



LAWRENCEVILLE HIGH SCHOOL
CURRICULUM GUIDE
2024-2025

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DISCLAIMER

This handbook is not intended to create a contractual relationship with the student; rather, it is intended to describe the school, its current practices, procedures, rules, and regulations (or code of conduct). Membership or participation in a school-sanctioned activity is a privilege and not a property right.

GENERAL INFORMATION

This document includes general information concerning course descriptions and procedures followed relating to the curriculum at Lawrenceville High School. In addition to this document, the school's website and the student handbook may be sources of additional information. The reader is encouraged to direct specific questions to school personnel.

THE SELECTION OF SUBJECTS

Choosing the right classes is very important. Students are encouraged to discuss course choices with parents, teachers, and students presently taking classes to determine the appropriateness of course selections. Students should keep in mind career goals, personal goals, and college/advanced training options when making their curriculum plans. The academic advisor is also a source of information on college and career requirements and current standings in credits and graduation requirements. With all of this information in mind, students then indicate course selections for the next year using the appropriate forms.

Teacher recommendations are important in assisting students with their choice of courses. More than anyone else, the teacher has worked with the student on an academic level. The advisor will also consider standardized test performance in the determination of class placement.

REGISTRATION PROCEDURE

- The advisor meets with students to distribute registration materials, to discuss courses, and to answer questions.
- The student takes the registration materials home to discuss a tentative course request list with parents/guardians.
- The registration form is turned in to the advisor after being signed by the student and the parents/guardians.
- Students enter requests into the computer.

GRADE CLASSIFICATION

Students at the high school level are promoted based on the number of credits earned.

Grade Classification is as follows:

- Grade 10: 6 credits
- Grade 11: 12 credits
- Grade 12: 20 credits

TRANSFER CREDIT REQUIREMENT

Effective 2017-2018

- Freshman Enrollment: Sem. 1 or 2 -28 credits
- Sophomore Enrollment: 27 credits
- Junior Enrollment: 26 credits
- Senior Enrollment: 25 credits

CREDIT ADJUSTMENT

Adopted August 2020

Lawrenceville High school students placed at a different serving school will have total graduation credits according to the total number of possible credits earned at the serving school by subtracting one credit for each year of school. For example, if a student can earn a total of 28 credits at the serving school over the course of 4 years, the graduation total credit requirement for a Lawrenceville High school student is 24. (This is in line with LHS total credits; a student may earn 32 credits over the course of 4 years and the total graduation credit requirement is 28.) Students placed at the serving school shall meet all other LHS graduation requirements.

ILLINOIS EASTERN COMMUNITY COLLEGE—DUAL CREDIT COURSES

Depending on grade level, students may receive college credit through Dual Credit arrangement with IECC upon successful completion of the requirements of the course.

A rate of \$40 per credit hour of course is charged by IECC for dual credit courses. This fee is not covered by school fee waivers.

POLICY CONCERNING STANDARDIZED ACHIEVEMENT TESTS AND SCHOOL-WIDE ASSESSMENTS

Community Unit School District #20 is required to administer standardized achievement tests and school-wide assessments to its students. The Board of Education finds and determines that results of those tests are extremely important to both the school district and to the students taking those tests. Results of such tests provide critical information concerning the effectiveness of the school district's academic program and assist school personnel in determining the correct educational placement of students. The Board further finds and determines that a small number of students have in the past not put forth proper effort to ensure maximum achievement on those tests, which has caused a detrimental effect on those students and on the school district as a whole. Therefore, it is the intent of this policy to set forth procedures governing students taking standardized achievement tests and school-wide assessments and to ensure maximum effort and achievement by all students taking such tests.

CREDIT REQUIREMENTS

LHS GRADUATION REQUIREMENTS

- 4 Credits English
 - 1 credit English I
 - 1 credit English II
 - 1 credit English III
 - 1 credit English IV

- 3 Credits Mathematics

- 3 Credits Science
 - 1 credit in Biology I
 - 2 credits in science electives

- 3 Credits Social Science
 - 1 credit World History
 - 1 credit U.S. History
 - ½ credit Civics
 - ½ credit elective

- 1 Credit Foreign Language, Music, Art, or Vocational

- ½ Credit of Physical Education per semester of attendance unless exempt according to state law*

- ½ Credit Health

- ½ Credit Consumer Education
 - Options also include Economics (may count as Consumer.Ed Credit and Social Studies Credit); Ag Business Management, and Adult Living.

- Pass the US & IL Constitution Exam

- Electives

Total: 28 Credits (Each Semester = ½ Credit)

**Special exceptions for PE exemptions can be found in the student handbook.*

COLLEGE ADMISSIONS REQUIREMENTS

- 4 Units English

- 3 Units Math

- 3 Units Lab Science

- 3 Units Social Studies

- 2 Foreign Language* (*Music, Art, or Vocational Sequence may be substituted at some colleges.)

Course requirements vary by institution. Students are encouraged to check with the specific college in order to learn specific requirements. Students interested in participating in college athletics should contact their coach or the guidance counselor for information regarding course and ACT requirements enforced by the NCAA clearinghouse.

Those tests include but are not limited to: PSAT 9, PSAT 10, PSAT/NMSQT, and SAT.

