Engineering Common Core Courses (ECOR)

Faculty of Engineering

ECOR 1010 [0.5 credit] Introduction to Engineering

Professionalism: engineering ethics; health and safety; environment and sustainability. Graphical design communication: sketching, orthographic and axonometric projection; CAD. Managing measurement data: statistical methods; spreadsheets. Design analysis: matrix programming software; symbolic computer algebra systems. Design process: proposals; reports; presentations; reporting software.

Precludes additional credit for ECOR 1000.

Lectures three hours per week, laboratories two hours per week.

ECOR 1101 [0.5 credit] (formerly 91.111*) Mechanics I

Introduction to mechanics. Scalars and vectors. Concurrent forces: resultant and components. Statics of particles. Moments and couples. Force system resultants. Rigid body equilibrium. Frames and machines. Internal forces. Kinematics and kinetics of particles. Conservation theorems: work-energy; impulse-momentum. Centroids and centres of gravity.

Lectures three hours a week, tutorials and problem analysis three hours a week.

ECOR 1606 [0.5 credit] (formerly 91.166*)

Problem Solving and Computers

Introduction to engineering problem solving. Defining and modeling problems, designing algorithmic solutions, converting algorithms to C++ programs, testing, debugging. Program style, documentation, reliability. Numeric methods: representation of data, rounding and truncation errors, root finding, curve fitting.

Precludes additional credit for SYSC 1100 and SYSC 1102. Lectures three hours a week, laboratory one hour a week.

ECOR 2606 [0.5 credit] (formerly 91.266*) Numerical Methods

Numerical algorithms and tools for engineering and problem solving. Sources of error and error propagation, solution of systems of linear equations, curve fitting, polynomial interpolation and splines, numerical differentiation and integration, root finding, solution of differential equations. Software tools.

Precludes additional credit for SYSC 2606.

Prerequisites: MATH 1005 and ECOR 1606.

Lectures three hours a week, laboratory one hour a week.

ECOR 3800 [0.5 credit] (formerly 91.380*)

Engineering Economics

Introduction to engineering economics; cash flow calculations; methods of comparison of alternatives; structural analysis; replacement analysis; public projects; depreciation and income tax; effects of in ation; sensitivity analysis; break-even analysis; decision making under risk and uncertainty.

Prerequisite: third-year registration.

Lectures three hours a week.

ECOR 4000 [1.0 credit] (formerly 91.400) Industrial Experience Report

Students participating in the Industrial Experience Program must submit a formal report upon returning. This report should describe the organization in which the internship took place, the role of the student, the experience obtained and an appraisal of the effectiveness of the training received. ECOR 4000 is a course with a 0.0 credit value and carries no weight. Grades for the course are Sat (satisfactory) or Uns (unsatisfactory). This course is extra to the degree requirements.

English (ENGL)

Department of English Language and Literature Faculty of Arts and Social Sciences

ENGL 1000 [1.0 credit] (formerly 18.100) Survey of English Literature

A study of significant works of English literature from the fourteenth to the twentieth centuries, presented as a general historical survey.

Precludes additional credit for FYSM 1004. Lectures three hours a week.

ENGL 1001 [1.0 credit] (formerly 18.101) **English and Continental Texts**

A study of works by English and continental writers. The list of authors to be read usually includes Dante, Boccaccio, Chaucer, Shakespeare, Byron, Flaubert, Tolstoy, Ibsen, and O'Casey. Consult the instructor or the Department for complete reading lists. The continental texts are read in translation.

Lectures three hours a week.

ENGL 1005 [1.0 credit] (formerly 18.105) Writing and Language

An introduction to the principles, styles, and structures of effective writing, including essay writing. Precludes additional credit for FYSM 1005.

Lectures and workshop three hours a week.

ENGL 1602 [1.0 credit] (formerly 18.162) 20th-Century Literature

An introduction to literary study, examining the poetry, drama, and fiction of the twentieth century, against the background of the social, cultural, and artistic issues that have determined the concerns of its writers. This course or FYSM 1006 is recommended for English Honours and General students.

Precludes additional credit for FYSM 1006. Lectures three hours a week.

ENGL 2000 [0.5 credit] (formerly 18.200*) **Theatre Workshop I**

A course dealing with the rudiments of theatrical performance: voice, movement, improvisation, interpretation. Exercises are based upon examples drawn from the classic and contemporary repertoires.

Note: Enrolment is restricted. See Restricted-Enrolment Workshops.

Prerequisite: a 1000-level credit in English, or second-year standing.

