSTEN (3-0-3)(F). An investigation of the novel tracing its roots and exploring the work of Defoe, Richardson, Fielding, Smollett, Sterne, Austen and others. The emergence of the most popular genre of literature helps us to understand how fiction reflects our assumption about the world around us. PREREQ: Three credits of literature or PERM/CHAIR.

E 365 VICTORIAN POETRY (3-0-3)(S). Readings in Tennyson, Browning, Arnold and others. Their poems are the same songs, sometimes shocking results of trying to find and keep artistic and moral hope amidst evil but unhealthy times. PREREQ: Three credits of literature or PERM/CHAIR.

E 366 VICTORIAN PROSE (3-0-3)(S). Great prose stylists, including Carlyle, Arnold, Newman, Ruskin and Pater, bring insights to controversies over issues still with us. Their subjects range from industrialism to mysticism, their purposes from amusement to reformation. PREREQ: Three credits of literature or PERM/CHAIR. Alternate years. Offered 1994/1995.

E 369 BRITISH NOVEL: SCOTT THROUGH HARDY (3-0-3)(S). An investigation of the development of the English novel during the nineteenth century with particular attention to the impact of Victorian thought on the genre and to the emergence of the modern novel. Includes Scott, Dickens, Gaskell, Thackeray, the Brontes, Trollope, Eliot and Hardy. PREREQ: Three credits of literature or PERM/CHAIR.

E 375 LITERATURE OF THE NEW REPUBLIC (3-0-3)(F/S). A study in the first generation of the American literary experience (from the 1700s to the 1850s) when the founders of the republic shaped American character and culture. Includes such writers as Charles Brockden Brown, James Fenimore Cooper, Hana Foster, Washington Irving and Catherine Maria Sedgwick. PREREQ: Three credits of literature or PERM/CHAIR.

E 376 NINETEENTH-CENTURY AMERICAN NONFICTION (3-0-3)(F/S). Studies one of our nation's most central texts selected from the expression prompted by slavery, the Civil War, westward expansion and rapid social and intellectual changes. Includes writers such as John Burroughs, George Catlin, Mary Boykin Chesnut, Frederick Douglass, Charlotte Perkins Gilman, Ulysses S. Grant and Harriet Jacobs. PREREQ: Three credits of literature or PERM/CHAIR.

E 377 AMERICAN RENAISSANCE (3-0-3)(F/S). A study in the second generation of the American literary experience when such leading writers as Hawthorne, Melville, Emerson, Thoreau, Poe and Whitman, acting under the varied impulses of Puritanism, Romanticism and idealism, created the first universal vision of human experience to appear in American literature. PREREQ: Three credits of literature or PERM/CHAIR.

E 378 AMERICAN REALISM (3-0-3)(F/S). American literature from the Civil War to World War I. Mark Twain, Stephen Crane, Henry James, W. D. Howells, Kate Chopin and fellow Realists wrote about the average person in the light of common day. Their works show how American writers were increasingly influenced by science, business and art. PREREQ: Three credits of literature or PERM/CHAIR.


E 384 LITERATURE OF THE AMERICAN WEST (3-0-3)(F/S). The literary merits of works by representative Western writers such as Wallace Stegner, Owen Wister, H.L. Mencken, John Steinbeck and Willi Collier. Also discussed are regional values and Western types such as the mountain man, the cowboy and the pioneer. PREREQ: Three credits of literature or PERM/CHAIR.

E 388 TWENTIETH-CENTURY BRITISH FICTION (3-0-3)(F/S). This course studies the varied literary movements in British fiction against the background of British historical and cultural change in the 20th century. Representative writers will include such names as Joseph Conrad, Ford Madox Ford, E.M. Forster, Virginia Woolf, James Joyce, D.H. Lawrence, Joyce Cary, Doris Lessing, William Golding, Fay Weldon, Wolfsoyinka, Peter Carey, Martin Amis, Jeanette Winterson, Anita Brookner and Margaret Forster. PREREQ: Three credits of literature or PERM/CHAIR.

