

GENERAL EDUCATION COURSE SUMMARIES

Basic Proficiency Courses

* Please note that some students may automatically be registered for additional courses as a result of a placement decision or their declared major.

HU 110 First Year Experience: Critical Inquiry (1 SH)

Fall

A course designed to engage students in a successful first year experience through critical thinking and application of personal strengths and interests. Transition to college, introduction to College services, exploration of majors and enhancement of leadership skills as well as the development of realistic personal goals will be the focus. During this course, students will build upon their identified personal strengths and interests to develop a service project.

CM 105 Fundamentals of Public Speaking (2 SH)

Fall and Spring

An introduction to the preparation and presentation of oral communications in a group setting. Emphasis will be placed on organization, techniques of self-expression and the identification of skills appropriate to audience and purpose.

CI 101 Computers and information Processing (2 SH)

Fall and Spring

Basic applications of computers and their role in modern society. Introduction to computer hardware and software for word processing, database management, spreadsheets, graphics and communications. Weekly laboratory exercises at the personal computer using an integrated software package.

EN 101 Principles of Composition and Research (4 SH)

Fall and Spring

Study and practice of traditional techniques of rhetoric. The course offers an introduction to the research process of identification, organization and presentation of source materials.

EN 102 Honors Freshman Seminar (4 SH)

This is an interdisciplinary course on a topic with an international focus. The topic and course materials will vary according to the instructor, but the course will include a number of significant written and oral assignments based on assigned readings. The course will culminate in a research project designed by the student with the direction and approval of the instructor and will include an introduction to the research process of identification, organization and presentation of research materials.

* All Lake Erie College Scholars Program students will automatically be enrolled in this course.

MT 107 Applied College Algebra (4 SH)

Fall and Spring

Prerequisite: C or better in MT 104 or placement.

Mathematical concepts will be approached through the study of applications. Exploration of equations, inequalities and their graphs, with applications in solving real-world problems; examination of rational and polynomial functions; exponential and logarithmic models; linear systems of equations and linear programming of 2X2 systems; mathematics of consumer finance and amortization; and statistical central tendency and standard deviation. A review of algebra will be incorporated throughout the course.

MT 109 Pre-Calculus I (4 SH)

Fall and Spring

Prerequisite: C or better in MT 104 or placement

A study of topics needed to prepare a student for calculus including polynomial, exponential and logarithmic functions, graphs, quadratic equations and inequalities and systems of equations.

Languages (Students must take two semesters of the same language):

FR 101 Beginning French (4 SH)

Fall

Fundamentals of written and spoken language. Emphasis is placed on vocabulary acquisition and mastery of basic grammar concepts.

FR 102 intermediate French (4 SH)

Spring

Prerequisite: FR 101 or permission of instructor

Continuation of the study of grammar, syntax and vocabulary. Further development of speaking and writing skills and of reading facility and comprehension.

GR 101 Beginning German (4 SH)

Fall

Fundamentals of written and spoken language. Emphasis is placed on vocabulary acquisition and mastery of basic grammar concepts.

GR 102 intermediate German (4 SH)

Spring

Pre-requisite: GR 101 or permission of instructor

Continuation of the study of grammar, syntax and vocabulary. Further development of speaking and writing skills and of reading facility and comprehension.

IT 101 Beginning Italian I (4 SH)

Fundamentals of written and spoken language. Emphasis is placed on vocabulary acquisition and mastery of basic grammar concepts

IT102 Beginning Italian II (4 SH)

Continuation of the study of grammar, syntax and vocabulary. Further development of speaking and writing skills and of reading facility and comprehension.

SP 101 Beginning Spanish I (4 SH)

This course is designed to emphasize listening, speaking, reading and writing. Grammatical structures; vocabulary and readings are presented as tools for developing communications skills. The course also aims to foster culture awareness of the Spanish-speaking world.

SP 102 Beginning Spanish II (4 SH)

A continuation of Elementary Spanish I, the course focuses on the skills acquired in the first term, as students continue to develop their communicative language skills.

Core Requirement Courses

Critical Thinking

HU 120 Travels Through Time and Space (4 SH)

An interdisciplinary humanities course that will guide students through a reading of at least two challenging texts (one classical, the other modern) which address common issues from different perspectives. Students are expected to gain an understanding of the nature of liberal education; the process of critical thinking; the value of different approaches to a single subject; the lasting impact of important works and ideas; and variations in perspectives within different cultures.