ENGL 2001 [0.5 credit] (formerly 18.201*)

Theatre Workshop II

A course dealing with techniques of characterization, principles of ensemble performance, scene analysis for actors and directors, styles of performance. Exercises are based upon examples from the classic and contemporary repertoires.

Note: Enrolment is restricted. See Restricted-Enrolment Workshops.

Prerequisite: ENGL 2000, or permission of the Department.

ENGL 2003 [1.0 credit] (formerly 18.203)

Introduction to the Novel

A historical and critical study of the novel from its beginnings in the eighteenth century to the present. Twelve to fifteen novels are studied.

Precludes additional credit for ENGL 3003.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2006 [1.0 credit] (formerly 18.206)

Children's Literature

A historical and critical study of children's literature. The course introduces students to critical analysis and assessment of a number of acknowledged classics of children's literature.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures two hours a week.

ENGL 2008 [1.0 credit] (formerly 18.208) Myth and Symbol

A study of myth and its appearance in literature. The course explores the great myths that gave form to man's search for meaning, and that still strike a deep response in the psyche. A wide range of texts demonstrates the nature and vitality of myth.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2009 [1.0 credit] (formerly 18.209) Greek & Latin Literary Genres

A study through English translations of the various genres of Greek and Latin literature, especially those which in uenced later European writing: epic, drama, the ode, pastoral poetry, satire. (Also listed as CLCV 2009.)

ENGL 2102 [0.5 credit] (formerly 18.212*) Comedy and Satire

A critical examination of the comic and satiric in English literature through a study of representative plays, novels and short stories. The theory of comedy and satire is examined in relation to the texts: types, techniques, and themes. Precludes additional credit for ENGL 2002.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2105 [0.5 credit] (formerly 18.215*)

History of the Language

A course on the nature and development of the sounds, grammar, and spelling of the English language, together with some study of its cultural and stylistic evolution. Precludes additional credit for ENGL 2005.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2107 [0.5 credit] (formerly 18.217*)

Science Fiction

A course concentrating on certain points of intersection between literature and science, using texts from various periods and genres.

Precludes additional credit for ENGL 2007.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2108 [0.5 credit]

Women and Literature

An exploration of the representations of women and the construction of femininity in selected literary texts, the position of women as readers and authors, and the impact of feminist criticism on literary analysis.

Precludes additional credit for ENGL 2902.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2109 [0.5 credit]

Gender and Literature

An investigation of how literature represents, reproduces, and resists cultural notions of gender and sexuality. Topics may include: do masculinity and femininity have a literary history, are literary genres and forms gendered, does gender in uence how one reads or writes?

Precludes additional credit for ENGL 2902.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2300 [1.0 credit] (formerly 18.230) British Literature I

A study of major writers of non-dramatic literature from Chaucer to the nineteenth century. Prereguisite: a 1000-level course in English. Lecture three hours a week.

ENGL 2602 [0.5 credit] (formerly 18.262*) Literature of Ireland

Selected writers of modern Ireland.

Precludes additional credit for ENGL 3602. Prerequisite: a 1000-level course in English, or second-year standing.

Lecture three hours a week.

ENGL 2604 [1.0 credit] (formerly 18.264)

Modern Drama

The study of drama from the late nineteenth century to the present.

Precludes additional credit for ENGL 3604.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2606 [0.5 credit] (formerly 18.266*) Literature of Scotland

Selected writers of modern Scotland.

Precludes additional credit for ENGL 3902.

Prerequisite: a 1000-level course in English, or second-year standing.

Lecture three hours a week.

ENGL 2608 [1.0 credit] (formerly 18.268) Forms & Conventions of Cinema

This course examines the forms, structures and stylistic conventions of the cinema. Attention is given to the development of a critical idiom suited to the description, analysis and evaluation of film. (Also listed as FILM 2608) Prerequisite: FILM 1000, or a 1000-level credit in English. Three hours lecture and screening, one hour lecture.

ENGL 2702 [1.0 credit] (formerly 18.272) American Literature

An introduction to the major authors and traditions of American literature from its beginnings to the present. Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2802 [1.0 credit] (formerly 18.282)

Canadian Literature

A survey of the development of Canadian literature in English from its nineteenth-century beginnings to the present.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2808 [1.0 credit] (formerly 18.288)

English & French Canadian Lit.

This course, offered by faculty from the English and French Departments, introduces and compares the two major literatures of Canada. Lectures are given in both English and French. Students are encouraged to use the French language for self-expression but need not do so. (Also listed as CDNS 2808 and FREN 2808.)

