

Lyndon Learning Collaborative

Course Offerings at LI

2023 – 2024

This list contains all of the courses that Lyndon Institute is authorized to include as part of the Lyndon Learning Collaborative. However, only those courses with “Fall” and/or “Spring” next to them will run during the 2023-2024 school year.

ART 1060 - Two-Dimensional Design

3 cr

This course introduces formal elements of art and principles of design that give rise to intelligent, expressive two-dimensional form and composition. Working across various mediums, students will be engaged in creative challenges exploring concepts in visual problem-solving and the expression of ideas.

This course fulfills the Arts and Aesthetics general education requirement.

ART 1109 - Introduction to Graphic Design

3 cr

This course explores the fundamental principles and components of graphic design as a rich visual language that communicates purpose, identity, and meaning through the effective integration of image, type, and color. Students will create purposeful authentic layouts involving image manipulation and typographic design. Coursework introduces professional best practices and workflow for production using industry-standard software.

This course fulfills the Digital and Computing Literacy general education requirement.

ART 2125 - Digital Arts & Image Editing

3 cr

In this course, students will learn how to use image creation and editing tools available in industry-standard software. Students will learn techniques to create and edit original raster-based images for publication on web, multimedia, and print. Through studio projects, students will apply the principles of design for the creation of powerful and expressive artwork.

This course fulfills the Digital and Computing Literacy general education requirement.

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ART 2223 - Page Design

3 cr

This course focuses on page layout design and principles of creative composition. Coursework emphasizes best practices and professional standards for integrated workflow and output to publication and further considers historical perspectives in style. Students will develop graphic content format layouts for single-sided, double-sided, folded, and multi-page documents integrating image, text, and color. Instruction covers technical skills and creative applications of industry-standard page layout software.

Prerequisites: ART 1109

This course fulfills the Digital and Computing literacy general education requirement.

ART 2224 - Vector Graphics

3 cr

Students in this course will learn to use industry-standard software for creating vector graphics such as icons and logo designs. Instruction will address best practices in the creation of vector graphics, digital illustrations, and branding. File management, print and digital publication, and ethical practice are addressed. The focus will be on developing technical skills while executing a variety of creative projects.

This course fulfills the Digital and Computing Literacy general education requirement.

BIO 1121 - Biology I (Spring)

4 cr

This course is the first part of the comprehensive introductory biology series (BIO 1121 - Biology I and BIO 1122 - Biology II) and emphasizes the molecular, cellular, genetic, and organismal levels.

3 hours of lecture, 3 hours of lab

BIO 1122 - Biology II (Fall)

4 cr

A continuation of BIO 1121 - Biology I, with particular emphasis on organisms, ecosystems, and evolution.

3 hours of lecture, 3 hours of lab

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COM 1410 - Digital Photography

3 cr

This course introduces the foundations of digital photography through exploration of theme and subject. Coursework engages students in photo essays and computer studio work to explore aesthetic concepts in composition, lighting, color expression, and image quality. Students will gain foundational knowledge of relevant software practices for image editing and correction, color adjustment, and file management.

Notes: DSLR camera required

This course fulfills the Arts and Aesthetics general education requirement.

COM 2316 - Digital Photography & Image Editing

3 cr

This course introduces the foundations of digital photography through exploration of theme and subject. Coursework engages students in photo essays and computer studio work to explore aesthetic concepts in composition, lighting, color expression, and image quality. Students will gain foundational knowledge of relevant software practices for image editing and correction, color adjustment, and file management.

This course fulfills the Digital and Computing Literacy general education requirement.

DAN 1010 - Fundamentals of Dance

3 cr

This course provides an introduction to dance and movement with a studio component.

This course fulfills the Arts and Aesthetics general education requirement.

DAN 1111 - Modern Dance (Fall)

3 cr

This course provides an introduction to the principles and techniques of modern dance.

This course fulfills the Arts and Aesthetics general education requirement.