GRADING SCALE

- 90-100 A

- 80-89 B

- 70-79 C

- 60-69 D

- 0-59 F

WEIGHTED GRADES

Effective the 2004-2005 school year, several junior/senior classes became weighted. The following schedule will be used to calculate the grades to determine GPA for honor roll and class rank:

A	5.0
B	4.0
C	3.0
D	2.0
F	0

LHS COURSE OFFERINGS (with Grade Levels/Credits Earned)

Agriculture

Introduction to Agriculture (Gr.9-12/1.0)
Agricultural Science (Gr.10-12/1.0)
Horticulture (Gr. 10-12/1.0)
Agribusiness Management (Gr. 11-12/1.0)
Ag Communications & Leadership (Gr.11-12/1.0)
Global Agriculture (Gr.10-12/1.0)
Agriculture Computers & Technology (Gr.10-12/1.0)

Art

Introduction to Art (Gr.9-12/1.0)
Two-Dimensional Art (Gr.10-12/1.0)
Three-Dimensional Art (Gr.10-12/1.0)
Ceramics (Gr.11-12/0.5)
Painting (Gr.11-12/0.5)
Sculpture (Gr.11-12/0.5)
Drawing (Gr.11-12/0.5)
Advanced Art I (Gr.12/0.5)
Advanced Art II (Gr.12/0.5)

Business

Business Computer Applications (Gr.9-12/1.0)
Banking & Finance (Gr.10-12/0.5)
Accounting I (Gr.10-12/1.0)

WEIGHTED COURSES

Enriched English III	Economics
Enriched English IV	Spanish III
Advanced Math	Spanish IV
Calculus	Accounting II
Anatomy & Physiology	Advanced Art I
Biology II	Advanced Art II
Chemistry II	Advanced Band
Chemistry III	Advanced Choir
Physics	

*Graduation Requirement

Accounting II (Gr.11-12/1.0)
Consumer Business (Gr.11-12/0.5)*
Creating Entrepreneurial Opportunities (Gr.11-12/2.0)

Driver Education/Physical Education/Health

Driver Education (Gr.9-12/0.5)
Physical Education (Gr.9-12/1.0)*
Health (Gr.9-12/0.5)*

English

English I (Gr.9/1.0)*
English II (Gr.10/1.0)*
Enriched English II (Gr.10/1.0)
English III (Gr.11/1.0)*
Enriched English III (Gr.11/1.0)
English IV (Gr.12/1.0)*
Enriched English IV (Gr.12/1.0)
Creative Writing (Gr.9-12/0.5)
Drama (Gr.9-12/0.5)
Emerging Media (Gr.9-12/0.5)
Poetry (Gr.9-12/0.5)
Speech (Gr.11-12/0.5)
Themes in Literature (Gr.9-12/0.5)
Yearbook I (Gr.9-12/1.0)
Yearbook II (Gr.10-12/1.0)

Family & Consumer Science

Orientation to Family & Consumer Sciences (Gr.9-12/0.5)
Adult Living (Gr.11-12/0.5)
Child Development (Gr.11-12/0.5)
Foods & Nutrition (Gr.10-12/1.0)
Living Environment (Gr.11-12/0.5)
Parenting (Gr.11-12/0.5)
Human Growth & Development (Gr.10-12/1.0)
Foundations to Teaching (Gr.10-12/0.5)
Classroom Management 101 (Gr.10-12/0.5)
Diversity in Education (Gr.11-12/0.5)
Instructional Technology (Gr.11-12/0.5)

Foreign Language

Spanish I (Gr.9-12/1.0)
Spanish II (Gr.10-12/1.0)
Spanish III (Gr.11-12/1.0)
Spanish IV (Gr.12/1.0)

Health Occupations

Health Occupations I (Gr.11-12/2.0)

Industrial Arts

Introduction to Industrial Arts (Gr.9-12/1.0)
Beginning Automotive Services (Gr.10-12/1.0)
Welding I (Gr.10-12/0.5)
Welding II (Gr.10-12/0.5)
Beginning Construction (Gr.10-12/0.5)

Mathematics

Mathematics I (Gr.9/1.0)*
Mathematics II (Gr.10/1.0)
Enriched Math II (Gr.10/1.0)
Intermediate Math I (Gr.10-12/1.0)
Intermediate Math II (Gr.11-12/1.0)
Advanced Math (Gr.10-12/1.0)
Quantitative Literacy & Statistics (Gr.11-12/1.0)
Calculus (Gr.12/1.0)
Pre-Calculus (Gr.12/1.0)

Music

Band (Gr.9-12/1.0)
Advanced Band (Gr.12/1.0)
Choir (Gr.9-12/1.0)
Advanced Choir (Gr.12/1.0)

Science

Integrated Lab Science (Gr.9-12/1.0)
Science Inquiry (Gr.9-12/1.0)
DNA Decoded (Gr.9-12/1.0)
Biology I (Gr.9-12/1.0)*
Earth Science (Gr.10-12/1.0)
Chemistry I (Gr.10-12/1.0)
Biology II (Gr.11-12/1.0)
Chemistry II (Gr.11-12/1.0)
Anatomy & Physiology (Gr.11-12/1.0)
Physics (Gr.12/1.0)
Chemistry III (Gr.12/1.0)

Social Studies

World History (Gr.9-12/1.0)*
United States History (Gr.10-12/1.0)*
Civics (Gr.11-12/0.5)*
Modern World History (Gr.10-12/1.0)
Economics (Gr.11-12/1.0)
Psychology (Gr.11-12/0.5)
Sociology (Gr.11-12/0.5)
World Contemporary Issues (Gr.9-12/1.0)
World Geography (Gr.9-12/1.0)

Other Electives

Community Service & Career Exploration (Gr.11-12/0.5)
Cooperative Education (Gr.11-12/2.0)
Self-Management & Career Exploration (Gr.9-12/1.0)
STEP Work (Gr.11-12/1.0)
Online Dual Credit (Gr.11-12/0.5)
Firefighting Fundamentals (Gr.11-12/1.0)
Fire Science II (Gr.12/2.0)
Hazardous Materials (Gr.11-12/1.0)
Sports Officiating (Gr.10-12/1.0)

AGRICULTURE

Introduction to Agriculture

AGR N 101 (18001A001) G *Intro Ag.Industry**

Length: 2 Semesters Periods: 1

Grade: 9-12 Prerequisite: None

Introduction to Agriculture is a beginning course about many different aspects of the agricultural industry. Subjects covered during this course will include but are not limited to FFA, ag leadership, welding, small engines, crop science, companion animal science, production animal science, horticulture, electricity, record keeping, soil science, agriculture history, and agriculture careers. Computers are utilized through written reports and internet research. This class can benefit both students who are from an agricultural background as well as those who have no experience in ag.

