125. Orientation to Engineering Careers
Winter, 2(2-0) Credits earned in this course are included in computation of GPA and MAFS but are not included in the 180 credits required for graduation. Engineering careers, history and philosophy of engineering profession, present and future challenges, industrial job functions, employment trends.

160. Engineering Communications
Fall, Winter, Spring, 4(3-4) MTH 108 or MTH 111 or concurrently. Written technical reports and oral technical presentations.

161. Mechanical Drawing
Fall, Winter, Spring, 2(1-3) Sketching and instrument drawing. Theory of orthographic projection: multiviews, pictorials, sections, dimensions. Pattern, assembly and production drawing.

162. Mechanical Drawing
Fall, Winter, Spring, 2(0-4) EGR 150 or EGR 161. Continuation of EGR 161 with emphasis on freehand lettering and sketching, advanced working drawings.

200. Technology, Society and Public Policy
Winter. 3(3-0) Twelve credits from natural science or engineering. Interdepartmental with the Department of Natural Science. Description and analysis of certain current technologies and their consequences; exploration of avenues for assessing such consequences as an aid to formulation of public policy.

201. Introduction to Engineering Mechanics
Winter. 4(4-0) PHY 237. Interdepartmental with and administered by the Department of Metallurgy, Mechanics and Materials Science. Laws of mechanics governing the behavior of rigid and deformable bodies emphasizing how these laws influence engineering design. Extensive use of demonstrations.

267. Architectural Drafting I
Fall, Winter, Spring, 3(1-4) Students may not receive credit in both EGR 267 and EGR 365. House construction detailing. Analysis and drawing of typical standard details.

270. Computer Graphics
Spring, 3(3-0) EGR 160 or EGR 161; CPS 110 or CPS 120; or approval of department. Use of computer controlled display systems for the solution of multidimensional problems.

300. Technology and Utilization of Energy
Winter, 3(3-0) Initial course in any sequence of courses in the Department of Natural Science. Interdepartmental with and administered by the Department of Mechanical Engineering. Problems of energy technology and its impact: energy sources, conversions, waste and environmental effects, future outlook for mankind.

344. Engineering Cooperative Education

364. Architectural Drafting II
Winter, 3(1-4) EGR 267 or approval of department. Functional and standard procedure in the layout of floor plans in traditional and modern houses. Rendered plot plan and required details.

365. House Planning
Fall, 3(1-4) Students may not receive credit in both EGR 267 and EGR 365. Elementary house architecture. Drawing plans from sketches, kitchen planning, house styles, elements of design, financing, heating, lighting.

366. Architectural Perspective Drawing
Fall, 3(0-6) Any engineering graphics course. Point-one and two-point perspective, revolved plan and measuring line methods. Pencil rendering problems in shade and shadows. House model to scale, optional.

390. Value Engineering
Fall, Winter, Spring, 4(4-0) MMM 280 or approval of department. The basis of value engineering is function, value, and a group of special techniques developed to aid in isolating and identifying problems created by our complex society and technology.

401. Engineering and Public Policy
Spring, 3(3-0) Seniors or approval of department. Interdepartmental with the Department of Natural Science. Sociotechnical assessment of impact of technology on society, with analysis of the role of engineering and natural science in contributing to public policy formulation.

410. Systems Methodology
Winter, 3(3-0) MTH 113, CPS 110 or CPS 120. Interdepartmental with and administered by Systems Science. The systems approach in multidisciplinary large scale problem solving. The development of useful systems analysis tools; systems design; feasibility study; computer simulation for feasibility evaluation.

411. Systems Project
Spring, 2(3-0) SYS 410. Interdepartmental with and administered by Systems Science. Completion of a system study initiated in SYS 410. The project may involve the design of hardware, simulation of a solution to an interdisciplinary problem, or development of a solution concept.

463. Architectural Drafting III
Spring, 3(1-4) EGR 364. Traditional and modern elevations. One- and two-point rendered perspective. Functional plans drawn in EGR 364 required.

469. Special Problems
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits. Approval of department.

ENGLISH

101. Responses Through Writing
Fall, 4(4-0) Arts and Letters Freshmen only. Students must enroll in and complete ENG 102 satisfactorily to make a substitution for the American Thought and Language requirement. A writing workshop that concentrates on the student's personal writing voice and on his responses to the things, people, and institutions central to his experience.

102. Writing and Composing
Winter, 5(5-0) ENG 101; Arts and Letters Freshmen only. A continuation of ENG 101 that develops the emphasis of ENG 101 and encourages students to write in more public and objective forms—narrative, critical analysis, and issue-oriented essays.
104. **Writing for Science Majors**  
Fall, 3(3-0)  Satisfactory grade in English proficiency exam or in Comprehensive English: College of Natural Science majors.  
Writing workshop for science students that develops and refines composition ability.  
Approved through Summer 1982.

