

EE 480 ARTIFICIAL INTELLIGENCE (3)

A survey of techniques that simulate human intelligence. Topics may include: pattern recognition, general problem solving, adversarial game-tree search, decision-making, expert systems, neural networks, fuzzy logic, and genetic algorithms. Prerequisite: EE 314 or consent of Instructor.

EE 485 SELECTED TOPICS IN ENGINEERING SCIENCE (1-3)

A course on a single topic or set of related topics not ordinarily covered in the Engineering Science curriculum. The course may be repeated for credit as topics vary. Prerequisite: consent of instructor.

EE 486 SELECTED LABORATORY TOPICS IN ELECTRICAL ENGINEERING (1)

Laboratory, 3 hours. A laboratory-based course on a single or set of related topics not ordinarily covered in the engineering science curriculum. Topics include LabVIEW, FPGA, and RF Instruments. The course may be repeated for credit as topics vary. Prerequisite: Upper-division standing and consent of instructor.

EE 492 SENIOR DESIGN PROJECT PLANNING (1)

Senior Design Project Planning calls on the professional skills of the discipline; it draws on the core disciplines of the students' major field of study, as well as exploring necessary topics such as scheduling, organization, budgeting, prototyping, develop teamwork, customer liaison skills, employ creativity in proposing new solutions, and so forth. Hence, by the end of the capstone process students are expected to have a good understanding about various design phases, including analysis phase, a design phase, a validation phase and a production phase. Prerequisite: EE 310 and 330 and Senior standing, or consent of the instructor.

EE 493 SENIOR DESIGN PROJECT (3)

This is a capstone course. A major project designed to bring the knowledge gained from various courses together to analyze, design, and implement an electronic and/or communications system in an efficient and economic manner. Prerequisite: EE 492 and Consent of the instructor.

EE 497 ENGINEERING SCIENCE COLLOQUIUM (1)

Lecture, 1 hour. Series of lectures on topics of interest in the relevant fields of engineering. A maximum of 1 unit can be applied to the ES major. The students may not miss more than two presentations. A brief summary of each presentation must be submitted after the presentation. The course grade is decided on evaluation of these reports. Cr/NC only. Prerequisite: Consent of the instructor only. Permission required.

EE 498 ENGINEERING PRACTICUM (1-4)

Under the faculty instructor's supervision, engineering juniors and seniors take this service learning training to further their practical engineering experience. A specific assignment is given by the instructor to each student for assisting the class to learn either in class or labs. Regular meetings with the instructor necessary keep track of progress of the assignment and evaluate the student's learning. The course is CR/NC only. Pre-requisite: junior or senior standing. Consent of instructor required.

English (ENGL)

ENGL 099T BASIC COMPOSITION-TUTORING (1)

Individual and group tutoring in English composition. Tutoring units are assigned on basis of English Placement Test scores and are taken in conjunction with other writing courses. May be repeated. Cr/NC only. Not applicable toward graduation.

ENGL 100A FIRST-YEAR COMPOSITION (3)

Study and practice in the expression of facts and ideas and principles of investigation, of organization, and of effective writing style, with emphasis upon expository writing and upon developing analytical reading ability. Students must successfully complete both English 100A and English 100B; English 100B may not be taken alone. Satisfies GE Area A2 (Fundamentals of Communication). Grade only. Three units each semester. English 100A is a prerequisite for English 100B.

ENGL 100B FIRST-YEAR COMPOSITION (3)

Study and practice in the expression of facts and ideas and principles of investigation, of organization, and of effective writing style, with emphasis upon expository writing and upon developing analytical reading ability. Students must successfully complete both English 100A and English 100B; English 100B may not be taken alone. Satisfies GE Area A2 (Fundamentals of Communication). Grade only. Three units each semester. English 100A is a prerequisite for English 100B. C- or better required in the second semester for A2 credit.

ENGL 101 EXPOSITORY WRITING AND ANALYTICAL READING (4)

Study and practice in the expression of facts and ideas and principles of investigation, of organization, and of effective writing style, with emphasis upon expository writing and upon developing analytical reading ability. Practice in the oral analysis and expression of ideas. Individual sections may be designated as Freshman Interest Group (FIG) courses and course material linked with companion FIG courses in other departments. Satisfies GE Area A2 (Fundamentals of Communication). C- or better required A2 credit.