Agricultural Science

AGR N 201A&B (18003A001) G *Basic Ag Science**

Length: 2 Semesters Periods: 1

Grade: 10-12 Prerequisite: Intro to Ag

Agricultural Science is a second-year course which explores the scientific nature of agriculture. Topics covered in this course may include Agri-science and its effects on how we live, careers, soil science, forestry, wildlife management, aquaculture, plant science, crop science, ornamental plants, genetics, animal science, small animal care and management, food science, and business opportunities in Agri-science. Hands-on experiments and projects will be utilized for many subject areas. This course may count towards a science credit requirement for graduation with permission from the guidance office.

Horticultural Production and Management

AGR N 303A&B (18051A001) G

Length: 2 Semesters Periods: 1

Grade: 10-12 Prerequisite: Intro to Ag
or 1 year of science

Horticulture Production and Management is designed for students interested in horticulture. The class gives a science-based approach to the different areas of horticulture and requires some math, reading, and scientific knowledge. Some of the areas include careers, plant physiology, plant anatomy, plant reproduction, greenhouse management, pest management, container plants, landscape design and construction, turf and grass management, vegetable production, small fruit production, large fruit production, and floral designs.

Agribusiness Management

AGR N 401A&B (18201A001) G *Ag. Business Mgt**

Length: 2 Semesters Periods: 1

Grade: 11-12 Prerequisites: Intro to
Ag and 1 other Ag
course, 2 years of math

Agribusiness Management is a course which focuses on the agriculture service industry, those businesses which supply goods and services to the production phase of agriculture. This course requires a great deal of math and reading. Topics covered may include agriculture history, agriculture's scope, new technology, business planning, business organization, cooperatives, financial and other types of recordkeeping, supply and demand, ag. finances, futures markets, marketing, financial analysis, and communications. This course will benefit students seeking future employment in the agriculture service industry or in any business management field. This course may count as the consumer business graduation requirement.

Agricultural Communications and Leadership

AGR N 404 A& B (18203A002) G

Length: 2 Semesters Periods: 1 Offered
Even-Numbered Years
Grade: 11-12 Prerequisite: Intro to Ag

This course is designed to provide students with the knowledge and leadership experiences to help them to become successful in life and in the workplace. Students will further enhance their potential for leadership development, personal growth, and career success. Students will analyze current agricultural issues and determine how they affect people on all sides of the issue. The students then learn and enhance their written and oral communication skills by presenting their views and opinions to the class. Students learn how to arrange and present debates, speeches, and interviews to be effective leaders in today's society. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Global Agriculture

AGR N 450 A&B (18204A002) G

Length: 2 semesters Periods: 1
Grade: 10-12 Prerequisite: Intro to Ag

This course will primarily focus on agriculture in developing countries and frame this focus within a discussion of contemporary crucial issues facing food, agriculture and natural resources on a global scale. The course will look at the impacts of geographic, political, economic, and social issues of a particular country or region and how that affects their agriculture and trade. This course will also examine the impacts that trade agreements have on other countries' agriculture. Specific emphasis will also be placed on debates concerning global hunger and food security. Participation in FFA student organization

activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Agriculture Computers and Technology

AGR N 475 A&B (18205A001)

Length: 2 semesters Periods: 1
Grade: 10-12 Prerequisite:
Intro to Ag

Agriculture Computers and Technology courses help students develop their knowledge and skills in using computers and other technology to operate and manage agricultural businesses. These courses allow students to use computer hardware, software, and the Internet to find information, record and analyze financial and production data, track market trends and economic forecasts, monitor weather, utilize global positioning systems, and prepare communications and reports. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Twin Rivers Course Name*

ART

Introduction to Art

ART N 1102 A&B (05154A000) G

Length: 2 Semesters Periods: 1
Grade: 9-12 Prerequisite: None

This course is designed to give students a background in many areas of visual art, including design, drawing, painting, sculpture, ceramics, and art history. This course prepares students who may go on to take other art classes and gives a wide background to those who take only one art class. Students may take Introduction to Art at any time during their high school careers, but it is a prerequisite for all other art classes.

dimensional compositions and how to expand their creativity based on their own ideas and interests. Various media will be used, including: wood, Plasticine, cardboard, wax, plaster, plastic, metal and found objects. Students will also explore the history of three-dimensional art and how art and society influence each other. Students must pass Introduction to Art and Three-Dimensional Art before taking this course.

Drawing

ART N 304 (05156A000) G

Length: 1 Semester Periods: 1
Grade: 11-12 Prerequisite: Intro to
Art & 2-D Art

This course expands student knowledge of various drawing media and techniques that were introduced in Two-Dimensional Art. Students will work independently, drawing the subjects of their choice. They will also have the opportunity to use a variety of media, including pencil, ink, colored pencil, chalk, and oil pastels. Students must pass Introduction to Art and Two-Dimensional Art before taking this course.

Advanced Art I

ART N 401 (05197A000) G Weighted

Length: 1 Semester Periods: 1
Grade: 12 Prerequisite: 6
Semesters of Art, C
or better in all
previous art courses

Advanced Art I and II are the final classes in the art curriculum. In order to take these courses, students must show a strong interest in art and be able to work independently. Students may explore a variety of media in drawing, painting, ceramics, sculpture, and graphic design. Through discussion with the teacher, students select most of their projects and work independently in the completion of those projects.