105. **The Scientist as Writer**  
Winter, 3(3-0) ENG 104.  
Study of various types of writing by scientists—fiction, poetry, and autobiography as well as professional papers and books. Students will write frequently about the readings.  
Approved through Fall 1982.

106. **Introductory Scientific Writing**  
Spring, 3(3-0) ENG 105.  
Writing of popular essays, scientific papers and reports, and other papers related to science.  
Approved through Winter 1983.

126. **The Writer and Literature**  
Spring, 3(3-0) The first term of ATL 121 or above or ENG 101.  
Modern literature from the writer's perspective. Students also write their own critical and creative work, using journal method.

2001. **Honors Work**  
Fall, Winter, Spring. 1 to 16 credits.  
Approval of department.

201. **Nature of Language**  
Fall, Winter, Spring, 3(3-0)  
Various aspects of language-phonology and orthography; morphology, semantics and the lexicon; syntax; and dialects—with special reference to American English.

205. **Introduction to Shakespeare**  
Fall, Winter, Spring. 3(3-0) Not applicable to major or minor requirements.  
A study of selected plays illustrating the powers of England’s greatest writer.

206. **Forms of Literature: Fiction**  
Fall, Winter, Spring, 3(3-0) Open to Freshmen.  
Major forms of prose fiction, designed to reveal artistic problems met and solved by these forms. Prepares students for advanced literary study by acquainting them with the conventions of various literary forms, by providing a critical vocabulary and by furnishing experience in reading and writing critical evaluations of outstanding literary works from all historical periods.

207. **Forms of Literature: Drama**  
Fall, Winter, Spring, 3(3-0) Open to Freshmen.  
Major forms of drama, designed to reveal artistic problems met and solved by these forms.

208. **Forms of Literature: Poetry**  
Fall, Winter, Spring, 3(3-0) Open to Freshmen.  
Major forms of poetry, designed to reveal artistic problems met and solved by these forms.

210. **Introduction to the Study of Literature I**  
Fall, Winter. 4(4-0) English majors or prospective English majors.  
Exploration of the major forms of literature, the aims and process of literary study, the cultural and personal functions of literature, and the role of literary study in the University.

211. **Introduction to the Study of Literature II**  
Winter, Spring. 4(4-0) ENG 210.  
A continuation of ENG 210.

213. **Writing Workshop**  
Fall, Winter, Spring, 3(3-0)  
A writing workshop designed to help students improve their writing abilities. The course provides opportunities for students to write with different purposes in a variety of modes.

220. **English from Greek and Latin Roots**  
Fall, 3(3-0) Interdepartmental with and administered by Classical Languages.  
Prefixed, root, suffixes derived from Greek and Latin word elements used in formation of English words. Useful for improving vocabulary and spelling.

226. **Introduction to Creative Writing**  
Fall, Winter, Spring. 4(4-0)  
The first term of ATL 121 or above or ENG 101.  
Writing of fiction, drama, creative nonfiction, and poetry, with ample practice in several. Some reading of professional contemporary writing. Course organized as workshop, designed for beginning writers.

228A. **Fiction Writing**  
Fall, Winter, Spring, 4(4-0) Written approval of instructor.  
The writing of short fiction. Classes and individual conferences. Approval to enroll requires a conference with the instructor and will usually be based on the basis of manuscripts submitted to him.

228B. **Fiction Writing**  
Fall, Winter, Spring, 4(4-0) Written approval of instructor.  
The writing of fiction. Classes and individual conferences. Approval to enroll requires a conference with the instructor and will usually be based on the basis of manuscripts submitted to him.

229. **Poetry Writing**  
Fall, Winter, Spring, 4(4-0) Written approval of instructor.  
The writing of poetry. Classes and individual conferences. Approval to enroll requires a conference with the instructor and will usually be based on the basis of manuscripts submitted to him.

230. **Non-fictional Imaginative Prose Writing**  
Fall, Winter, Spring, 4(4-0) Written approval of instructor.  
The writing of biography, autobiography, and personal essays. Classes and individual conferences.

241. **Introduction to Popular Culture (A)**  
Fall, Winter, Spring. 3(3-0) Freshmen or Sophomores.  
Generic and thematic study of the arts and artifacts of popular culture with particular emphasis on writing about the popular culture of contemporary American society.

242. **Popular Literary Forms**  
Fall, Winter, Spring, 3(3-0)  
May enroll for a maximum of 6 credits. Freshmen or Sophomores.  
Study of a particular genre of popular literature (e.g., science fiction, western, gothic) through reading, discussion, and writing and with attention to the genre’s development in media other than print.