ENGL 160A HUMANITIES LEARNING COMMUNITY (4)

ENGL 160 A/B is a year long course, which features weekly lectures and small seminars. It constitutes a Humanities Learning Community (HLC) for any first-year student. The learning objectives of the HLC will satisfy A3 (Critical Thinking) and C3 (Comparative Perspectives and/or Foreign Languages) GE Areas. C- or better required in the second semester for A3 credit.

ENGL 160B HUMANITIES LEARNING COMMUNITY (4)

ENGL 160 A/B is a year long course, which features weekly lectures and small seminars. It constitutes a Humanities Learning Community (HLC) for any first-year student. The learning objectives of the HLC will satisfy A3 (Critical Thinking) and C3 (Comparative Perspectives and/or Foreign Languages) GE Areas. C- or better required in the second semester for A3 credit.

ENGL 199 STUDENT-INSTRUCTED COURSE (1-3)

A course taught by graduate students under the supervision of a department faculty member. The course content will not be one covered by the regular course offerings.

ENGL 200 CALIFORNIA CULTURAL ANALYSIS (3)

Within the context of readings related to California history and culture and their role in shaping contemporary California life, students practice the techniques of expository writing, oral expression, and reading and thinking critically. Satisfies GE Area A1. Prerequisites: completion of GE Areas A2 and A3.

ENGL 201 LITERARY ANALYSIS: SEMINAR (4)

The art of critical writing on each genre, and the application of traditional and modern criticism to the study of literature.

ENGL 203 INTRODUCTION TO LINGUISTIC STUDIES (4)

The nature and structure of natural language; language variation; child first and second language acquisition; the role and function of language in the context of personal and group interactions and identities; language and other communication systems in culture and society; how language changes; introduction to techniques used in the scientific study of language. Satisfies GE Area D1 (Individual and Society).

ENGL 207 INTRODUCTION TO CREATIVE WRITING (4)

An introduction to a variety of forms of creative writing, poetry and prose poems, the personal essay, vignettes, short stories, drama, and experimental fiction. Students will explore each form with in-class exercises and discussion. Satisfies GE Area C1 (Fine Arts, Theatre, Dance, Music, and Film).

ENGL 214 LITERATURE OF THE WORLD (4)

An introduction to the study of literature. Literature drawn from a worldwide range of cultures and historical periods will provide the basis for oral discussion and written analysis. The course promotes global awareness or cross-cultural perspectives while developing basic analytical skills necessary for appreciating literary texts in diverse contexts and traditions. Emphasis will be placed on written analysis of literary form and meaning. Satisfies GE Area C2 (World Literature).

ENGL 215 INTRODUCTION TO CALIFORNIA LITERATURE (3)

A survey of California literature. Works will be drawn from a range of California ethnic and cultural traditions. Emphasis will be placed on written analysis of literary form and meaning. Satisfies GE Area C2 (World Literature). Prerequisite: ENGL 101.

ENGL 235 EARLY BRITISH & AMERICAN LITERATURE (4)

Study of literary history and significant works in the British and American traditions from the Anglo Saxon through the end of the 18th century.

ENGL 236 LATER BRITISH & AMERICAN LIT. (4)

Study of literary history and significant works in the British and American traditions in the 19th and 20th centuries.

ENGL 237 SURVEY: EARLY AMERICAN LITERATURE (4)

Survey of American Literature from the 17th century through the middle decades of the 19th century, concluding with a study of Whitman and Dickinson. In addition to major authors, major themes of the periods will be explored, including a story of Puritanism, transcendentalism, and American romanticism.

ENGL 238 SURVEY: LATER AMERICAN LITERATURE (4)

Begins with Whitman and covers most major writers of the late 19th century and of the 20th century. Dickinson, Twain, H. James, Faulkner, Eliot, Kate Chopin, Baldwin. Realism, naturalism, and modernism.

ENGL 239 SURVEY: EARLY BRITISH LITERATURE (4)

Survey of British Literature from the Anglo-Saxon period to the end of the 18th century. Focus is on major authors in their cultural context.

ENGL 240 SURVEY: LATER BRITISH LITERATURE (4)

Survey of British literature from the late 18th century to the present. Focus is on major authors in their cultural context.