Advanced Art II

ART N 402 (05197A000) G Weighted

Length: 1 Semester Periods: 1
Grade: 12 Prerequisite:
Advanced Art I,
C or better in all
previous art courses

Students enrolled in Advanced Art II work independently on projects of their choice. With guidance from the teacher, students concentrate on their area(s) of interest. They may choose to draw, paint, sculpt, work in clay, or work on the computer. Those students who are interested in studying art in college will develop a portfolio in preparation for college admission.

At many universities, two years in art classes take the place of a foreign language or vocational education requirement for college admission.

BUSINESS

Accounting I

BUS N 301 A&B (12104A001) G *Acct. I**

Length: 2 Semesters Periods: 1
Grade: 10-12 Prerequisite: None

Accounting I is a basic introduction to the study of accounting principles and practices using automated accounting. The complete accounting cycle covering analyzing transactions, journalizing, posting, petty cash, financial statements, and adjusting and closing entries will be studied. Computerized applications will also be incorporated. The general journal method is used.

Accounting II

BUS N 401A&B (12104A002) G Weighted

*Acct. II**

Length: 2 Semesters

Periods: 1

Grade: 11-12

Prerequisite: Min.B

2nd Semester in

Accounting I

Accounting II expands on topics introduced in the first-year course while adding new topics about management accounting, cost accounting, not-for-profit accounting, and financial analysis. Accounting concepts are introduced using modern businesses to which students can relate.

Consumer Business

BUSN 403 (19262A000) G

Length: 1 Semester

Periods: 1

Grade: 11-12

Prerequisite: None

Consumer Business teaches the student to make wise decisions in the use of personal and economic resources. Students will learn about making rational buying decisions, their rights and responsibilities, banking and investing, how to purchase insurance, how to set up a budget, and how to apply and interview for a job. This course satisfies the consumer education graduation requirement.

Business Computer Applications

BUS N 101 A&B (10004A000) G

Length: 2 Semesters

Periods: 1

Grade: 9-12

Prerequisite: None

In Business Computer Applications courses, students expand their knowledge of and experience in the proper and efficient use of previously written software packages, particularly those used in business. Generally, these courses explore a wide range of applications including (but not limited to) word processing, spreadsheet, presentation, graphics, and database programs, and they may also cover topics such as electronic mail, desktop publishing, and telecommunications. Advanced

topics may include integrated software applications, including printed, electronic, and Web publications; computer maintenance activities; and website development.

Banking & Finance

BUS N 200 A&B (12101A001) G

Length: 1 semester

Periods: 1

Grade: 10-12

Prerequisite: None

Banking and Finance courses provide students with an overview of the American monetary and banking system as well as types of financial institutions and the services and products that they offer. Course content may include government regulations; checking, savings, and money market accounts; loans; investments; and negotiable instruments.

Creating Entrepreneurial Opportunities

BUS N 501 A& B (12053A001)

Length: 2 Semesters

Periods: 2

Grade: 11-12

Prerequisite:

Required Accuplacer

Scores, Application,

Interview

CEO is a year-long course designed to utilize partnerships that provide an overview of business development and processes. Our local business community partners with area schools to create project-based experiences for students by providing funding, expertise, meeting space, business tours and one-on-one mentoring. Students visit area businesses, learn from guest speakers, participate in a class business, write business plans, and start and operate their own businesses. Business concepts learned through the experiential CEO class are critical; the 21st Century skills of problem-solving, teamwork, self-motivation, responsibility, higher-order thinking, communication and inquiry are at the heart of a student's development throughout the course. Students may earn the following college credits:

FALL

Business 1101 Intro to Business

Entrepreneurship 1210 Intro to Entrepreneurship

SPRING

Entrepreneurship 1298 Entrepreneur Topics & Issues

Entrepreneurship 2210 Business Portfolio

**Twin Rivers Course Name*

DRIVER ED/HEALTH/PE

Driver Education

DRE N 103 (08152A000) G

Length: 1 Semester Periods: 1

Grade: 9-12 Prerequisite: Pass at least 8 classes during the previous 2 semesters

The driver education course will include the following: Detailed review of the Illinois Rules of the Road Handbook, detailed review of additional driver education and safety supplementary textbook and related resources, and detailed Illinois Driver's Permit Test preparation and examination completion. Classroom course completion requirements include a minimum 30 hours of Illinois Secretary of State mandated classroom seat time; preparation and successful completion of the Illinois Driver's Permit examination with passing designation; successful completion of all Driver Education supplementary classwork with a passing grade.

NOTE: "A" or "B" grade is required to qualify to attempt Cooperative Driver Testing Program road test with District 20/LHS Driver Education instructor.

NOTE: Successful completion of classroom Driver's Education portion will allow the student to progress to the Behind the Wheel portion of Driver's Education.

Behind the Wheel Course completion requirements include 6 hours of detailed Behind

the Wheel instruction and CDTP Road Test preparation and Testing - (if student has met the "A" or "B" requirement in the classroom portion).

NOTE: Chronic absence that results in students not completing the SOS mandated minimum 30 hours of classroom seat time will result in a failing designation and require repeating the classroom portion. There is no "excused" designation for excessive absences.

Driver Education does not count toward LHS District 20 Student GPA.

Health

HLT N 103 (08051A000) G

Length: 1 Semester Periods: 1

Grade: 9-12 Prerequisite: None

The health class presents a variety of topics selected to assist high school students in their understanding of how to become and stay healthy. The class stresses healthy choices and decision-making. A few of the topics included are the latest information on diseases, nutrition, violence prevention, drugs, and alcoholism.