250. **Major Themes in English and American Literature**  
Fall, Winter, Spring, Summer. 3(3-0)  
May enroll for a maximum of 6 credits. A particular theme of significant works of English and American writers in a relevant social or cultural context. Reading, discussion and writing are essential activities.

302. **Introduction to English Language Studies**  
Fall, Winter, Spring, 4(4-0)  
The English language, including such topics as social and regional dialects, sounds, grammar, usage, psycholinguistics, and semantics. Attention is given to practical applications.

312. **Advanced Workshop in Expository Writing**  
Winter, Spring, 4(4-0) Completion of the ATL requirement or approval of department.  

313. **Scientific Writing**  
Winter, Spring. 3(3-0) Science students or students with considerable background in the natural sciences.  
Writing of papers, reports and essays.

327. **Playwriting**  
(200C) Winter, Spring, 4(4-0) May enroll in ENG 328 and/or ENG 359 for a maximum of 8 credits. Written approval of instructor.  
Basic elements of playwriting: dramatic action, exposition, plotting, characterization, dialogue, mood, and visual effects. Class work will also include discussion of plays.

328. **Advanced Fiction Writing**  
Fall, Winter, Spring, Summer. 4(4-0)  
May enroll in ENG 328 and/or ENG 359 for a maximum of 12 credits. ENG 329 and written approval of department.  
Advanced work in the writing of fiction. Classes and individual conferences. Approval to enroll requires a conference with the instructor and will usually be based on manuscripts submitted to the instructor.

329. **Advanced Poetry Writing**  
(200B) Fall, Winter, Spring, Summer. 4(4-0) May enroll in ENG 328 and/or ENG 359 for a maximum of 12 credits. ENG 329 and written approval of department.  
Advanced work in the writing of poetry. Classes and individual conferences. Approval to enroll requires a conference with the instructor and will usually be based on manuscripts submitted to the instructor.
### Description of Courses

#### 330. Composition for Secondary English Teachers

214. Fall, Winter, Spring. 4(3-4)
Sophomore English Education majors or written approval of department.

Writing practice in various modes such as personal narrative and description, the familiar essay, drama, poetry, and fiction. Exercises in creative dramatics. Discussion of the process of composing and the teaching of oral and written composition in junior and senior high schools. Will participate in field experience.

#### 331. Literature and the Adolescent

208; Fall, Winter, Spring. 4(3-4); ENG 308; Junior English education majors or written approval of department.

Extensive reading of literature appropriate for secondary school students. Discussion of formal literature programs in relation to student's reading needs. Methods of analyzing literature and establishing common and individualized reading programs. Will participate in field experience.

#### 332. English Field Experience Internship

300; Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 8 credits. ENG 330, ENG 351, or ENG 408A concurrently.

Intensive field experience in English. Interns will be placed in schools for work in middle, junior, and senior high school classrooms and learning centers in the Lansing area.

#### 340. Studies in Popular Culture

Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits. Majors: ENG 208; others: 6 credits of literature.

Popular cultures of the United States and England from the 19th Century to the present.

#### 342. Women and Literature

Fall, Winter, Spring. 3(3-0) Third term
ATL course numbered ATL 123 or above or ENG 102.

The feminine sensibility as revealed in literary themes and characterizations, through a study of poetry and fiction written by women authors.

#### 343. Regional American Literature

375. Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits if different topics are taken.

Representative works of a particular geographical region as expressions of its distinctive cultural, historical, and literary characteristics, e.g., in a given term, the Middle West, South, New England, or Far West.

#### 344. Jewish-American Literature (A)

377. Fall, 3(3-0)

The Jewish-American experience as reflected in fiction, drama, poetry, essay, autobiography, film.

#### 347. Literature and Film

Fall, Winter, Spring. 3(3-0); ENG 208 or ENG 211

Introduction to the relationship between film and literature through study of theme, style, and structure in selected film masterpieces from different periods and cultures.

#### 349. Afro-American Literature I

449. Fall, Winter, Summer. 4(4-0)

Majors: ENG 208; others: 6 credits of literature.

Creative thought of the black American illustrated by the participation of the black man in American culture from beginnings through Harlem Renaissance.

#### 350. Afro-American Literature II

450. Winter, Spring, Summer. 4(4-0)

Majors: ENG 208; others: 6 credits of literature.

Creative thought of the black American illustrated by the participation of the black man in American culture-post-World War II.

#### 351. English Literature I

Fall. 4(4-0)


#### 352. English Literature II

Winter. 4(4-0)

Major representative writers and literary forms of the specified period.

#### 353. English Literature III

Spring. 4(4-0)

Survey of English literature, Blake to Hardy. Major representative writers and literary forms of the specified period.