E 387 TWENTIETH-CENTURY AMERICAN FICTION (3-0-3)(F/S). A comprehensive investigation of the form and modes of modern American thought and literary directions through a study of representative fiction of the 20th century. Readings will be selected from such American writers as Willa Cather, F. Scott Fitzgerald, Richard Wright, William Faulkner, Ernest Hemingway, Flannery O'Connor, Saul Bellow, Ishmael Reed, Leslie Marmon Silko and Paul Auster. PREREQ: Three credits of literature or PERM/CHAIR.

E 395 AMERICAN SHORT STORY (3-0-3)(F/S). A study of short stories by various writers from the early 1800s to the 1920s. PREREQ: Three credits of literature or PERM/CHAIR.

E 396 AMERICAN SHORT PROSE (3-0-3)(F). A study of such American writers as Ambrose Bierce, Thomas Wolfe, John Steinbeck, Flannery O'Connor, Paul Auster, Maxine Hong Kingston, John Updike, William Styron, Ishmael Reed, Leslie Marmon Silko and Paul Auster. PREREQ: Three credits of literature or PERM/CHAIR.

E 397 HISTORY OF LITERARY CRITICISM (3-0-3)(F). A survey of critical approaches to literature from Plato to the twentieth century. PREREQ: A literature survey or PERM/CHAIR.

E 398 ADVANCED NONFICTION WRITING (3-0-3)(F). Advanced practice in nonfiction genres and study of how writers read and learn from other writers. Experimentation with subjects, voice, organization and style. Students may take the course twice, for a total of 6 credits. PREREQ: E 201.

E 402 ADVANCED TECHNICAL COMMUNICATION (3-0-3)(F/S). An advanced study of technical communication for those students who are considering a career in the field. Assignments are related to each student's background and field of interest. Topics include in-depth work in technical style and the common kinds of documents produced in business and industry, including progress reports, completion reports, and manuals. PREREQ: E 202 or E 302 or PERM/INST.

E 403 TECHNICAL EDITING (3-0-3)(F). Explores the fundamentals of editing, enabling students to apply a variety of editing skills to technical materials for specific audiences. Focuses on the role of the editor in organizational settings, basic editorial activities, methods for analyzing, critiquing and revising manuscripts for different audiences and techniques for successful writer/editor dialogues. Includes techniques for verbally and visually polishing documents for publication and, if needed, a review of mechanical correctness. PREREQ: E 402 or PERM/INST.

E 405 DOCUMENT PRODUCTION (3-0-3)(F/S). Study and application of the principles of producing effective technical documents. Topics include the relationship between page layout and readability, techniques for combining textual and non-textual information and the use of word processing and technical graphics software. The course will be taught as a workshop and students will produce basic technical documents, such as brochures, data sheets, flyers, reports and manuals, on personal computers. PREREQ: E 403 or PERM/INST.

E 410 TWENTIETH-CENTURY AMERICAN NONFICTION (3-0-3)(F/S). American nonfiction prose from 1900 to present, including autobiography, biography, history, journalism, social and cultural criticism, science and nature writing. Typical authors include W.E.B. DuBois, H.L. Mencken, James Agee, Norman Mailer, Joan Didion, John Updike, Annie Dillard, Tom Wolfe, Truman Capote, Leslie Marmon Silko, Maxine Hong Kingston, Loren Eiseley and Wallace Stegner. PREREQ: Three credits of literature or PERM/CHAIR.
E 412-412G WOMEN WRITERS (3-0-3)(F/S). Literature by English speaking women, with special attention to cultural contexts, the themes and methods used by women writers and how women writers have created their own tradition. The course may focus on writings of a particular period. Alternate years. PREREQ: 3 credits of literature or PERM/CHAIR.

E 413 THE NEW LITERATURES IN ENGLISH (3-0-3)(F/S). An introduction to the important authors, themes, characteristics and developments in the newly emerging literatures written in English outside the traditions of Britain and the United States. Focus on contemporary writers from Africa, Australia, Canada, India, New Zealand, Pakistan and West Indies, with an introduction to the cultural and socio-political background of each country. PREREQ: Three credits of literature or PERM/CHAIR.

E 481 LITERATURE FOR USE IN JUNIOR AND SENIOR HIGH SCHOOLS (3-0-3)(F). A literary content course designed for prospective or experienced teachers of secondary school English. Primary emphasis is on critical reading of literature ordinarily used with adolescents in secondary schools. Secondary emphasis is on methods of critical analysis appropriate to secondary students. All genres will be discussed. Both classical and popular authors will be included. PREREQ: E 102, completion of two literature courses.