HU 125 Critical Thinking Through Controversy (4 SH)

This course applies critical thinking methods and problem-solving techniques to a wide range of contemporary controversial issues facing a global society. Toward the goal of formulating possible resolutions, each issue will be probed with the tools of interdisciplinary thought and scientific method.

Sophisticated Texts Courses

EN 140 Principles of Critical Analysis (4 SH)

An introduction to aims, methodology and terminology of literacy criticism through the study of texts written in a variety of forms— fiction, non-fiction, prose and poetry—and drawn from a variety of cultural traditions.

PR 101 Introduction to Philosophy (4 SH)

An examination of some classical philosophical problems, including the existence and nature of the external world, the existence and nature of God, the relationship between appearance and reality and the possibility of true knowledge.

PR 111 Issues in Western Culture (4 SH)

An introduction to the values, structures, conflicts, assumptions and tendencies that have characterized cultures in the West during the past three thousand years. Such issues as human's relationship to Nature, the meaning of heroism and the relationship between man and woman will be explored in both classic and contemporary texts.

Cultures and Values Courses

IS 200 Peoples and Cultures in Contrast (4 SH)

Fall and Spring

A focused and in-depth study of the history, traditions, values and practices of a specific culture, region, gender group, ethnic community or linguistic community, including, but not limited to, western European cultures. Specific focus will vary from term to term.

IS 300/301 Intercultural Relationships I, II (2, 2 SH) Prerequisite for IS 301: IS 300

This intercultural course is designed to prepare students for a living and study experience in a foreign environment. Lectures, presentations and discussion groups are scheduled. They aim at giving the students the basic background for exploring further the cultural heritage and transformation of the host country. They also aim at overcoming preconceived notions by making students aware of changes in family structure, peer relationships, social and political attitudes. During the second term, a journal or sketchbook, kept abroad, is used as one of the measures of the students' growth and perceptiveness of self and environment. The first course is normally offered on the campus in the fall. The second course is ordinarily completed during the spring term abroad.

PR 238 World Religions (4 SH)

The course will introduce students to several of the world's major religious traditions, including Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity and Islam. Topics covered will include the founding figures, beliefs, rituals, concepts of the ultimate, social roles, moral codes and histories of each religious perspective.

GR 201 Communicating in German (4 SH)

Fall

Pre-requisite: GR 102 or permission of instructor.

This course focuses on the active usage of the material learned in GR 101 and 102. Communication skills are built through an interactive classroom atmosphere based on the discussion of readings and visual media.

GR 220 German Conversation (4 SH)

Spring

Pre-requisite: GR 102 or permission of instructor.

This course continues to build oral and written communication skills. Conversational exercises such as role-playing and short oral presentations are emphasized, as well as continued interactive work with visual media and short readings.

FR 201 Intermediate French (4 SH)

Fall

Prerequisite: FR 102 or permission of instructor

This course focuses on the active usage of the material learned in FR 101 and 102. Communication skills are built through an interactive classroom atmosphere based on the discussion of readings and visual media.

FR 220 French Conversation (4 SH)**Spring****Prerequisite:** FR 102 or permission of instructor

This course continues to build oral and written communication skills. Conversational exercises such as role-playing and short oral presentations are emphasized, as well as continued interactive work with visual media and short readings.

IT 201 Intermediate Italian (4 SH) Prerequisite: IT 102

Continued development of written and spoken language. Communication skills are built through an interactive classroom atmosphere based on the discussion of videos and readings.

IT 220 Italian Conversation (4 SH)**Spring****Prerequisite:** IT 102

This course continues to build oral and written communication skills. Conversational exercises such as role-playing are emphasized, as well as continued interactive work with videos, film and readings.

SP 201 Intermediate Spanish I (4 SH)**Prerequisite:** SP 102 with a grade better than C- or placement test.

The first half of the one-year sequence in Intermediate Spanish. The course includes a review of the basic language structures and introduces advance structures. The course has a strong cultural component through an interactive classroom atmosphere.

SP 220 Spanish Conversation and Composition (4 SH)**Prerequisite:** SP 202 with a grade better than C- or interview.

The course is designed to develop skill and accuracy in spoken and written Spanish.

Study Abroad Tour (4 SH)**Prerequisite:** Four consecutive semesters completed with a cumulative grade point average of 2.0 or higher.