ENGL 273 CRITICAL AND CREATIVE READINGS OF LITERARY TEXTS (4)

This course investigates the literary expressions of a particular era or theme. Through critical reading and research, students will develop the skills of synthesis, analysis, and creative representation of ideas. Satisfies GE Area C2. Only one course numbered 273 in the Arts & Humanities will be considered for credit. Prerequisite: completion of GE Category A2 (Engl 101 or ENGL 100B) required.

ENGL 275 COMPOSITION WORKSHOP (1-4)

Intensive study and preparation in-class and timed writing situations such as the WEPT and/or practical writing situations (i.e. Community Service Writing). Topics of special study may include rhetorical strategies for argumentation and expository writing in various situations, grammatical review, and techniques for revising, editing, and proofreading. May be offered as a stand-alone class, or in conjunction with other courses. Enrollment in linked sections will be limited to students in linked courses.

ENGL 280 INTRODUCTION TO CALIFORNIA CULTURAL STUDIES (3)

Introduction to California culture studies and its multi-ethnic, interdisciplinary and multi-disciplinary perspectives, tasks, and methods. Includes the study of California regionalisms and a range of topics from geology, philosophy, and art. Fieldwork and field trips to sites of historical and cultural interest required. Fulfills GE Area C3.

ENGL 292 LIBRARY AND INFORMATION RESEARCH: HUMANITIES (4)

An introduction to the use of Humanities resources in the Schulz Library. Students learn how to satisfy information needs, how to construct search strategies, how to find and retrieve information, and how to critically evaluate information sources. Includes lectures, demonstrations, and online research practice. Electronic and print sources are covered.

ENGL 295 COMMUNITY INVOLVEMENT PROGRAM (1-4)

CIP involves students in basic community problems, performing such tasks as tutoring and reading for the blind. Students receive 1 to 4 units, depending on the specific tasks performed. A total of 6 units of CIP credit may be applied toward a degree.

ENGL 302 SPECIAL TOPICS AND THEMES IN CALIFORNIA CULTURAL STUDIES (4)

Courses include: California and the Environmental Imagination; Representing LA; Mural Art and California Politics; California Lives, San Francisco Culture; California in the Fifties; The Jack London Circle; California Immigration Experience; California and the West; and Race, Ethnicity, and Culture in California.

ENGL 303 SPECIAL STUDIES IN COMPOSITION (2-4)

Expository writing, with a specific emphasis that varies from semester to semester; reports, grants, proposals, technical writing, and general business writing. Please see Schedule of Classes for current title. This course is repeatable for credit.

ENGL 304 WAR AND PEACE LECTURE SERIES (4)

Students attend the public War and Peace Lecture Series and meet in discussion groups weekly to address a broad range of issues relating to the problem of war and prospects for peace. Lecturers represent diverse disciplines - e.g., economics, physics, peace studies, political science, sociology ~ and institutions. Discussion sessions synthesize material presented in lectures and outside readings and elicit students' personal responses to the issues raised. Reading and writing assignments required. Satisfies GE, category C2 (Literatures, Philosophies and Values). Prerequisite: Upper-Division standing.

ENGL 307 INTRODUCTION TO FICTION WRITING (4)

A writing workshop which focuses on crafting the short story. This course is repeatable for credit.

ENGL 313 CLASSICAL LITERATURE AND MYTH (4)

Study of major works of the ancient world in cultural context. Consult Schedule of Classes for current listing.

ENGL 314 MODERN WORLD LITERATURE IN ENGLISH (4)

Explorations and analysis of modern world literature in translation as well as works written originally in English. The course may offer a survey of world literature or provide a more in-depth study of one or more non-Western traditions in a global context (check course schedule for particular topics). Satisfies GE Area C2 (World Literature).

ENGL 315 CALIFORNIA ETHNIC LITERATURE (4)

An introduction to representative California writers from 1900 to the present. Includes an examination of the theoretical, regional, multicultural, and multiethnic foundations of California literature. This course focuses upon both inter-ethnic and intra-ethnic literary relationships. Satisfies GE Area C2 (World Literature). Satisfies the Ethnic Studies requirement. Prerequisite: completion of ENGL 101.

ENGL 315L CURRICULUM LABORATORY (1)

Workshop in curriculum development for Teachers Preparation Candidates only. Concurrent enrollment in ENGL 315 is required.