#### 360. World Literature in English

315. Fall, 3(3-0) Interdepartmental with the Department of Linguistics and Oriental and African Languages.

Representative works, not from England or the United States, which were written originally in English, especially the English literature of present or former British Commonwealth nations, and nations from the Middle East and Africa.

#### 361. World Literature in English Translation

316. Winter, 3(3-0) Interdepartmental with and administered by the Department of Linguistics and Oriental and African Languages.

Significant and characteristic works of the Orient, the Middle East, and Africa in English translation.

#### 362. Genres and Themes in World Literature

317. Spring, 3(3-0) Interdepartmental with the Department of Linguistics and Oriental and African Languages.

Work will center each term around a single literary genre, type or theme. Typical examples: The Quest, Literature of Revolt, Satire. Literary examples will be selected from several national literatures.

#### 363. African Literature in English

318. Winter, Spring, 3(3-0) HST 394 or HUM 295 or IDC 396 recommended.

Contemporary African literature written in English, including novels by Soyinka, Achebe, Ngugi, Armah, La Guma, and Ekwensi; plays and poetry by Clark, Hutchinson, Nkoson, Nishaw, Okora, Awonos, Okibgo, and others.

#### 364. Canadian Literature and Culture

376. Spring, 4(4-0) May reenroll for a maximum of 8 credits.

Canadian literature and culture in bicultural, historical and contemporary contexts.

#### 365. Classic Myths and Literature

345. Fall, Winter, Spring. Summer of even-numbered years. 3(3-0)

Greek myths that have been wrought into later poetry, fiction, drama, painting, sculpture, and music.

#### 366. Literary Interpretation of the Bible

346. Fall, Winter, Spring. 3(3-0)

Literary study of the Old and New Testaments, with emphasis upon the ideas and events which figure prominently in English and American literature.

#### 380. Masterpieces of American Literature

Fall, Winter, Spring, Summer. 3(3-0)

Not applicable to major or minor requirements.

#### 381. Masterpieces of English Literature

Fall, Winter, Spring, Summer. 3 credits.

Not applicable to major or minor requirements.

#### 382. Masterpieces of Contemporary Literature

Fall, Winter, Spring, Summer. 3(3-0)

Not applicable to major or minor requirements.

#### 399. Perspectives on Literature and English Language

Fall, Winter, Spring. 4(4-0)

May reenroll for a maximum of 12 credits if different topics are taken.

A rich variety of perspectives on literature and English language for majors and non-majors. Approach and content differs with each section.

#### 400. Tutorial

Fall, Winter, Spring. 1 to 5 credits.

May reenroll for a maximum of 10 credits. Majors: approval of department.

Reading, discussion, and writing under the guidance of a faculty member.

#### 400H. Honors Work

Fall, Winter, Spring. Variable credit.

Open to particularly able students. Consists of individually supervised study of a phase of literary history.

#### 402. Modern English Grammar

Winter, Spring. 4(4-0) ENG 302 or approval of department.

English morphology and syntax, incorporating insights from current linguistic theory and practice.

#### 403. The Development of Modern English

Winter. Summer of even-numbered years. 4(4-0)

Historical development of the language; native and foreign elements; changes in inflections, pronunciation, vocabulary, meaning.

#### 404. American English

Fall. 4(4-0)

Characteristic American dialects, standard and non-standard, with analysis of usage and explanations of origins and differences.

#### 406. Comparative Linguistics

Spring. 3(4-0) ENG 402, ENG 403; 2 college years of a foreign language or approval of department.

Techniques for the scientific comparison of related languages. The comparative method and the results of its application to the Indo-European languages.
407. Methods of Teaching English as a Second Language
  Fall, 4(4-0) ENG 302 or ENG 402 or approval of department.
  Survey and demonstration of theories, methods and
  techniques for teaching English, both here and
  abroad, to school age children and adults
  who are not native speakers of English.

408A. Problems in the Teaching of Reading
  Fall, Winter, Spring, 5(3-5) ENG 330 or ENG 331, ENG 302.
  Instruction and field experience in the teaching
  of reading for prospective English teachers.

408B. Problems in the Teaching of Reading
  Fall, Winter, Spring, 4(3-4) ENG 408A.
  Instruction and independent work on the teaching
  and learning of reading with strong emphasis
  on field experience.

409. Teaching Competencies in English
  Fall, Winter, Spring, Summer, 4(4-0)
  Majors: ENG 208; others: 6 credits of literature.
  Chaucer's poetry, especially 'The Canterbury
  Tales'. Read in Middle English.

410. Chaucer
  Fall, Winter, Spring, Summer, 4(4-0)
  Majors: ENG 208; others: 6 credits of literature.
  Chaucer's poetry, especially 'The Canterbury
  Tales'. Read in Middle English.