Precludes additional credit for ENGL 1808.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2900 [0.5 credit] (formerly 18.290*)

Literature of the Self

A study of the forms, themes, and meaning of autobiographical literature. Attention is paid to the history of autobiographical writing and to the autobiography as a social document, but the main focus is on autobiography as part of the modern search for the self.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2901 [0.5 credit] (formerly 18.291*) Poetry Workshop

A workshop involving regular assignments in writing poetry and practical criticism based on this work.

Note: Enrolment is restricted. See Restricted-Enrolment Workshops.

Precludes additional credit for English 18.291.

Prerequisites: a 1000-level credit in English and permission of the Department.

Workshop three hours a week.

ENGL 2903 [0.5 credit] (formerly 18.293*)

Fiction Workshop

A workshop involving regular assignments in writing prose fiction and practical criticism based on this work.

Note: Enrolment is restricted. See Restricted-Enrolment Workshops.

Precludes additional credit for English 18.293.

Prerequisites: a 1000-level credit in English and permission of the Department.

Workshop three hours a week.

ENGL 2904 [1.0 credit] (formerly 18.294)

Drama to the 19th Century

A study of selected significant plays from the classical to the modern period of world drama, including classical, medieval, renaissance, Restoration, and modern drama.

Precludes additional credit for ENGL 3004.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 2905 [0.5 credit] (formerly 18.295*)

The English Language

The sound system, vocabulary, syntax, and grammar of English.

Prerequisite: second-year standing.

Lectures three hours a week.

ENGL 2906 [0.5 credit] (formerly 18.296*)

Culture and Society

A study of literature in relation to its social and political contexts. The roles adopted by the writer in society will also be considered. Texts are chosen primarily from the 19th and 20th century.

Precludes additional credit for English 18.296.

Prerequisite: a 1000-level credit in English, or second-year standing.

Lectures three hours a week.

ENGL 3001 [0.5 credit] (formerly 18.300)

History of Literary Theory

A study of issues shaping the fundamental assumptions of literary study, including the definition and value of literature, the nature of aesthetics, and the role of authors, ranging from Classical writers such as Aristotle to T. S. Eliot and the New Critics of the mid-twentieth century

Precludes additional credit for ENGL 3000.

Prerequisite: ENGL 2300 or permission of the Department.

ENGL 3002 [0.5 credit] (formerly 18.302*) **Contemporary Literary Theory**

An introduction to contemporary approaches to literary texts, such as formalist, structuralist, deconstructive, psychoanalytic, Marxist, historicist, and feminist. Topics considered may include: the nature and role of literature, of author and reader, of canons, ideology, gender, sexuality, and race. Precludes additional credit for ENGL 3002.

Prerequisite: third-year standing, or permission of the Department.

Lectures three hours a week.

Precludes additional credit for English 18.302.

ENGL 3005 [0.5 credit] (formerly 18.305*) Style, Imagination, & Judgment

An examination of the nature of good and bad writing. The category of imagination as a criterion for judging prose. Conditions favourable to the production of good writing. The cultural effects of bad writing.

Precludes additional credit for ENGL 3005.

Prerequisite: A 1000-level course in English and second-year standing.

Lectures three hours a week.

ENGL 3102 [0.5 credit] (formerly 18.312*)

Old English

A study of Old English language and literature, including grammar and phonology, and translation of selections of Old English prose and poetry.

Precludes additional credit for ENGL 3102.

Prerequisite: a 1000-level credit in English, or permission of the Department.

Lectures three hours a week.

ENGL 3202 [0.5 credit] (formerly 18.322*)

Chaucer

A study of Chaucer's works and of the English language and literature between the Norman Conquest and the fifteenth century.

Precludes additional credit for ENGL 3202.

Prerequisite: ENGL 2300 or permission of the Department.

Lectures three hours a week.

ENGL 3300 [1.0 credit] (formerly 18.330)

British Literature: 16C-19C A study of major authors from the Early Renaissance to

the Romantics.

Precludes additional credit for ENGL 2300.

Prerequisite: Enrolment in the B. Humanities program. Lecture and seminar three hours a week.

ENGL 3302 [0.5 credit] (formerly 18.332*)

Renaissance Literature

A study of the great age of English literature. Selected Poetry and/or prose from Wyatt and More to Donne and Milton is studied.

Precludes additional credit for ENGL 3302, ENGL 3307 and ENGL 3308.

Prerequisite: ENGL 2300, or permission of the Department.

Lectures three hours a week.

ENGL 3304 [1.0 credit] (formerly 18.334)

Shakespeare

Selected plays by Shakespeare and his contemporaries. Precludes additional credit for ENGL 2306. Prerequisites: a 1000-level course in English and secondyear standing, or permission of the Department. Lecture three hours a week.