E 485 BRITISH AND AMERICAN POETRY: 1900-1945 (3-0-3)(F/S). A study of the radical changes that W.B. Yeats, T.S. Eliot, Ezra Pound, William Carlos Williams and others made in poetry's traditional aesthetic and thematic concerns, as seen in their work from the turn of the century through two world wars. PREREQ: Three credits literature or PERM/CHAIR. Offered alternately with E 486.

E 486 BRITISH AND AMERICAN POETRY: 1945-PRESENT (3-0-3)(F/S). A study of significant poets beginning or reaching the culmination of their careers in post-World War II England and America. Concerns include the influences on their writing of earlier poets, including the Modernists and the nature of the categories, such as those designated "Movement," "Confessional," and "Feminist," into which critics, scholars and their peers place these poets. PREREQ: Three credits literature or PERM/CHAIR. Offered alternately with E 485.

E 488-488G METHODS AND THEORIES OF LITERARY CRITICISM AND RHETORIC (3-0-3)(S). Analysis of major literary and rhetorical theories, their methods and their implications. PREREQ: 3 credits of upper division literature or PERM/CHAIR.

E 498 SENIOR SEMINAR (3-0-3)(S). Required of all senior English majors. PREREQ: Senior standing or PERM/CHAIR.

HUMANITIES

HU 207, 208 INTRODUCTION TO HUMANITIES (3-0-3)(Area I). The human intellectual and creative heritage as reflected in art, literature, philosophy and architecture. PREREQ: E 102 or PERM/CHAIR.

LI LINGUISTICS

LI 305 INTRODUCTION TO LANGUAGE STUDIES (3-0-3)(F/S). A general survey of contemporary language study as it is carried on in the fields of linguistics, anthropology and psychology, with emphasis on meaning, sounds, words and sentence formation in English. PREREQ: E 102 or PERM/CHAIR.

LI 306 MODERN ENGLISH GRAMMAR (3-0-3)(F/S). An approach to modern English grammar based on linguistic principles. The course will cover word formation and sentence structure, including transformational, structural and newly developing theories of grammar.

LI 307 APPLIED ENGLISH LINGUISTICS (3-0-3)(F/S). A survey of applied linguistics with emphasis on theories, concepts and methods relevant to the teaching of English. Topics include word meaning, language variation, language and context, oral and written discourse, writing systems, language analysis, dictionaries and grammars. Linguistic and language planning and problems in teaching English as a first and second language. Alternate years. PREREQ: LI 305.

LI 309 HISTORY OF THE ENGLISH LANGUAGE (3-0-3)(F/S). A study of the periods in the development of English; Indo-European and Germanic backgrounds; development of writing; internal and social forces of change; dialects of English. Concentrated work with written documents in English language history. PREREQ: LI 305 or PERM/CHAIR.

LI 406 PSYCHOLINGUISTICS (3-0-3)(F/S). The study of language in relation to mind and cognition. Topics include the relationship between language, thought and memory; language acquisition; language disorders; and the psychological processes involved in speaking, listening, reading, writing and spelling. PREREQ: LI 407-407G APPLIED LINGUISTICS IN TEACHING ENGLISH AS A SECOND LANGUAGE (3-0-3)(F/S). Designed to help teachers in the bilingual classroom or teachers of students of limited proficiency in speaking English to understand how to deal with the process of learning English. It will focus on identifying, defining and remedying the specific problems that confront learners of a second language. PREREQ: LI 305. Alternate years. Offered 1995/1996.

LI 411 (AN 411) LANGUAGE, CULTURE AND SOCIETY (3-0-3)(S). (Cross listed AN 411). The course provides an introduction to the nature of the relationships among language, culture and society. Major topics explored are: language and thought; conversational theory; the ethnography of communication; language change; language variation; speech communities; prigins and creoles; diglossia, code switching and mixing; solidarity and politeness. Several languages are examined in specific social and cultural contexts. LI 305 or a foreign language recommended. This course may be taken for LI or AN credit but not both. Offered alternate years.