ENGL 318 INTRODUCTION TO POETRY WRITING (4)

This course is designed for the beginning student in poetry writing. Through creative exercises and the reading of contemporary poetry, we'll focus on the basic elements of writing poetry: individual voice, image, line, language, form, sound, and process. While there will be reading and much discussion of the reading, the central focus will remain on student work. May be repeated for credit.

ENGL 339 INTRODUCTION TO SHAKESPEARE (3-4)

An introductory course in Shakespeare that centers around explication, discussion, and criticism of the major plays in the canon. Available to majors and non-majors. Fulfills Shakespeare requirement for English majors.

ENGL 341 EXPLORATIONS IN LANGUAGE (4)

This course introduces a series of linguistic topics that meet the content requirements of the English waiver program for future teachers. Topics include history of the English language, semantics, language and/or literacy acquisition, or classroom discourse analysis. See Schedule of Classes for current offering.

ENGL 342 CHILDREN'S LITERATURE (4)

A study of children's books, with emphasis on both traditional and modern materials. Consideration of children's reading interests and criteria for selection of books.

ENGL 343 YOUTH AND LITERATURE (4)

A survey course focusing on the genre of young adult fiction and non-fiction, with emphasis on its use in the teaching of secondary school English.

ENGL 345 WOMEN WRITERS (4)

A survey that, with a varying focus from semester to semester, considers women writers in a number of different periods, countries, and genres. This course emphasizes the comparative analysis of gender and literary practice, including, for example, intersections with ethnicity, sexuality, and social class. Suitable for non-majors. May be repeated for credit. Satisfies GE Area C2 (World Literature).

ENGL 349 EXPLORATIONS IN LITERATURE (3-4)

A course in literary explorations that will include subjects not normally offered in the regular curriculum. Please see Schedule of Classes for current titles. May be repeated for credit.

ENGL 350 SURVEY IN A DISTINCT ETHNIC TRADITION (4)

Survey of literature in a distinct tradition of ethnic/cultural literature. Study of the literary & cultural history of movements, authors and topics in a distinct tradition (for example, African-American Literature, Chicano/Chicana literature). Topics will vary from semester to semester. May be repeated for credit under new topics. Satisfies junior survey requirement for Creative Writing and Literature concentrations. Prerequisite: ENGL101 or 100B.

ENGL 352 PERSONAL ESSAY (4)

Intended for the general student who wishes to practice expository writing. Provides students with an opportunity to explore personal experience through writing and to examine elements of prose style in an informal, workshop atmosphere. May be repeated for credit. Prerequisites: upper-division standing and completion of the WEPT requirement, or consent of instructor.

ENGL 367 INTRODUCTION TO SHORT STORY (4)

An introductory course on the study of the short story as a genre. This course will survey the development of the short story over time. Specific offerings of this course may focus on particular traditions within the history of the short story.

ENGL 368 SMALL PRESS EDITING: ZAUM (4)

This course offers experience in editing and publishing a student literary journal as well as working on a national literary journal. Activities include editing, layout and graphics, marketing, and distribution. May be repeated for credit.

ENGL 369 INTRODUCTION TO POETRY (4)

An introductory course on the study of poetry as a genre. This course will survey the development of poetry over time. Specific offerings of this course may focus on particular traditions within the history of poetry.

ENGL 371 INTRODUCTION TO THE NOVEL (4)

An introductory course on the study of the novel as a genre. This course will survey the development of the novel over time. Specific offerings of this course may focus on particular traditions within the history of the novel.

ENGL 373 INTRODUCTION TO DRAMA (4)

An introductory course on the study of drama as a genre. This course will survey the development of drama over time. Specific offerings of this course may focus on particular traditions within the history of drama.

ENGL 375 ADVANCED COMPOSITION (4)

An advanced writing course, emphasizing organization of essays, style, usage, rhetorical techniques, and rewriting and editing. Course includes discussion of effective prose, review of students' work, and individual consultations. Prerequisite: ENGL 101. Completion of ENGL 375 with a grade of C or better satisfies the University WEPT requirement. ENGL 375 does not count towards Creative Writing concentration units.

ENGL 377 TOPICS IN FILM STUDIES (1-4)

This course investigates major topics in film studies. Subjects vary and may include: the intersection of text and visuality, studies of authors/directors, script analysis, genres, historical movements and themes, and critical and theoretical approaches. The course may be repeated for credit up to a maximum of 6 units. This class may be offered as a stand-alone or in conjunction with other courses. Enrollment in linked sections will be limited to students in linked courses.