ENGL 3402 [0.5 credit] (formerly 18.342*)

18th-Century Literature

A detailed study of authors and movements of the period 1660 to 1780.

Precludes additional credit for ENGL 2402 and ENGL 3402.

Prerequisite: ENGL 2300, or permission of the Department.

Lectures three hours a week.

ENGL 3502 [1.0 credit] (formerly 18.352)

British Literature II

A study of major writers of the nineteenth century.

Prerequisite: ENGL 2300, or permission of the Department.

Lectures three hours a week.

ENGL 3503 [0.5 credit] (formerly 18.353*)

The Novel: Dickens to Conrad

A study of the English novel from the High Victorian period of Dickens, Thackeray, and Eliot to World War I.

Precludes additional credit for ENGL 2503 and ENGL 3503.

Prerequisites: third-year standing and a 1000-level credit in English, or permission of the Department. Lectures three hours a week.

ENGL 3601 [0.5 credit] (formerly 18.361*) **20th-Century British Poetry** A course in twentieth-century British Poetry. Precludes additional credit for ENGL 3601. Prerequisites: third-year standing and a 1000-level credit in English, or permission of the Department. Lectures three hours a week.

ENGL 3603 [0.5 credit] (formerly 18.363*) 20th-Century British Fiction A study of twentieth-century British fiction. Precludes additional credit for ENGL 3603.

Prerequisites: third-year standing and a 1000-level credit in English, or permission of the Department. Lectures three hours a week.

ENGL 3701 [0.5 credit] (formerly 18.371*) American Poetry

A study of American poetry.

Precludes additional credit for ENGL 3701. Prerequisites: third-year standing and a 1000-level credit in English, or permission of the Department. Lectures three hours a week.

ENGL 3703 [0.5 credit] (formerly 18.373*)

American Fiction A study of American fiction.

Precludes additional credit for ENGL 3703. Prerequisites: third-year standing and a 1000-level credit in English, or permission of the Department. Lectures three hours a week.

ENGL 3801 [0.5 credit] (formerly 18.381*)

Canadian Poetry A study of Canadian poetry

A study of Canadian poetry. Precludes additional credit for ENGL 3801. Prerequisite: ENGL 2802, or permission of the Department.

Seminar two hours a week.

ENGL 3803 [0.5 credit] (formerly 18.383*)

Canadian Fiction

A study of Canadian fiction. Precludes additional credit for ENGL 3803. Prerequisite: ENGL 2802, or permission of the Department.

Seminar three hours a week.

ENGL 3907 [1.0 credit] (formerly 18.297) Writing: Theory and Practice

The process of writing in theory and practice. Readings and discussions focus on the nature of the composing process; the development of writing abilities from the elementary years to maturity; the interrelationships between thinking and writing; strategies for encouraging growth in writing. (Also listed as LALS 3400.) Precludes additional credit for LALS 2407, ENGL 2907 and LALS 2907. Prerequisite: third-year standing.

Topics or courses at the 4000-level change from year to year. Consult the English Department's Undergraduate Studies in English Course Guide for topics offered in 2003/2004. The guide is available from the Department of English after June 1 or on the Web at www.carleton.ca.

ENGL 4000 [0.5 credit] (formerly 18.400*) Studies in Literary Theory

This seminar is a study of a selected topic in literary theory and criticism.

Precludes additional credit for ENGL 4000.

Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4001 [0.5 credit] (formerly 18.401*) Studies in Poetry

A study of a selected topic in poetry.

Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4003 [0.5 credit] (formerly 18.403*) Studies in the Novel

A seminar for the study and discussion of the art of the novel as exemplified by major works of fiction. Study includes varieties of form and pattern, modes of narration, imagery and symbolism, realism, and naturalism. Precludes additional credit for English 18.403. Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4208 [0.5 credit] (formerly 18.428*) **Studies in Medieval Lit.**

A study of a selected topic in Medieval literature. Prerequisites: ENGL 3202 and fourth-year standing in Honours English or permission of the Department. Seminar.

ENGL 4301 [0.5 credit] (formerly 18.431*)

Studies in Renaissance Lit.

A study of a selected topic in Renaissance literature. Prerequisite: fourth-year standing in Honours English; or permission of the Department.

Seminar.

ENGL 4306 [0.5 credit] (formerly 18.436*)

Studies in Shakespeare A seminar for Honours students, concentrating on critical and scholarly approaches to Shakespeare's work.

Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4401 [0.5 credit] (formerly 18.441*)

Studies in 18th-Century Lit.

A study of a selected topic in Restoration or Eighteenth-Century literature.

Prerequisite: fourth-year standing in Honours English or permission of the Department. Seminar.