411. Spanier
  Winter, 4(4-0) Majors: ENG 208; others: 6 credits of literature.
  A representative selection of Spanier's poetry
  with special emphasis on 'The Faerie Queene'.

412. Milton
  Fall, Winter, Spring, Summer, 4(4-0)
  Majors: ENG 208; others: 6 credits of literature.
  Milton's prose and poetry, especially 'Paradise
  Lost'.

418. Scandinavian Contributions to Literary Tradition
  Winter, 3(3-0) Approval of department.
  Interdepartmental with the departments of
  German and Russian, and Romance and
  Classical Languages. Administered by the
  Department of German and Russian.
  Development and influence of the ideas, forms,
  and motifs of the Scandinavian literatures in the
  literatures of the world.

421. Shakespeare
  Fall, Winter, Spring, Summer, 4(4-0)
  Majors: ENG 308; others: 6 credits of literature.
  Study of the following representative plays:
  'Richard II', 'Richard III', 'Hamlet', 'Othello',
  'Julius Caesar', 'Romeo and Juliet', 'Twelfth
  Night', 'Winter's Tale', 'Midsummer-Night's
  Dream'.

422. Shakespeare
  Fall, Winter, Spring, Summer, 4(4-0)
  Majors: ENG 421.
  Advanced study of several representative plays
  exclusive of those taught in ENG 421.

424. Conference Course in Advanced Writing
  Fall, Winter, Spring, Summer, 4 credits.
  Written approval of department.
  Intended for the student ready to pursue an
  advanced project in writing. Individual
  conferences. Approval to enroll requires a conference
  with the instructor and will usually be on the
  basis of manuscripts submitted to him. Prior
  course work in writing will normally be expected.

425. Writing as a Profession
  Winter, Spring, 2(2-0) At least one creative
  writing course or approval of department.
  Discussion of many questions and problems
  experienced by students interested in professional
  writing. A variety of panels and lectures by people
  who know the field.

426A. Comparative Drama
  Fall, 3(3-0) Majors: ENG 208; others: 6 credits of literature.
  Studies in the development of drama: classical
  and medieval.

426B. Comparative Drama
  Winter, 3(3-0) Majors: ENG 208; others: 6 credits of literature.
  Studies in the development of drama: renaissance
  and seventeenth century.

426C. Comparative Drama
  Spring, 3(3-0) Majors: ENG 208; others: 6 credits of literature.
  Studies in the development of drama: neoclassical
  and romantic.

426D. Comparative Drama
  Fall, Spring, 3(3-0) Majors: ENG 208; others: 6 credits of literature.
  The development of drama: Ibsen to World War II.

426E. Comparative Drama
  Spring, Summer, 3(3-0) Majors: ENG 208; others: 6 credits of literature.
  The development of drama: World War II to the
  present.

436. Comparative Fiction
  Fall, Winter, Spring, 3(3-0) May enroll for a maximum of 9 credits.
  Majors: ENG 208; others: 6 credits of literature.
  Types of narrative and fiction in various literatures
  and periods. Specific course content varies
  each term.

439. British Poetry and Poetic Theory Since 1890
  Winter, Summer, 4(4-0) Majors: ENG 208; others: 6 credits of literature.
  Special emphasis on Hopkins, Hardy, Yeats,
  Auden and Thomas.

441. American Literature: Colonial and Revolutionary Period
  Fall, 4(4-0) Majors: ENG 208; others: 6 credits of literature.
  Works of Taylor, Edwards, Franklin, Franceau
  and others.
467. **Language and Culture**  
Fall, Spring. 4(4-0) Approval of department. Interdepartmental with and administered by the Department of Anthropology.  
A survey exploring the interconnectedness of language and culture. Special areas to be emphasized include: Child Language Learning, Linguistic and Cultural Contact Phenomena; ‘Specialized’ Languages, such as Cant, Argot, Trade Jargons, Lingua Franca; ‘Hybridization’ and ‘Substratum’; Language and Cultural Change; a brief examination of Theories of Origins and of the Sapir-Whorf Hypothesis.

468. **Nature of Myth**  
Winter. 3(3-0)  
Myth in some of its theoretical aspects, with special reference to the mythical character of literature.

470. **Victorian Essayists**  
Fall, Summer of even-numbered years. 4(4-0) Majors: ENG 208; others: 6 credits of literature.  
Selected readings from Carlyle, Newman, Arnold, Mill, Huxley and other essayists.

471. **Victorian Poets**  
Spring. 4(4-0) Majors: ENG 208; others: 6 credits of literature.  
Selected readings from Arnold, Browning, Tennyson and other poets.

474. **Oral Folklore**  
Spring. 4(4-0)  
The nature of folklore, its social functions, and its use in literature and drama.