ENGL 379 STRUCTURE OF ENGLISH: PEDAGOGICAL GRAMMAR (4)

This course is designed to develop an understanding of basic principles of linguistic analysis as well as the forms and functions of English grammar and sentence structure. Applications to classroom practices are also explored.

ENGL 385 JUNIOR SEMINAR (4)

Seminar leading students in focused and writing-intensive study of particular periods, authors, genre or topics. Course topics address various explorations in literature, such as genre study, film and literature, sub topics within larger periods of study, and special topics. Emphasis is on developing students writing and research skills around a particular topic. Prerequisite: ENGL101 or 100B. Recommended: ENGL 201.

ENGL 395 COMMUNITY INVOLVEMENT PROGRAM (1-4)

CIP involves students in basic community problems, performing such tasks as tutoring and reading for the blind. Students receive 1 to 4 units, depending on the specific tasks performed. May be repeated for a total of 6 units toward a degree.

ENGL 399 STUDENT-INSTRUCTED COURSE (1-4)

A course taught by graduate students under the supervision of a department faculty member. The course content will not be one covered by the regular course offerings.

ENGL 400 ENGLISH LECTURE SERIES (1-4)

A public lecture series on topics of general interest. Two units require regular attendance and a final paper. Students who take three units additionally meet once a week in discussion groups and do further reading on selected topics.

ENGL 401 INTRODUCTION TO MODERN CRITICAL THEORY (4)

An introduction to a range of critical theories and practices related to modern literary criticism. The course aims to introduce students to the contemporary forms of critical theory and their antecedents, and to show their effects upon reading practices. This course may be repeated for credit. Pre-requisite: ENGL 201

ENGL 402 INTRODUCTION TO DIGITAL HUMANITIES (4)

Introduction to the theory and practice of the digital humanities. Course includes instruction in a variety of digital applications suitable for text analysis, data visualization, web design, and digital exhibits. Specific course topics may vary from semester to semester. Prerequisites: English 101 or 100B and English 201.

ENGL 403 CONTEMPORARY WORLD LITERATURE: FORM AND PRACTICE (4)

Introduction to contemporary writers' aesthetic strategies. The course will explore questions of style and craft from the inside out. Discussions will introduce students to writers' specific choices, and through writing exercises they will learn to imitate and apply them in their own, original writing. Prerequisites: English 101 or 100B and English 201.

ENGL 407 ADVANCED FICTION WRITING (1-4)

An advanced-level fiction writing workshop. May be repeated once for credit.

ENGL 409 MASTER CLASS-FICTION WRITING (4)

Fiction writing workshop with a published writer. Enrollment limited to 15. Prerequisite: previous enrollment or consent of instructor.

ENGL 418 ADVANCED POETRY WRITING (4)

This course is designed for the more advanced student in poetry writing. It is recommended that the student have prior instruction or approval by the instructor. While the focus is on student writing, students can also expect to obtain a strong sense of American poetics over the last 50 years. This course is repeatable for credit.

ENGL 430 CREATIVE WRITING: SELECT GENRES (1-4)

A workshop in the writing of a selected genre such as: memoir, autobiography, screenplay, stage play, novel, etc. May be repeated for credit.

ENGL 435 DIRECTED WRITING (2-8)

Individualized instruction in poetry, fiction, or creative non-fiction writing, one-on-one with a published writer. Prerequisite: consent of the instructor. No more than eight units of ENGL 435 may be counted toward the English major. May be repeated for credit.

ENGL 436 STUDIES IN POSTCOLONIAL LITERATURE (4)

Study of contemporary Anglophone and translated literary works with emphasis on transnational contexts and encounters between the First and Third Worlds. May be repeated once for credit.

ENGL 439 STUDIES IN SHAKESPEARE (4)

An advanced course in Shakespeare that focuses on the plays in the sub-genres through the context of history, sources, criticism, and theatrical reception. Fulfills Shakespeare requirement for English majors.

ENGL 447 STUDIES IN COMPARATIVE LITERATURE (3-4)

The study of literary themes and movements. Includes the various literatures that relate to a particular topic, such as decadence and symbolism, and modern European literature. Please see Schedule of Classes for current offering. May be repeated for credit. Normally offered through Special Sessions in Extended Education.