Physical Education

PE N 101A&B (08001A000) G

Length: 2 Semesters Periods: 1

Grade: 9-12 Prerequisite: None

Physical Education is an integral part of the school curriculum. Among the many benefits of the program to students are increased physical fitness, improved general health, and greater social and emotional development.

Psychomotor, cognitive, and affective development are objectives of the physical education curriculum. Physical education is required by the State of Illinois as part of the student's daily schedule and is also a school graduation requirement unless exempt by law. Grades are based on participation and attitude, demonstration of skills, and performance on written tests. A physical education uniform is required.

ENGLISH

English I

ENG N 101 A&B (01001A000) G

Length: 2 Semesters Periods: 1
Grade: 9 Prerequisite: None

This course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and includes the four aspects of language use: reading, writing, speaking, and listening. This course introduces and defines various genres of literature, with writing exercises often linked to reading selections. (This class meets the computer literacy requirement of P.A. 101-3654.)

English II

ENG N 201 A&B (01002A001) G

Length: 2 Semesters Periods: 1
Grade: 10 Prerequisite: English I
 may be taken
 concurrently

The English II curriculum focuses on composition, literature and vocabulary. Grammar and basic sentence structure will be emphasized in this course. Students will learn to construct various types of essays including writing research papers using MLA format. The literature covered is focused on world literature that encompasses both classic and contemporary authors. Journal writing is required. (This class meets the writing intensive requirement of P.A. 94-0676 and computer literacy requirement P.A. 101-0654.)

Enriched English II

ENG N 205 A&B (01002A001) E

Length: 2 Semesters Periods: 1
Grade: 10 Prerequisite: A in
 English I or teacher
 Recommendation

The English II curriculum focuses on composition, literature and vocabulary. Grammar and basic sentence structure will be

emphasized in this course as students learn to construct various types of essays and journal responses. The literature focuses on both classic and contemporary authors as well as non-fiction reading to begin preparing for the SAT. (This class meets the writing intensive requirement of P.A. 94-0676 and computer literacy requirement P.A. 101-0654.)

English III

ENG N 301 A&B (01003A000) G

Length: 2 Semesters Periods: 1
Grade: 11 Prerequisite:
 English II;
 May be taken
 concurrently with
 Eng.I and/or II

The English III curriculum focuses on composition and American literature. Grammar and basic sentence structure will be emphasized in this course. Students will learn to construct various types of essays. The curriculum will also focus on writing research papers in MLA format. Journal writing is required. Strong emphasis is placed on improving comprehension and writing. (This class meets the writing intensive requirement of P.A. 94-0676 and computer literacy requirement P.A. 101-0654.)

Enriched English III

ENG N 305 A&B (01003A000) E Weighted

Length: 2 Semesters Periods: 1
Grade: 11 Prerequisite: B in
 Enriched English II
 or teacher rec.

Enriched English III Composition and Literature follows the Enriched English II curriculum. Throughout the course of two semesters, students in Enriched English III will integrate writing and vocabulary skills developed in earlier classes. The Enriched program seeks to provide a more in-depth study of the writing process through journal, reading response, compare/contrast, persuasive, research, and timed prompts. Vocabulary building and

grammar lessons are also regular fixtures in the course. Strong emphasis is placed on improving writing and comprehension skills necessary for the SAT exam. The Enriched English III reading list focuses entirely on American literature ranging from Colonial to Contemporary. (This class meets the writing intensive requirement of PA 94-0676 and computer literacy requirement 101-0654.)

English IV

ENG 401 A&B (01004A000) G

Length: 2 Semesters

Periods: 1

Grade: 12

Prerequisite: English I,II,III may be taken concurrently.

English IV is a culmination of the fundamentals of speech, creative writing, literature, and the components of Standard American English. Students will be expected to participate in public speaking (in the classroom), writing for both creative and technical purposes, and reading a variety of texts. (This class meets the writing intensive requirement of P.A. 94-0676 and computer literacy requirement 101-0654.)

Enriched English IV

ENG N 405A&B (01004A000) E Weighted

Length: 2 Semesters

Periods: 1

Grade: 12

Prerequisite: B or better in previous English courses, Speech (taken jr. year or concurrently 1st senior semester with minimum B)

Enriched English IV focuses extensively on the writing styles that will be required of college students and is designed for students who are college bound. Seniors will write the following types of essays: reflective, compare/contrast, cause/effect, persuasive, and problem/solution. Also covered is the development of the research paper, involving the use and analysis of various

sources, the synthesis of information, and documentation. Grammar and writing effectively are also covered. (This class meets the writing intensive requirement of P.A. 94-676 and computer literacy requirement 101-0654.)

ENGLISH ELECTIVES

Creative Writing

ENG N 1506 (01104A000)

Length: 1 Semester

Periods: 1

Grade: 11-12

Prerequisite: None

Through frequent writing exercises, this unconventional writing course will focus on creative expression and the craft of writing instead of solely concentrating on the technicalities of writing. Students will practice developing their unique writer's voice through characterization, dialogue, and narration in fiction and creative non-fiction. Writing is shared in a workshop atmosphere, critiqued, and discussed. Students will research contests and publishing opportunities and will compile a portfolio of original work by the end of the course.

Drama

ENG N 1503 (05055A000)

Length: 1 Semester

Periods: 1

Grade: 9-12

Prerequisite: None

This hands-on learning course introduces the basic principles of acting and character analysis. Through studying scripts, performing monologues, directing peers in a performance, and everyday improvisation activities, students will learn the fundamentals of voice and body control. Through cooperative learning and individual practice, students will gain poise and confidence as well as an appreciation for performing arts.