ENGL 4407 [0.5 credit] (formerly 18.447*) Studies in Romantic Lit.

A study of a selected topic in Romantic literature.

Precludes additional credit for English 18.448*A (if taken between 1990-94).

Prerequisite: fourth-year standing in Honours English or permission of the Department. Seminar.

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ENGL 4501 [0.5 credit] (formerly 18.451*) Studies in Victorian Lit. I

A study of a selected topic in Victorian Literature.

Prerequisite: fourth-year standing in Honours English or permission of the Department. Seminar.

ENGL 4502 [0.5 credit] (formerly 18.452*) Studies in Victorian Lit. II

A study of a selected topic in Victorian Literature.

Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4607 [0.5 credit] (formerly 18.467*) Studies in 20th-Century Lit.

A study of a selected topic in literature of the twentieth century.

Prerequisite: fourth-year standing in Honours English or permission of the Department. Seminar.

ENGL 4608 [0.5 credit] (formerly 18.468*)

Studies in 20th-C British Lit.

A study of a selected topic in British literature of the twentieth century.

Prerequisite: fourth-year standing in Honours English, or permission of the Department.

Seminar.

ENGL 4708 [0.5 credit] (formerly 18.478*) Studies in American Lit. I A study of a selected topic in American literature. Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4709 [0.5 credit] (formerly 18.479*) Studies in American Lit. II A study of a selected topic in American literature. Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4802 [0.5 credit] (formerly 18.482*)

Canadian Ethnic Minority Lit.

A study of selected works by Canadian ethnic minority writers.

Precludes additional credit for ENGL 4802.

Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4803 [0.5 credit] (formerly 18.483*)

English & French Canadian Lit.

A study of selected works of the literatures of Quebec and English Canada.

Prerequisites: fourth-year standing in Honours English, or permission of the Department.

Seminar.

ENGL 4806 [0.5 credit] (formerly 18.486*) Studies in Canadian Lit.

A study of a selected topic in Canadian literature. Prerequisite: fourth-year standing in Honours English or permission of the Department. Seminar.

ENGL 4808 [0.5 credit] (formerly 18.488*) **First Nations Literatures I**

This course examines the dominant discourse about native people in Canadian writing and the literatures produced by storytellers and writers of the First Nations. The focus is on the oral tradition, work produced prior to contact, until the modern post-contact period.

Precludes additional credit for ENGL 4808.

Prerequisite: fourth-year standing in Honours English, or permission of the Department.

Seminar.

ENGL 4809 [0.5 credit] (formerly 18.489*) First Nations Literatures II

This course focuses solely on the contemporary period of First Nations literature in Canada. It will examine both historical and mythic in uences on this literature. Precludes additional credit for ENGL 4808. Prerequisite: fourth-year standing in Honours English, or Permission of the Department. Seminar.

ENGL 4900 [0.5 credit] (formerly 18.490*) Culture & the Text I A course in applied literary theory. Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4901 [0.5 credit] (formerly 18.491*) Culture & the Text II A course in applied literary theory. Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4902 [0.5 credit] (formerly 18.492*) Culture & the Text III A course in applied literary theory. Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4903 [0.5 credit] (formerly 18.493*) Culture & the Text IV

A course in applied literary theory.

Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4905 [0.5 credit] (formerly 18.495*) **English and Education**

The implications of the study of language, rhetoric, composition, and the literary imagination for the teaching of English.

Precludes additional credit for 18.495.

Prerequisite: fourth-year standing in Honours English, or permission of the Department.

Seminar.

ENGL 4906 [0.5 credit] (formerly 18.496*)

World Literature I

A study of a selected topic in African or Caribbean literature.

Prerequisite: fourth-year standing in Honours English, or permission of the Department. Seminar.

ENGL 4907 [0.5 credit] (formerly 18.497*) World Literature II

A study of a selected topic in Australian and New Zealand literature or Indian literature in English.

Prerequisite: fourth-year standing in Honours English, or permission of the Department. . Seminar.

ENGL 4908 [1.0 credit] (formerly 18.498)

Independent Study

A course for independent research and writing, under the supervision of a member of the Department, open to students in the fourth year of Honours with an A- standing in their English courses. An essay of approximately 10,000 words is the usual written assignment. A written request, outlining the project, with the approval of the supervisor, must be submitted to the co-ordinator by the last day for course changes.

Note: This course may be used to fulfil one of the seminar or 4000-level requirements for the Honours degree, but it cannot normally substitute for ENGL 2300, ENGL 3304 or ENGL 3502. For students in Combined Honours, however, it is considered the equivalent of an Honours Essay.