477. **Comparative Epic**  
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits. Majors: ENG 208; others: 6 credits of literature.  

478. **Methods of Comparative Literature**  
Fall. 3(3-0) Two of the following: ENG 206, ENG 207, ENG 208.  
Rationale and techniques of study in comparative literature.

479. **Classical Christian Contributions to Literary Tradition**  
Spring, odd-numbered years. 3(3-0)  
Two of the following: ENG 206, ENG 207, ENG 208.  
Development and influence of the ideas, forms, and motifs of the ancient world and Christianity in literature of the world.

480. **Literary Criticism: Theory and Practice**  
Fall, Spring, Summer. 4(4-0) Senior majors.  
A survey of literary theory; critical and historical approaches to literature.

481. **Modern Critical Theory**  
Winter. 4(4-0) Senior majors.  
An examination of the principal modern theories of literary criticism.

482. **Practical Criticism**  
Spring. 4(4-0) ENG 480 or ENG 481.  
Literary criticism in response to a given work.

484. **Literature and Psychology**  
Spring. 4(4-0) Junior or approval of department. Interdepartmental with the Department of Psychology.  
An application of psychological theory to the study of literature and an exploration of the ways in which literature enriches the theory which helps to illuminate it.

485. **The English Novel Through the Eighteenth Century**  
Fall, Summer. 4(4-0) Majors: ENG 208; others: 6 credits of literature.  
Study of such writers as Richardson, Fielding, Smollett, Sterne, Austen, and others.

487. **The Modern English Novel**  
Spring, Summer. 4(4-0) Majors: ENG 208; others: 6 credits of literature.  
Study of such writers as Scott, Dickens, Tchaikery, Eliot, Hardy and others.

491H. **Studies in Period**  
Fall. 4(4-0) May reenroll for a maximum of 8 credits. To receive credit, both ENG 491H and ENG 492H must be completed satisfactorily. Six credits in English honors courses and approval of the departmental honors adviser.  
A two-term study of specific writers in relation to their age is provided by ENG 491H and ENG 492H.

492H. **Studies in Period**  
Winter. 4(4-0) May reenroll for a maximum of 8 credits. To receive credit, both ENG 491H and ENG 492H must be completed satisfactorily. Six credits in English honors courses and approval of the departmental honors adviser.  
Continuation of ENG 491H.

493H. **Studies in Genre**  
Winter. 4(4-0) May reenroll for a maximum of 8 credits. To receive credit, both ENG 493H and ENG 494H must be completed satisfactorily. Six credits in English honors courses and approval of the departmental honors adviser.  
A two-term study of the conventions and techniques of a specific literary genre.

494H. **Studies in Genre**  
Spring. 4(4-0) May reenroll for a maximum of 8 credits. To receive credit, both ENG 493H and ENG 494H must be completed satisfactorily. ENG 493H and approval of the departmental honors adviser.  
Continuation of ENG 493H.

496H. **Special Topics**  
Fall, Winter, Spring. 4(4-0) May reenroll for a maximum of 12 credits. Approval of the departmental honors adviser.  
Intensive study of some particular author, theme, problem or other critical topic.

497H. **Senior Honors Essay**  
Fall, Winter, Spring. 4 to 10 credits.  
May reenroll for a maximum of 10 credits. Approval of the departmental honors adviser.  
A substantial piece of writing under the direction of selected faculty.

498. **Topics in Comparative Literature**  
Fall, Winter. Spring. 3(3-0) or 4(4-0)  
May reenroll for a maximum of 12 credits if different topics are offered. Interdepartmental with the departments of German and Russian, and Romance and Classical Languages. Administered by the Department of Romance and Classical Languages.  
Varying topics on relationships among writers, themes, genres, movements and periods in different national literatures, and between literature and other arts.

499. **Senior Proseminar**  
Fall, Winter. Spring. 4(4-0)  
Senior English majors.  
Intensive work in an area, problem or author. Students will work closely with the instructor in the preparation and evaluation of substantial research or critical papers.

The content of courses on both the 800-level and the 900-level may change from term to term, making possible a wide variety of course offerings. Students may enroll in a course for more than one term or in more than one section of a course during the same term, provided that duplication of content does not result. Brochures giving detailed information concerning all graduate courses to be offered during a given year are available in the English office throughout that academic year.

Courses numbered 900 or above (with the exception of 930, 970, and 999) are doctoral seminars. Students desiring to enroll in these courses must obtain departmental approval at least before registration, but if possible before the pre-enrollment period.

500. **History of the English Language**  
Spring. 3 credits.

501. **Old English**  
Fall. 3 credits.  
Phonology and morphology of English before 1100.

502. **Beowulf**  
Winter. 3 credits.