Emerging Media

ENG N 1501 (11056A000) G

Length: 1 Semester Periods: 1
Grade: 9-12 Prerequisite: None

This course provides students with the knowledge and skills to create, design, and produce interactive media products and services. The courses may emphasize the development of digitally generated and/or computer-enhanced media. Topics covered include social media, basic cinematography, advertising layout and design, and digital photography. (Enrollment limit of 15 students.)

Poetry

ENG N 1500 (01061A000) G

Length: 1 Semester Periods: 1
Grade: 9-12 Prerequisite: None

In this course, students will explore poetic form by examining classical and contemporary poems, and writing original poems. Students will be expected to discuss and write analyses of assigned readings on a weekly basis. Students will prepare and share original poetry compositions on a weekly basis. Assessment will be based on weekly response writings, discussion, original poems, various projects, and a final poetry portfolio. No enrollment limit.

Speech

ENG N 1504 (01152A000) G

Length: 1 Semester Periods: 1
Grade: 11- 12 Prerequisite: None

The goal of the speech course is to enable the student to understand and apply speech principles. Students will learn how to plan, prepare, rehearse, and present several types of speeches, such as impromptu, informative, persuasive, demonstration, and debate. Students may take speech and English III or English IV concurrently. Effective 2021-2022 school year, speech will be a prerequisite for Enriched English IV (those taking Enriched English IV concurrently must take speech first semester and

must earn a minimum of a B to remain in Enriched English IV second semester).

Themes in Literature

ENG N 1503 (01053A000) G

Length: 1 Semester Periods: 1
Grade: 9-12 Prerequisite: None

Throughout the course of this term, students will read selections representing a variety of genres and author backgrounds. The emphasis of this course will be on themes and how they are treated in each work. Sample themes that will be explored include the quest of a hero, identity, rules and order, and happiness and dissatisfaction. Thoughtful discussion is pertinent to this class. Students will research context and authors of literary works, critique style and delivery of the message, and reflect thoroughly on the works we examine.

Yearbook I

ENG 1700 A&B (11104A000) G

Length: 2 semesters Periods: 1
Grade: 9-12 Prerequisite: None

This class is designed to provide students with the journalism skills and the ability to apply those skills to the actual production of the *Lawrencean*, Lawrenceville High School's annual yearbook. The course will focus on the basics of journalism including writing, design, photography, sales, and ethical and legal issues that arise in publications. Grades will consist mainly of class projects, worksheets, quizzes, and participation. Students will be expected to set aside additional time (outside of class) to complete assignments, take pictures at school events, and interview students. All students enrolled in Yearbook I will be placed in the instructor's academic support.

Yearbook II

ENG 1800 A&B (11104A001) G

Length: 2 semesters Periods: 1

Grade: 10-12 Prerequisite: Journalism
(SY 2023-24),
Yearbook I

This class is designed to give students the experience of decision-making on yearbook production. Students will be assigned editorial spots based on their performance in Yearbook I. Grades will be determined by tasks completed, quality of tasks, ad sales, layouts, weekly coverage, creative skills, leadership ability, and participation. Students will be expected to set aside additional time (outside of class) each week for coverage, interviews, and sales. Students must be very self-motivated and remain in contact with the instructor for feedback. All students enrolled in Yearbook II will also be placed in the instructor's academic support.

FAMILY & CONSUMER SCIENCE

Orientation to Family & Consumer Sciences

FCS N 101 A (19251A001) G *Intro.to Family
Cons Sci Careers **

Length: 1 Semester Periods: 1

Grade: 9-12 Prerequisite: None

Orientation to Family and Consumer Sciences introduces the students to the FACS spectrum and independent living skills. Included in the course are units on cleaning, organizing and home management, laundry and fabric care, basic cooking skills, kitchen math and measuring skills, personal nutrition, modern etiquette, basic hand sewing and cloth mending.

Adult Living

FCS N 403 (19259A001) *Work & Family
Relationships**

Length: 1 Semester Periods: 1 (Odd-
numbered years)

Grade: 11-12 Prerequisite:
Orientation to Home Ec

Adult Living gives students the opportunity to develop skills necessary for life on their own after high school. Course curriculum includes units on career selection, securing a job, checking accounts, budgeting, family relationships, and self-care. This course fulfills the consumer business graduation requirement.

Child Development

FCS N 204 (19052A001) *Child Dev &
Parenting**

Length: 1 Semester Periods: 1(Even-
numbered years)

Grade: 11-12 Prerequisite:
Orientation to Home Ec

Child Development introduces the student to an in-depth study of pregnancy, human growth and development with units covering preventing pregnancy, the science and development of fetus and mother during pregnancy variables in human development, newborn and infant feeding and care, and early childhood safety and care.

Foods & Nutrition

FCS N 201 (16054A001) *Nutrition & Culinary
Arts I**

Length: 2 Semesters Periods: 1

Grade: 10-12 Prerequisite:
Orientation to Home Ec

Foods and Nutrition introduces the students to a more in-depth study of nutrition and the body. The course informs the students of elements of food choice and develops skills in food selection and preparation.

Living Environments

FCS N 303 (19263A000) *Home Environments & Design**

Length: 1 Semester Periods: 1 (Odd-numbered years)
Grade: 11-12 Prerequisite:
Orientation to Home Ec

Living Environments allows students the opportunity to explore the various facets of securing a home. Students study housing styles, design terminology, and consumer aspects of securing and maintaining a home.

Parenting

FCS 203 (19052A001) *Parenting**

Length: 1 Semester Periods: 1 (Even-numbered years)
Grade: 11-12 Prerequisite:
Orientation to Home Ec

The Parenting class is designed to familiarize students with the various aspects of parenting, including birth, child safety, nutrition, and child care. Students receive hands-on experience with “Real Care Infant Simulator”.