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DAN 2131 - Ballet

3 cr

This course studies the structure and form of classical ballet.

This course fulfills the Arts and Aesthetics general education requirement.

DAN 3130 - Jazz Dance

3 cr

This course is an introduction to the movement vocabulary and style of jazz, a performance-oriented form. Students of jazz dance learn to incorporate balletic and modern dance techniques into the specialized jazz style. They also develop the ability to handle their bodies as instruments, smoothly, sharply, lyrically, percussively, and rhythmically. The course includes an historical survey of jazz dance from its roots in Africa through vaudeville, musical theater, movies, and today's jazz artists.

This course fulfills the Arts and Aesthetics general education requirement.

ENG 1061 - English Composition (Fall)

3 cr

Students learn to write effective academic essays developed around a central thesis and concrete support. Instruction in conventional American English grammar, punctuation, spelling and usage, as well critical reading and thinking skills, are emphasized. Information literacy - particularly the collecting and evaluating of information - is also an essential course component. Students should complete this class in their first year.

This course fulfills the Written Expression general education requirement.

ENG 1070 - Effective Speaking (Spring)

3 cr

In this course, students study and practice the elements of effective oral communication, gaining experience and confidence in the preparation and delivery of oral presentations. Students prepare and deliver multiple short informative and persuasive speeches, practicing how to choose, limit, and arrange what they say according to their audience and purpose, and to use visual aids and cite sources appropriately.

This course counts towards required 40 credits of general education.

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ENV 1080 - Introduction to Environmental Science (Spring)

4 cr

This course studies the environment and solutions to environmental problems. As an interdisciplinary academic field, it lies at the intersection of physical and biological sciences. This course introduces students to fundamental concepts in physical and ecological processes that shape our environment and the role that human civilizations have in shaping the environment. Emphasis is placed on examining solutions to current environmental problems including aspects of soil, water and air pollution, ecosystem services, biomimicry, environmental toxicology, living machines, phytoremediation, bioremediation and green chemistry. Central to this course are semester-long student projects.

3 hours of lecture, 3 hours of lab

This course fulfills the Natural Science general education requirement.

HIS 1215 - Survey of Early U.S. History (Fall)

3 cr

Students in this introductory survey course will study the foundations of national life in the United States. The topics to be considered include Native American cultures and colonialism; the American Revolution; slavery and its destruction in the Civil War; and the role of race and gender relations in early American society.

This course fulfills the Humanistic Perspective general education requirement.

HIS 1225 - Survey of Modern U.S. History (Spring)

3 cr

This introductory survey course will trace the development of the United States over the course of the twentieth and twenty-first centuries. Topics will include industrialization and its critics, imperialism, the two World Wars, the development of a social safety net, and movements for civil rights and social justice for African Americans, women, and other oppressed groups in American life.

This course fulfills the Humanistic Perspective general education requirement.

INT 1020 - Entering an Academic Community (Fall)

3 cr

This course introduces the student to NVU-Lyndon's intellectual and social environment. Instructors use a variety of approaches to strengthen higher-level thinking, enhance academic skills, and provide information that leads to success in college.

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MAT 1020 - Intermediate Algebra (Fall)

3 cr

This course provides a brief review of the fundamentals of algebra, equations, and inequalities, exponents and radicals, functions and graphs, systems of equations, and polynomial and rational functions

This course fulfills the Mathematics general education requirement.

MAT 1230 - College Algebra (Spring)

3 cr

This course is intended to prepare students for Precalculus by reviewing the fundamental concepts of algebra. Topics include equations and inequalities, exponents, radicals, functions, systems of equations, polynomials, and applications.

This course fulfills the Mathematics general education requirement.

MAT 1360 - Precalculus with Applications (Fall through Spring)

4 cr

In addition to preparing students for the study of calculus, this course presents a variety of functions that can be used for modeling and solving real-life problems. Functions are explored from numerical, graphical, and analytic perspectives and include the study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Students utilize technology and practice applying concepts in weekly workshops.