503. **Old English Poetry**  
Spring. 3(3-0) ENG 802.  
Studies in Old English poetic literature: selections from the poetry of the Exeter Book or other works exclusive of ‘Beowulf’.

504. **Middle English**  
Winter. 3(3-0)  
Linguistic study of English writings, 1100-1400.

505. **Studies in Comparative Theatre and Drama**  
Fall, Winter, Spring. 3(3-0)  
May reenroll for a maximum of 12 credits. Approval of department. Interdepartmental and jointly administered with the Department of Theatre.  
Comparative study of selected playwrights, movements, trends and developments in world drama from the beginnings to the present day.

507. **Advanced Methods of Teaching English as a Second Language**  
Fall. 3(3-0) ENG 407.  
Advanced study of linguistic theory and application to classroom practice and methods of teaching English as a second language, specifically with regard to oral drill, reading, writing, testing, language and cultural heritage.
810. Medieval Literature  
Fall, Winter, Summer. 3(3-0)  
Chaucer and the literature of the fourteenth century.

811. Renaissance Literature  
Fall, Winter, Spring. 3(3-0)  
English nondramatic literature, 1500-1600.

815. Restoration and Eighteenth Century Literature  
Fall, Winter, Spring. 3(3-0)  
English literature, 1660-1798.

816. Nineteenth Century Literature  
Fall, Winter, Spring, Summer. 3(3-0)  
English literature, 1820-1900.

820. Colonial and Revolutionary American Literature  
Winter. 3(3-0)  
American literature, from the beginnings to 1820.

821. Nineteenth Century American Literature  
Fall, Winter, Spring, Summer. 3(3-0)  
American literature, 1820-1900.

824. Seventeenth Century Literature  
Winter, Spring. 3(3-0)  
English nondramatic literature, 1600-1660, including Milton.

825. Comparative Literature: Studies in Theme and Idea  
Fall. 3(3-0)  May reenroll for a maximum of 9 credits. Interdepartmental with the departments of Romance and Classical Languages, and German and Russian. Administered by the Department of Romance and Classical Languages.

Myths, archetypes, "Topi," significant ideas and intellectual currents in different periods and cultural traditions.

829. Twentieth Century Literature  
Fall, Winter, Spring. 3(3-0)  
American literature, 1900 to the present, with attention to foreign backgrounds.

833. Writing Workshop: Poetry  
Fall, Winter, Spring. 3(3-0)  May reenroll for a maximum of 6 credits. Approval of instructor.

Concentration on individual student's writing, through workshop discussion and conferences with instructor. Some attention to professional contemporary poetry.

835. Writing Workshop: Fiction  
Fall, Winter, Spring. 3(3-0)  May reenroll for a maximum of 6 credits. Approval of instructor.

Concentration on individual student's writing, through workshop discussion and conferences with instructor. Some attention to professional contemporary fiction.

837. Writing Workshop: Drama  
Fall. 3(3-0)  May reenroll for a maximum of 6 credits. Approval of instructor.

Concentration on individual student's writing, through workshop discussion and conferences with instructor. Some attention to professional contemporary drama.

840. Writing Workshop for Teachers  
Fall, Spring, Summer. 3(3-0) or 3(5-0)  
Major in English--Secondary School Teaching or approval of department.

Exploration of the writing process through composition activities and examination of techniques for teaching writing.

841. Topics in the Teaching of English  
Winter, Spring. 3 to 5 credits.

Selected topics and issues in the teaching of English and the language arts. Investigation of problems of special concern to the students, especially those directly related to teaching.

845. Approaches to Language  
Fall. 3(3-0)  Major in English--Secondary School Teaching or approval of department.

Modern linguistic approaches to language and their application to writing.

846. Approaches to Language  
Winter. 3(3-0)  Major in English--Secondary School Teaching or approval of department.

Continuation of ENG 845.

847. Reading and the English Teacher  
Spring. 3(3-0) or 3(5-0)  
Investigation of applied linguistics and psycholinguistics to the reading process with particular emphasis on the application to problems in the teaching of reading and literature.

849. English Teaching Workshop  
Fall, Winter, Spring. 2 to 5 credits.

Workshop in the development of teaching materials and resources in English. Investigation of sources and bibliographies. Emphasis on seeking practical solutions to particular problems in the teaching of English.

855. Shakespeare  
Fall, Spring. 3(3-0)  
Intensive study of selected plays.

856. Comparative Literature: Literature and Other Disciplines  
Winter. 3(3-0)  May reenroll for a maximum of 9 credits. Interdepartmental with the departments of Romance and Classical Languages, and German and Russian. Administered by the Department of Romance and Classical Languages.

Relations between literature and the sciences and other arts: social, historical, psychological, philosophical bases of literary study.