**Twin Rivers Course Name*

Human Growth & Development

FCS 500 N (19261A001) G

Length: 2 semesters Periods: 1
Grade: 10-12 Prerequisite:
Orientation to FACS

This course focuses on the development and wellness of individuals and families throughout the life cycle. Topics include human development and wellness theories, principles, and practices; life cycle expectations and issues, including biological, physiological, social, and psychological needs and concerns of aging adults; community services, agencies, and resources; roles, responsibilities, and functions of families, family members and caregivers; family issues, including ethics, human worth and dignity, change, stress, neglect and abuse, and care of the care-giver; individual and family

wellness planning; and fostering intergenerational relationships. Information on a variety of human and family services careers is incorporated throughout the course.

Foundations to Teaching

FCS 600 (19151A001)

Length: 1 semester Periods: 1
Grade: 10-12 Prerequisite: None

This course introduces students to the principles underlying teaching and learning, responsibilities and duties of teachers, and strategies and techniques to deliver knowledge and information. A combination of classroom and field experiences will enable the student to gain skilled knowledge and understanding of the education profession. Course content includes projects to develop an understanding of the learner and the learning process, instructional planning, the learning environment, assessment and instructional strategies, career opportunities in the field of education, and Illinois regulations and licensing requirements.

Classroom Management 101

FCS 610 (19154A001)

Length: 1 semester Periods: 1
Grade: 10-12 Prerequisite:
Foundations to Teaching

This course presents best practices in classroom and behavior management. Topics will include: organizing time, instruction, materials, and classroom space; strategies for managing individual and large group student behaviors; developing relationships with students, staff, and parents; managing transitions, lab activities, and other arrangements for classrooms in general and special education.

Diversity in Education

FCS 620 (19154A002) G

Length: 1 semester

Periods:1

Grade: 11-12

Prerequisite:

Foundations to

Teaching; Classroom

Management 101

This course prepares future teachers to effectively serve and teach children from diverse backgrounds. The course topics could include: methods of creating an environment of respect and rapport; recognizing the need for cultural competence to support all students for success; acknowledging, responding to, and celebrating diverse cultures; identifying, reflecting on, and countering students' own identities and implicit biases; and teaching students to recognize their own agency and develop the needed skills to advocate effectively within a school community.

Instructional Technology

FCS 630 (19155A001)

Length: 1 semester

Periods: 1

Grade: 11-12

Prerequisite: Diversity
in Education

This course addresses the implementation of technical devices and processes that are used to improve and facilitate learning. Content includes but is not limited to productivity tools, interactive multimedia, communications, educational software and hardware, instructional applications, and ethical, legal, social, and professional issues.

FOREIGN LANGUAGE

Spanish I

SPA N 101 A&B (06101A000) G

Length: 2 Semesters

Periods: 1

Grade: 9- 12

Prerequisite: C or
better in English I

Spanish I is an introductory course to the Spanish language, customs, and civilization. This course will enable students to reach a measurable degree of proficiency in each of the

four language skills: listening, speaking, reading, and writing. Grades are based on participation, reading, quizzes, chapter and unit tests

Spanish II

SPA N 201 A&B (24053A000) G

Length: 2 Semesters

Periods: 1

Grade: 10-12

Prerequisite: C or
better in Spanish I

Spanish II is an intermediate course in the Spanish language, customs and civilization of the Spanish-speaking world. This is a more intensive study in the four language skills. Grades are based on participation, reading, quizzes, chapter and unit tests, vocabulary quizzes and tests.

Spanish III

SPA N 301 A&B (24054A000) E Weighted

Length: 2 Semesters

Periods: 1

Grade: 11-12

Prerequisite: C or
better in Spanish II

Given the expectation of an advanced Spanish course, the student's prior grammar and language arts performance will be considered. Performance in core language arts has a direct correlation to potential for success in advanced foreign language. Spanish 3 is a college/university prep level course as opposed to the introductory/intermediate focus of Spanish I and II.

In addition, a Level 3 foreign language course brings in an independent study aspect. The student's ability to take initiative and work independently is not only an expectation, but a requirement. At this level as opposed to introductory/intermediate courses (Spanish I or II), it is assumed the student not only has the prerequisite language and grammar skills, but also the ability to complete assignments and projects independently with the instructor functioning as facilitator. In this situation, the

who fall below the attendance requirement will not be eligible to take the Illinois Nurse Aide Certification Exam (INACE) at the conclusion of the course, making attendance and punctuality crucial for success in this course. Students must maintain good academic standing to take the INACE, scoring no less than an 80% each semester. Clinical rotations are also required by IDPH, meaning students will be responsible for providing clinical uniforms (scrubs, shoes, watch, etc.), and will regularly be working in local healthcare facilities to care for elderly and to gain clinical skills, confidence, and experience. While completing the curriculum to become CNAs, students will have the opportunity to hear from other healthcare professionals and tour other healthcare facilities to broaden their knowledge of what career opportunities are available within the healthcare field.

**Twin Rivers Course Name*

INDUSTRIAL ARTS

Introduction to Industrial Arts

IND N 101 A&B (13303A000)

Length: 2 semesters Periods: 1
Grade: 9 - 12 Prerequisite: None

This course introduces students to the tools and equipment that they may encounter in woodworking and metalworking and enables them to develop the skills they need to use these tools in various applications. Course topics typically include (but are not limited to) planning and design, materials properties and testing, and basic materials processing. These courses typically cover general safety and career exploration as well.

Welding I

IND N 210 (13207A001) G

Length: 1 semester Periods: 1
Grade: 10-12 Prerequisite:
Intro to Industrial
Arts or Intro to Ag

This course assists students in gaining the knowledge and developing the basic skills needed to be successful in welding technology. Units of instruction include arc, TIG and MIG welding, metallurgy, cutting metal using arc, plasma, and oxy-gas. In addition, students learn the basics of blueprint reading, precision measuring, layout, and production process planning.

