

College Credit Classes at ELGHS

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ENGLISH 12 – COLLEGE CREDIT ENGLISH (TC):

ENG 101: English Composition (First Semester) This is a college-level class under the auspices of St. Norbert College. Successful completion of the class will earn the student four (4) college credits and ½ credit of high school English. This course is designed to help students develop and discipline their powers of exposition through an in-depth study of a few literary masterpieces and a systematic series of rhetorical exercises to help them explain their ideas in writing with clarity and effect. (Laude Tier 1)

ENG 150: Introduction to Literature (Second Semester) This is a college-level course in literature with various philosophical points of view. The course develops skills in close reading and analysis of selected works from the genres of poetry, fiction, and drama according to the various principles and techniques of literary criticism. It enlivens perceptions and develops the ability to express them through class discussions and papers. (Prerequisite: ENG 101) (Laude Tier 1)

Successful completion of these courses earns the student eight (8) college credits and 1 credit of high school English.

NOTE: Students **must** qualify to be able to take this course. ACT score in English, Reading, and Writing will be taken into consideration; he/she **must** have an overall G.P.A. of 3.0 or higher; he/she **must** have successfully completed our English 11 Composition course; and he/she **must** be recommended by the course instructor and St. Norbert College.

PRE-CALCULUS MATHEMATICS (TC): (Year-Long Course) Studies the development of functions including operations on functions, composition of functions, graphs and transformations, finding zeros, and solving applied problems. There is an emphasis on trigonometric functions. Other topics include rational functions, parametric equations and systems of equations. Emphasis is on graphs and their interpretation. A graphing calculator is required. (Prerequisite: Algebra, Geometry,

and Advanced Algebra) (1 credit) (A test will be administered in the start of the course to determine if a student qualifies to take this course for college credit; 3.25 GPA recommended; 5 credits from UW-Oshkosh; MAT 108) (Laude Tier 1)

CALCULUS (TC): (Year-Long Course) The limit process is studied extensively and the derivative is developed as a limit. The differentiation process is applied to problems involving maximum/minimum, linear and curvilinear motion: (velocity and acceleration) and curve sketching techniques. Indefinite and definite integrals are studied as is the application to area under a curve, length of a curve, surfaces and volumes of revolution, hydrostatic pressure, work and centroids. Additional topics involve the Trapezoidal Rule and Simpson's Rule for approximating areas, Taylor and MacLaurin Series and first order separable differential equations. This course is designed to parallel the content encountered in the first two semesters of college Calculus, and should prove extremely valuable to students planning a career in engineering, the sciences, etc. (1 Credit) (Prerequisite: Pre-Calculus)(3.25 GPA recommended for college credit qualification)(College credit option through UW-Oshkosh for 5 credits; MAT 171) *Class has changed to 5 credits at UW-Oshkosh, effective the 19-20 school year. (Laude Tier 1)

THE ACTIVE LIFESTYLE (TC): This is a college credit course through UW-Oshkosh. It will be of college rigor with increased expectations daily. A contemporary examination of the effects of lifestyle, wellness, and health promotion of the individual. Instruction in procedures for self-evaluation as well as individualization of exercise prescription for the development of fitness. Participation in a planned program of aerobic activity is required. (½ HS credit; 2 college credits; HES 105) (Open to Juniors and Seniors who have completed PE 9 & PE 10) (Laude Tier 1)

JOGGING (TC): Students enrolled in the above class also have the opportunity to take the Jogging course through UW-Oshkosh (HES 103) for 1 credit. The components of this class are met while participating in the assigned components of the active lifestyle course, however enrollment in this course is optional.