862. Approaches to Literature  
Winter, Summer. 3(4-0)  Major in English--Secondary School Teaching or approval of department.

Literary and reading resources; discussion of critical approaches to and techniques for teaching literature.

871. Methods of Literary Research  
Fall, Spring, Summer. 3(3-0)  
Bibliography and use of library: preparation of reports, reviews, and scholarly papers.

872. Methods of Research into Literacy  
Fall, Winter, Spring. 3(3-0)  Graduate students.

Concepts and procedures of research for investigating the teaching and learning of English language and literature. Examination of representative studies and techniques for evaluating, designing, and conducting applied research.

878. Comparative Literature: Methods in the Study of Comparative Literature  
Fall. 3(3-0)  Interdepartmental with the departments of German and Russian and Romance and Classical Languages.

Rationale and techniques of study in comparative literature.

879. Myth, Ritual and Folklore in Literature  
Fall. 3(3-0)  
The concepts, scholarship, and methods of study and research in mythology, ritual, and folklore, with special attention to their use in literature and drama.

880. Proseminar for Master's Degree Candidates  
Fall, Winter, Spring, Summer. 3(3-0)  Individual scholarly work under guidance.

885. Studies in the History of Literary Criticism  
Fall, Winter, Spring. 3(3-0)  
The history of literary criticism.

886. Studies in Modern Criticism  
Fall, Winter, Spring, Summer. 3(3-0)  ENG 885.

Continuation of ENG 885.

895A. College Teaching of English Language and Literature: History and Issues  
Fall. 3(3-0) Approval of department.

Literature, literary criticism, writing, and reading in the English language as academic subjects.

895B. College Teaching of English Language and Literature: Reading  
Winter. 3(3-0) Approval of department.

Integration of the teaching of writing and reading in English with stress on relevant research in reading in such areas as: linguistics, applied linguistics, psycholinguistics, language acquisition.

895C. College Teaching of English Language and Literature: Writing  
Spring. 3(3-0) Approval of department.

Integration of the teaching of writing and reading in English with stress on relevant research in writing and composition such as: linguistics, applied linguistics, psycholinguistics, and language acquisition.

896. Practicum in English Language and Literature  
Fall, Winter, Spring. 2 to 6 credits. Approval of department.

Supervised graduate practicums, observations, internships in the teaching of English language and literature.
902. **Comparative Literature: Studies in Form and Genre**
Winter, Spring, 3(3-0) Interdepartmental with the departments of German and Russian, and Romance and Classical Languages.
Development and interrelationships of individual and collective forms and genres of literature of the Western world, including the drama, tragedy, the novel, the short story, the theory and forms of poetry, popular literature, and the tale.

903. **Comparative Literature: Studies in Periodization**
Fall, Winter, Spring, 3(3-0) Interdepartmental with the departments of German and Russian, and Romance and Classical Languages.
Analyses of the manner in which various genres, conventions, and continuing traditions of literature interact with the creative and critical climate of particular periods and movements, such as classicism, the Middle Ages, the baroque, and romanticism, through qualifying or modifying characteristic literary works.

904. **Studies in Influence**
Fall, Winter, Spring, 3(3-0)
Mutual influences of the English, Romance and Germanic literatures in general and in terms of specific authors and literary kinds, together with studies of the intermediaries of transmission, translations and sources.

930. **Studies in English Drama**
Fall of even-numbered years, Winter and Spring of odd-numbered years, 3(3-0)
Liturgical beginnings to 1642.

940. **Studies in Shakespeare**
Winter of odd-numbered years, 3(3-0)
To receive credit, both ENG 940 and ENG 941 must be completed satisfactorily.

941. **Studies in Shakespeare**
Spring of odd-numbered years, 3(3-0)
To receive credit, both ENG 940 and ENG 941 must be completed satisfactorily.

970. **Graduate Reading Course**
Fall, Winter, Spring, Summer. 1 to 6 credits. Approval of department.
Supervised reading course in English and American literature for Ph.D. candidates.

975. **The Reading Process and the Concept of Literacy**
Spring, 3(3-0) Approval of department.
The contributions of language and literary studies to our understanding of the reading process and our definitions of literacy.

999. **Doctoral Dissertation Research**
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

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**ENTOMOLOGY**

**ENT**

**College of Agriculture and Natural Resources**

**College of Natural Science**

250. **Pesticides, Their Alternatives and Environmental Quality (N)**
Winter, 3(4-0)
Impact of agricultural pesticides on man and his environment. Emphasizes the effect of chemicals on food production and combating diseases and ecological imbalance. Presents pesticide alternatives for the future.

301. **General Entomology**
Fall, Spring, 3(3-0) BS 211 and BS 212 recommended.