Eligible students may elect to enroll in a Study Tour that will satisfy the Cultures and Values Core Requirement.

Fine Arts Courses**AT 104 Experiencing the Visual Arts (4 SH)**

An introduction to the basic elements and forms of visual art in both theory and practice. Students will analyze a variety of forms representing both historical and contemporary periods. The course includes a studio element in which students will complete several projects.

DN 104 Dance In Its Time (4 SH)

Exploration of the relationship among a number of the most significant contemporary choreographers and the cultural, philosophical, scientific and artistic environments in which they are created.

FA 101 The Arts and Their Interrelations (4 SH)

An approach to an understanding and appreciation of the arts through a study of basic elements and principles. The purpose of This course is to develop independent judgment and good taste in the selection of experiences.

MU 104 Introduction to the Art of Music (4 SH)

An aural examination of the musical elements of timbre, texture, rhythm, melody and harmony in musical styles from Gregorian Chant to the present.

TH 104 Introduction to Theater (4 SH)

An overview of theater in theory and practice including an introduction to dramatic forms, performance and technical theater. Students will be involved in several short studio productions as part of the course.

Scientific Inquiry Courses**BI 100 Principles of Biology I (4 SH)****Fall and Spring**

This course is a survey of basic biological principles including the chemical basis of life, cellular biology, genetics and evolution of simple organisms including viruses, bacteria, protists and fungi.

Note: If BI 100 is chosen to satisfy the “Scientific Inquiry” General Education requirement at Lake Erie College, then both the lecture (BI 100) and laboratory (BI 100L) are required.

* Students pursuing majors in an area of equine studies or pre-health professions are strongly encouraged to enroll in BI 100.

CH 103 General Chemistry I (5 SH)**Fall**

A study of the laws and theories of chemistry, including stoichiometry, atomic structure, bonding, ideal gas laws and thermochemistry. Open to all students.

Note: If CH 103 is chosen to satisfy the “Scientific Inquiry” General Education requirement at Lake Erie College, then both the lecture (CH 103) and laboratory (CH 103L) are required.

ES 104 Introduction to Environmental Science (4 SH)

The environmental concerns of humans considered from a scientific perspective. Topics include basic ecological principles, world food, energy problems and threats to ecosystems. Open to all students. Cross listed as BI104 and PC 104.

Note: If ES 104 is chosen to satisfy the “Scientific Inquiry” General Education requirement at Lake Erie College, then both the lecture (ES 104) and laboratory (ES 104L) are required.

PC 106 Introduction to Physical Science (4 SH)

An overview of some fundamental scientific concepts and their application to the physical world. Topics from physics, chemistry and earth science are covered. Laboratory material included. For non-science majors.

Note: If PC 106 is chosen to satisfy the “Scientific Inquiry” General Education requirement at Lake Erie College, then both the lecture (PC 106) and laboratory (PC 106L) are required.

PC 201 General Physics I (5 SH) Prerequisite: MT 109 or permission of the instructor.

A study of classical mechanics including Newtonian dynamics, energy conservation and principles of oscillatory motion.

Note: If PC 201 is chosen to satisfy the “Scientific Inquiry” General Education requirement at Lake Erie College, then both the lecture (PC 201) and laboratory (PC 201L) are required.

Social Processes Courses**EC 200 Principles of Economics (4 SH)****Fall and Spring**

An introduction to microeconomics and macroeconomics: Analysis of the allocation of scarce resources under conditions of pure competition, oligopoly and monopoly. Aggregate economics, dealing with consumption, prices, money, taxation and proposals for economic progress. The question of objective and rational versus moral and ethical behavior is addressed.

* Students are encouraged to wait until their sophomore year before enrolling in this course.

PS 101 General Psychology (4 SH)**Fall and Spring**

An introductory course which utilizes a critical evaluation orientation to present the basic facts and principles from the various fields of psychology. This course is a prerequisite for all other psychology courses.

* Students pursuing majors in an area of education or in Psychology are strongly encouraged to enroll in PS 101.

SO 111 Introduction to Sociology (4 SH)

A study of the interaction between the individual and the larger society. Topics include the nature of society, social conditions, social organization and social change. Projects take students into the field.

SO 112 Social Issues (4 SH)**Spring**

A course dealing with current issues and social trends including topics in health, mass media, work and unemployment, women and ecology. Students also analyze dominant institutions that shape society.