PE - Yoga (TC): A physical education course that includes the Beginning Yoga course, which covers the basic principles, philosophies, and practices of yoga and developing and modifying an individual program. This course includes flexibility, strength, and balance activities for men and women. In addition to yoga, there will be a continual

focus on Personal Health and Wellness with a focus on mental health, social health, stress management, time management, and nutrition and weight control. (1/2 HS credit; 1 college credit from UW-Oshkosh; PE 108) (Open to Juniors and Seniors who have completed two semesters of PE) (Requirements - GPA of at least 2.75 or top 30% of class, or teacher & college approval) (Laude Tier 1)

INTRODUCTION TO SOCIOLOGY (TC): (Semester Course, offered only in school years beginning with **odd** numbers) This course will study human interaction in society. Students will develop an understanding of how people perceive, think, and why they behave the way they do. Exploration of human welfare, patterns of behavior, social conflict, and social change will also be addressed. These classes are recommended for the college bound senior. This course will require the student to exercise academic responsibility much like a college course would require. Students must be willing to get involved verbally with active debate. (½ credit) (This course can also be taken as a CAPP/College Credit course through Lakeland College for 3 college credits; SOC 100)(Recommended 3.0 GPA min. is SS courses or Teacher Approval.) (Laude Tier 1)

GENERAL PSYCHOLOGY (TC): (Semester Course, offered only in school years beginning with **even** numbers) This course will study the individual. Through both classes, students will develop an understanding of how people perceive, think, and why they behave the way they do. Exploration of human welfare, patterns of behavior, social conflict, and social change will also be addressed. Students must also be willing to get involved verbally with active debate. (½ credit)(This course can also be taken as a CAPP/College Credit course through Lakeland College for 3 college credits; PSY 200.)(Recommended 3.0 GPA min. is SS courses or Teacher Approval.) (Laude Tier 1)

HIS 202: Modern United States History Since 1877 (TC): (Semester Course, offered only in school years beginning with **odd** numbers) This course is a broad survey of American History from the era of the American Civil War to the present. The focus will be on the political, social, economic, and intellectual debate that shaped American History. Goal of this class is to expand historical knowledge and teach students to think historically. In addition to the required text, each student will be

required to complete a book review on a historical novel. This course will be taught on a college level with all the same expectations of a college freshman student. Students must pay a tuition fee and earn a C or better in the class to receive the 3 college credits. (½ HS credit)(UW-Oshkosh 3 credit college course) (Recommended 3.0 GPA min. is SS courses or Teacher Approval.) (Laude Tier 1)

HIS 201: United States History to 1877 (TC): (Semester Course, offered only in school years beginning with **even** numbers) A survey of American political, economic, social and intellectual history from the Age of European Exploration and the period of colonization to the era of the American Civil War. As an Ethnic Studies (ES) course this course thoroughly integrates the experiences of African Americans, Native Americans, Hispanics, and/or Asian Americans into US history in a manner that fosters understanding and appreciation of the perspectives and experiences of at least two of these groups, as well as their contributions to and interactions within American society. This course will be taught on a college level with all the same expectations of a college freshman student. Students must pay a tuition fee and earn a C or better in the class to receive the 3 college credits. (½ HS credit)(UW-Oshkosh 3 credit college course) (Recommended 3.0 GPA min. is SS courses or Teacher Approval.) (Laude Tier 1)

HORTICULTURE: (Year-Long /Semester Course) This course will focus on the following areas of Horticulture: the horticulture industry including raising fruits, vegetables, ornamental plants and trees; history of the industry and current trends; importance of horticulture; careers in horticulture; groups of plants and their uses; plant parts, functions, reproduction and processes; soil types and effects on plants; plant diseases and pests; plant health care; and management strategies for horticulture crops. Students will transplant seedlings and care for plants in the greenhouse. Students who complete this course (year-long) will receive 3 college credits through LTC; as of fall 2023 credits will be earned through FVTC (Open to grades 11 and 12)(.5 – 1.0 credit)(Course # is 10-001-110)(Laude Tier 1)

Industry 4.0 - classes taken through LTC

Possible are classes in Mechatronics and Robotics (subject to change per LTC)