ENGL 448 PERIODS IN BRITISH LITERATURE (4)

Study of British authors in their historical periods, including Middle English, Renaissance, 17th century, Restoration and 18th century, Romantic, Victorian, and 20th century. Please see Schedule of Classes for current offering. May be repeated for credit under different subtitles.

ENGL 450 PERIODS IN AMERICAN LITERATURE (4)

Selections from the 17th through the 20th century, inclusive of contemporary American literature, will comprise the Period offerings. Please see Schedule of Classes for current offering. May be repeated for credit.

ENGL 451 FEMINIST PERSPECTIVES IN LITERATURE (4)

Feminist Perspectives is an advanced course in reading, writing, and research that will engage feminist perspectives in literature. This course is interdisciplinary in approach and is conducted in a seminar format. May be repeated once for credit. Course is cross-listed with WGS 451

ENGL 460 TEACHING ASSISTANT IN ENGLISH (1-4)

Provides students experience in assisting an instructor in an English course by doing course-related research and tutoring. Prerequisite: consent of the instructor. May be repeated for credit. No more than eight units of ENGL 460 may be counted toward the English major.

ENGL 462 RESEARCH ASSISTANT IN ENGLISH (1-4)

Provides selected students the opportunity to participate in the construction and execution of a faculty research project. Prerequisite: faculty invitation.

ENGL 470 STUDIES IN POETRY (4)

Themes, modes, and techniques of poetry: modern British, 20th century American, etc. Please see Schedule of Classes for current offering. May be repeated for credit.

ENGL 472 STUDIES IN THE NOVEL (4)

In-depth studies of a particular kind of novel: English, 20th century American, political (offered jointly with the department of political science), war novel, etc. Please see Schedule of Classes for current offering. May be repeated for credit with a different topic.

ENGL 474 STUDIES IN DRAMA (4)

Study of representative plays of a particular period: Medieval, Renaissance, Neoclassic, 19th century, or Modern. Please see Schedule of Classes for current offering. May be repeated for credit with a different topic.

ENGL 475 MASTER CLASS IN NONFICTION (4)

An advanced workshop in creative nonfiction, focused on the writing of publishable essays and the art of the book proposal. Prerequisite: ENGL 375, 352, 430 (Creative Nonfiction), or consent of instructor. May be repeated once for credit.

ENGL 480 STUDIES IN CALIFORNIA LITERATURE (4)

Study of a topic unique to California literature (e.g. Beats, LA/SF detective fiction, California immigrant and autobiographical literature). Emphasis on the historical, cultural, and regional character of the selected writings. Please see Schedule of Classes for the topic studied. Fulfills the core requirement of the California Cultural Studies special major. May be repeated once for credit.

ENGL 481 STUDIES IN BRITISH LITERATURE (4)

Studies of topics in British as well as related literatures including colonial, post-colonial, and Anglophone literatures. Please see Schedule of Classes for current offering. May be repeated for credit under different subtitles.

ENGL 482 STUDIES IN AMERICAN LITERATURE (4)

Close study of topics unique to American literature (e.g., transcendentalism, Western American literature). Please see Schedule of Classes for current offering. May be repeated for credit under different topic.

ENGL 483 INDIVIDUAL AUTHORS: AMERICAN (4)

One or more authors will be selected for study in depth. Please see Schedule of Classes for the author(s) to be studied. May be repeated for credit under different topics.

ENGL 484 INDIVIDUAL AUTHORS: ENGLISH (4)

Each semester one or more authors will be selected for study in depth. Please see Schedule of Classes for the authors to be studied. May be repeated for credit under different topics.

ENGL 485 SENIOR SEMINAR (4)

Seminar in advanced study of literature. Provides students close mentoring in research and presentation methods in the instructor's area of scholarly expertise. Reserved for lit concentration students, for whom it serves as a culminating capstone for those students. Prerequisites: ENGL101 or 100B, 201 and 385. Recommended: At least one 400-level literature class.

ENGL 487 STUDIES IN RHETORIC (4)

Specialized study of topics in rhetoric (including the history of rhetoric from classical to modern and post-modern rhetoricians), specific problems in rhetoric, and nontraditional rhetorical strategies. Content varies from semester to semester.