Prerequisites: MAT 1230 with a grade of “C” or better, or appropriate placement.

This course fulfills the Mathematics general education requirement.

MUS 1028 - Introduction to Rock & Roll (Spring)

3 cr

In this course, the student discusses the social, economic, and political conditions that influenced the development of rock music and the artists who contributed to its form. They explore a variety of rock styles from the 1950s through the present through extensive listening.

This course fulfills the Arts and Aesthetics general education requirement.

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MUS 1041 - Class Piano I

3 cr

This course is designed to teach basic piano playing skills and to advance existing skills. The content is focused on improving keyboard skills through learning musical notation, technique, and a variety of repertoire, including popular and contemporary genres. The basics of music theory and musicianship are also covered. Music BA, Music Education, and Musical Theater Students may test out of this course.

This course fulfills the Arts and Aesthetics general education requirement.

MUS 1120 - Applied Music Lessons

0.5 cr

This is a half-hour, intensive private study in music through the performance of advanced concert repertoire.

May be repeated for credit.

This course fulfills the Arts and Aesthetics general education requirement.

MUS 1175 - Western Music History: A Survey

3 cr

This course provides an overview of Western European musical tradition from early times to the present, with an introduction to major composers, stylistic periods, and representative works. Music will be discussed through various historical perspectives providing students with a basic understanding of music's place in and influence on the flow of history.

This course fulfills the Humanistic Perspective general education requirement.

MUS 1231 - Music Theory I (Fall)

3 cr

The student solidifies reading music notation and key signatures and develops an understanding of scales, modes, harmonic analysis, chord building, and elementary composition. Writing and performance (vocal and keyboard) skills are developed throughout the semester. Designed for students who wish to increase their understanding of the materials of music.

Prerequisites: MUS 1030 or permission of instructor

Corequisites: MUS 1091 for music majors (non-music majors are not required to take MUS 1091, but may)

This course fulfills the Arts and Aesthetics general education requirement.

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MUS 2125 - Applied Music Lesson

1 cr

In applied music lessons, students will meet one on one with their teacher to develop skills on an individual instrument/voice, and learn literature and performance techniques. The course includes 12 50-minute lessons per semester. In addition to the practice and preparation required for weekly lessons, students are required to attend recitals, concerts and performance labs. Designed for music, theater, music business and PAT majors and minors. May be repeated for credit. Add slip required for registration. May not be added or dropped after the second week of classes.

May be repeated for credit.

Music, Theater, Music Business, PAT majors and minors only; permission of instructor

Corequisites: MUS 1120L

Notes: May not be added or dropped after the second week of classes.

MUS 2220 - PAT Music Ensembles (Fall & Spring)

1 cr

Ensembles include: PAT 2220 SJ01 Percussion Ensemble, PAT 2220 SJ02 Concert Band, PAT 2220 SJ03 Polaris Singers, PAT 2220 SJ04 Polaris Tubthumping Trash Ensemble, PAT 2220 SJ05, PAT 2220 SJ06 Funk Fusion Ensemble, PAT 2220 SJ07 Jazz Ensemble, PAT 2220 SJ08 Polaris ConTemp

May be repeated for credit.

Prerequisites: MUS 1431 or permission.

POS 1010 - Introduction to Political Science

3 cr

This course surveys the basic principles and institutions of governments and examines them in the context of modern governments, both democratic and non-democratic.

This course fulfills the Social Science general education requirement.

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PSY 1010 - Introduction to Psychology (Spring)

3 cr

This course introduces students to the major concepts, issues, research, and scientific methods upon which our knowledge of human thought and behavior is built. Geared for both majors and non-majors, this course provides the basis for further study of psychology as well as a sense of how psychological issues are involved in a variety of academic fields and students' personal lives. Course content is selected from topics including research methods, neurophysiology, states of consciousness, learning, memory, theories of personality, motivation, social psychology, and abnormal behavior.

This course fulfills the Social Science general education requirement.

(End of course listings)