No longer offered as 2022-23 CUSTOMER SERVICE TECHNIQUES (TC): This class will teach you skills in customer relations, judgment, and business development. You will receive training in connecting with customers, healing customer relationships, and dealing with customer needs. It will also prepare you for the business world by teaching you effective communication techniques including writing memos, reports, drafting email messages, and developing effective speaking skills. (Course # is 10104109)

Credits: .25 HS credit (Laude Tier 1)

Recommended Grade Level: 11, 12 (Grade 10 with teacher approval)

Length of Course: One quarter

Pre-Requisites: None

College Credit: Lakeshore Technical College, 2 credits

No longer offered as 2022-23 LEADERSHIP AND PROFESSIONALISM (TC): This class will prepare you to feel confident in the business setting and to understand business procedures in a culturally diverse, international market. We will focus on proper etiquette, introductions, professional body language, cultural sensitivity, dining and social skills, time management, and conflict management/resolution. (Course # is 10104128)

Credits: .5 HS credit (Laude Tier 1)

Recommended Grade Level: 11, 12 (Grade 10 with teacher approval)

Length of Course: One Semester

Pre-Requisites: None

College Credit: Lakeshore Technical College, 3 credits

AP BIOLOGY: (Yearlong Course) This biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. Students decide in November if they would like to take the AP Biology Exam that could exempt them from taking their first year college biology class

or register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory-science course and will be able to undertake other courses to pursue their majors. This course will cover molecules and cells (25%), heredity and evolution (25%), and organisms and populations (50%). This will be an extremely demanding course with a heavy emphasis on lab work. Expect to spend a minimum of 5 hours/week outside of class working on this class. Prerequisite: Chemistry (1.0 HS credit)

AP ENVIRONMENTAL SCIENCE: (Yearlong Course) This course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. There will be extensive lab (indoor) and field (outdoor) work in this course. Students decide in November if they would like to take the AP Environmental Exam that could potentially earn them college credits or meet college prerequisites. Prerequisite: Chemistry (1.0 credit)

Common Distance Learning/Online Courses

(1 college credit=.25 HS credit)

*These classes are often taken through the Early College Credit (ECCP) Program or the Start College Now Program. The deadlines to apply for these classes/this program are October 1st for the spring semester and March 1st for the fall semester.

BASIC ANATOMY (TC): (Semester Course) Examines concepts of human anatomy and physiology as they relate to health careers. Learners correlate anatomical and physiological terminology to all body systems. (3 college credits from NWTC;

#10806189) (Meets 3 days per week)

MEDICAL TERMINOLOGY (TC): (Semester Course) This course focuses on the component parts of medical terms. Prefixes, suffixes, and root words. Students practice formation, analysis and reconstruction of terms. There will be an emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as, systemic and surgical terminology. (3 college credits from NWTC/LTC; #10501101) (Meets 3 days per week)

CULTURE OF HEALTHCARE (TC): (Semester Course)prepares learners to work in the healthcare environment as part of a healthcare team. Learners will investigate the healthcare community, patient privacy standards, and the professional behavior that is expected in today's medical community. Learner will examine various aspects of verbal or written communication skills, customer service principles, and problem solving techniques necessary to be a vital member of the healthcare workforce. (2 college credits from NWTC/LTC; #10-501-104) (Meets 3 days per week or online)

DIGITAL LITERACY FOR HEALTHCARE (TC): (Semester course) ...Provides an introduction to basic computer functions and applications utilized in contemporary healthcare settings. Students are introduced to the hardware and software components of modern computer systems. (2 college credits from NWTC/LTC; #10-501-107) (Meets 3 days per week or online)

AMERICAN SIGN LANGUAGE (TC): (Semester Course)..... relating to the deaf culture including non-manual grammatical markers, signing, fingerspelling, classifying and the technology related to deafness. (3 college credits from NWTC;#10-533-110) (Meets 3 days per week) (ASL 2 is likely an available class also.)

***Additionally, students may have had/may take Early College Credit or Start College Now Program classes online or at a nearby college campus that are not listed here.