ENGL 489 TOPICS IN LINGUISTICS (4)

Individual and small-group study in specialized topics in the field of linguistics or literacy studies. Can be used to meet the Single Subject elective requirement. Offered every two years.

ENGL 491 SEMINAR IN TEACHING COMPOSITION (4)

This course will focus on composition theory, course design, instructional methods, and assessment in the teaching of writing in multicultural settings. Students will also write extensively to improve their own writing. A school-based practicum is a required component of this course.

ENGL 492 READING AND RESPONDING TO LITERATURE (4)

This course will focus on the links between literacy studies and the teaching of literature, with an emphasis on understanding current approaches to supporting adolescent reading in multicultural classrooms. The course explores books, both modern and traditional, that are of particular interest to adolescent and young adult readers. Through extensive reading and writing, students will build an understanding of how to develop effective English Language Arts curriculum at the secondary level.

ENGL 494 ADVANCED SURVEY (4)

This course offers academic support for the review of English and American literature that Master's candidates undertake in preparation for the graduate qualifying exam. Offered Cr/NC only.

ENGL 495 SPECIAL STUDIES (1-4)

To register for ENGL 495, not only must the student have the consent of the instructor, but the material and course of study should satisfy student needs not covered by regularly offered courses. In addition, the amount and level of work proposed should be at the appropriate academic level. Prerequisites: consent of instructor and department chair. May be repeated for credit up to 8 units.

ENGL 496 ENGLISH EDUCATION CAPSTONE SEMINAR (4)

This course engages senior-level English education majors in discussion and activities which review, synthesize, and assess the breadth and depth of their subject matter competence.

ENGL 499 INTERNSHIP (1-4)

For upper-division majors who wish to work off-campus in job-learning situations that relate to their major emphasis. Excludes student teaching. Written contract and faculty sponsorship required.

ENGL 500 RESEARCH AND CRITICAL WRITING (4)

Required for M.A. candidates in English. Advanced use of reference materials and library resources, and the techniques of critical and scholarly writing. The course should be taken during the first semester of classified status. May be repeated for up to eight units. Prerequisite: graduate status or consent of instructor.

ENGL 501 LITERARY THEORY AND CRITICISM (4)

Advanced study of the major texts in critical theory from Plato and Aristotle to the theoretical pluralism of the present. This course should be taken in the second semester of classified status. Prerequisite: graduate status or consent of instructor.

ENGL 530 GRADUATE WORKSHOP IN CREATIVE WRITING (4)

An advanced workshop in creative writing with in-depth discussions of individual work. Please see Schedule of Classes for current offering. May be repeated up to 8 units. Prerequisite: graduate status or consent of instructor.

ENGL 535 DIRECTED WRITING (2-6)

Individualized instruction in the development of an extended creative writing project. Prerequisite: consent of instructor. The M.A. completion option in creative writing is fulfilled through taking a total of 6 units of 535 to successfully produce the final creative project. This project must be approved by the creative project chair and second reader. Prerequisites: ENGL 500, classified status, and an authorized Advancement to Candidacy (GS01) form. Students in other M.A. emphases may count no more than 4 units of 535 toward the degree; creative writing students may count no more than 4 units in addition to the 6 creative project units of 535 toward the degree. Prerequisite: consent of instructor.

ENGL 536 WORLD/POSTCOLONIAL LITERATURE (4)

Studies related to different aspects of world and/or postcolonial literature. Emphasis on historical and social contexts and contemporary theoretical models. Course content varies from semester to semester. Course may be taken more than once for credit under different subtitles. Prerequisite: graduate status or consent of instructor.

ENGL 539 SEMINAR: SHAKESPEARE (4)

Critical reading and in-depth analysis of representative modes such as tragedy and comedy in Shakespeare. Prerequisite: graduate status or consent of instructor.

ENGL 578 PROJECT CONTINUATION (1-4)

Designed for students working on their thesis or master's project but who have otherwise completed all graduate coursework toward their degree. Once students have begun final project units, they must remain continuously enrolled; these units allow them to do this and provide services such as access to the library during this time. These units may also be taken through Extension. This course cannot be applied toward the minimum number of units needed for completion of the master's degree. May be repeated for credit. Cr/NC only.

ENGL 581 SEMINAR: BRITISH LITERATURE (4)

A topic of English literature will be selected for study in depth. In addition to the literature of Britain, the topic may cover related colonial and postcolonial literatures. Please see Schedule of Classes for current offering. Course may be repeated for credit under different subtitles. Prerequisite: consent of instructor.

ENGL 582 SEMINAR: AMERICAN LITERATURE (4)

A topic of American Literature will be selected for study in depth. In addition to the literature of America, the topic may cover colonial, postcolonial, and/or Anglophone literatures of the Americas. Please see Schedule of Classes for current offering. Course may be repeated for credit under different subtitles. Prerequisite: consent of instructor.

ENGL 583 INDIVIDUAL AUTHORS: AMERICAN (4)

In-depth study of an individual author and related criticism. Please see Schedule of Classes for current offering. May be repeated for credit under different subtitles. Prerequisite: graduate status or consent of instructor.

ENGL 584 INDIVIDUAL AUTHORS: BRITISH (4)

In-depth study of an individual author and related criticism. Please see Schedule of Classes for current offering. May be repeated for credit under different subtitles. Prerequisite: graduate status or consent of instructor.

ENGL 587 SEMINAR: RHETORICAL THEORY (4)

Study of topics in recent rhetorical theory specifically as it applies to the teaching of writing at the college level. Course content varies from semester to semester. Course may be repeated for credit under different subtitles. Prerequisite: consent of instructor.

ENGL 588 SEMINAR: STUDY OF LANGUAGE (4)

Study of current theories in linguistics and literacy studies and their applications to English, with emphasis on original research and analysis in the study of oral and/or written language. Course may be repeated for credit under different subtitles. Prerequisite: consent of instructor.

ENGL 595 SPECIAL STUDIES (1-4)

Individualized study on a student-designed topic. The material and course of study should only cover topics not available in currently offered courses. Students must complete the standard SSU form and secure the required written approvals. May be repeated once for credit toward the M.A. Prerequisites: consent of instructor and department chair.

ENGL 597 DIRECTED READING (3)

Focused reading on a relatively narrow topic validated by a written and an oral examination. To be taken by students choosing the directed reading option to complete the M.A. Topic to be approved by the directed reading chair and second reader. Prerequisites: ENGL 500, classified status, and an authorized Advancement to Candidacy (GS01) form.

ENGL 599 THESIS AND ACCOMPANYING DIRECTED READING (3-6)

To be taken by students writing a traditional thesis, an extended research topic approved and guided by the thesis chair and second reader. Prerequisites: ENGL 500, classified status, and an authorized Advancement to Candidacy (GS01) form.

Engineering Science (ES)

ES 101A COMMUNICATION IN THE DIGITAL AGE (3)

Concept of digital age, technology, and modern communications, understanding various routinely used technical terms and commonly known computer and communications components and devices; understanding digital voice, video and data communication, mobile communication, and communication through internet; ill effects such as radiation, invasion of privacy, unethical usages and protection from them; assessment of learning. (The companion laboratory course ES 101B is strongly recommended; the course does not apply to EE major). Prerequisite: GE math eligibility. This course meets GE Area B3 requirement.

ES 101B COMMUNICATION IN THE DIGITAL AGE LABORATORY (1)

Laboratory to demonstrate the concepts discussed in the course ES 101A and give hands-on experience to the students. (Does not apply to the EE major). This course meets the GE science laboratory requirement.

ES 210 DIGITAL CIRCUITS AND LOGIC DESIGN (4)

Students learn how to analyze and evaluate scientific, inductive and deductive reasoning, through digital logic and its application to logic gates and digital electronic circuits. Laboratory work includes designing, building and testing of digital circuits and designs. Project assignments require students present their own design and the final product in public, making persuasive presentations with efficient verbal and non-verbal skills, and listening to peer's critiques for improvement. This course fulfills GE A3. Prerequisites: ES 112, Co-requisite: ES 230, or consent of instructor.

ES 345E ENGINEERING APPLICATIONS OF PROBABILITY THEORY (1)

Lecture, 1 hour. This is a one-unit course introducing how to apply probability theory to model engineering problems, particularly in communications and networking areas. Topics covered include application of probability to measure of information and redundancy, moments to measure power, correlation to determine correlation function, power spectrum and linear prediction, and estimation of statistical parameters. Co-requisite: math 345E or consent of instructor.

ES 495 SPECIAL STUDIES (1-4)

May be repeated for credit up to 8 units.