Welding II

IND 220 (13207A002) G

Length: 1 semester Periods: 1
Grade: 10-12 Prerequisite: Welding I

This course builds on the skills and concepts introduced in Welding I and provides more in-depth skill development in various types of welding including horizontal, vertical, overhead, and circular techniques. Students also explore the use of robotic and automated production welding.

Beginning Construction

IND 300 (17001A001) G

Length: 1 semester Periods: 1
Grade: 10-12 Prerequisite: None

This course is designed to foster an awareness and understanding of construction technology. Through a variety of learning activities, students are exposed to many career opportunities in the production field. Students will be exposed to product design, materials and processes, tools and equipment, procedures, site preparation, foundations, building structures, installing utilities, and finishing and servicing structures. (A shop safety test must be passed in order to earn shop privileges. Be advised: Misconduct in the shop can result in removal from the course.)

Beginning Automotive Services

IND 350 A&B (20106A001) G

Length: 2 semesters Periods: 1
Grade: 10-12 Prerequisite:
Introduction to
Industrial Arts or
Intro to Ag

The Beginning Automotive Service course emphasizes preventative auto maintenance and

automobile troubleshooting. Course content typically includes tune-up, oil change, and lubrication skills; tire replacement, alignment, and balancing; and basic knowledge of brake, cooling, electrical, emission, fuel, ignition, steering, suspension, and transmission systems.

triangles/trigonometry, probability, and circle geometry. The students learn to apply these concepts to real world situations. This class will work at a faster pace and may cover material more in depth. (This course meets P.A. 94-0676(SB575 Algebra I.)

MATHEMATICS

Mathematics I

MTH N 1101 A&B (02062A000) G

Length: 2 Semesters Periods: 1
Grade: 9 Prerequisite: None

Mathematics I focuses on mathematical concepts such as signed numbers, fractions, decimals, estimation, etc. This course also covers algebra concepts such as solving linear equations, graphing lines and writing linear equations. This course will also integrate geometry concepts such as triangle and parallel line properties and proofs (This course meets P.A.94-0676(SB575) Geometry Concepts).

Mathematics II

MTH N 1205 A&B (02063A000) G

Length: 2 Semesters Periods: 1
Grade: 10- 12 Prerequisite: Math I

Mathematics II is the study of absolute value equations, rational exponents, quadratics, similar figures/dilation, volume, right triangles/trigonometry, probability, and circle geometry. The students learn to apply these concepts to real world situations. (This course meets P.A. 94-0676(SB575 Algebra I.)

Enriched Math II

MTH N 1210 A&B (02063A000) E

Length: 2 Semesters Periods: 1
Grade: 10 Prerequisite: B or better in Math I;
Teacher Rec.

Enriched Mathematics II is the study of absolute value equations, rational exponents, quadratics, similar figures/dilation, volume, right

Intermediate Math I

MTH N 210 A&B (02054A000) G

Length: 2 semesters Periods: 1
Grade: 10- 12 Prerequisite: Math I and
Teacher Rec.

This class is designed to serve as a bridge between Math I and Math II. This course covers algebra concepts such as solving linear equations and inequalities, graphing lines, writing linear equations, systems of linear equations and inequalities, distance, and midpoint. This course also covers exponent rules, radical rules, and introduces quadratics.

Intermediate Math II

MTH N 310 A&B (02055A000) G

Length: 2 semesters Periods:1
Grade: 11-12 Prerequisite: Math II
and Teacher Rec.

This class is designed to serve as a bridge between Math II and Advanced Math. Topics covered in this course include: properties and operations of whole numbers, integers, rational numbers and real numbers; operations with polynomials, including factoring; operations with algebraic fractions; exponents, roots, radicals and complex numbers; solving first-degree equations and inequalities; quadratic equations; functions; graphing; systems of equations and inequalities. This course meets P.A. 94-0676(SB575Algebra I.)

Advanced Math

MTH N 1204 A&B (02064A000) Weighted

Length: 2 Semesters Periods: 1
Grade: 10-12 Prerequisite: Math II
or Enriched Math II

Advanced Math teaches 3-dimensional geometry, geometric proofs, sequences & series, logarithms and exponential functions, polynomial functions, rational and radical functions, basic statistics and trigonometry. The course also applies these topics to real-life situations and connects topics to other subjects.

Quantitative Literacy and Statistics Math

MTH N 410 A&B (02201A0001) G

Length: 2 semesters Periods: 1
Grade: 11-12 Prerequisite:
Teacher Rec.

Math course framework designed to prepare and transition students directly into college and career pathways requiring general education college level math competencies in quantitative literacy and statistics. The competencies within each domain should include, but are not limited to: numeracy (operation sense, estimation, measurement, quantitative reasoning, basic statistics, and mathematical summaries), application based algebraic topics, and functions and modeling. Upon completion students should be able to: demonstrate proficiency and understanding in basic numeracy competencies in whole numbers, integers, fractions, and decimals, use estimation and explain/justify estimates, apply quantitative reasoning to solve problems involving quantities or rates, use mathematical summaries of data such as mean, median, and mode, use and apply algebraic reasoning as one of multiple problem-solving tools, and use functions and modeling processes. Course to be delivered through authentic application, problem-based instruction designed to build mathematical conceptual understanding and critical thinking skills.

Calculus

MTH 403 A&B (02121A000) E Weighted

Length: 2 semesters Periods: 1
Grade: 12 Prerequisite: A
or B in
Advanced Math
III

Topics to be covered include polynomial calculus including limits, derivatives and integrals of algebraic and trigonometric functions, area beneath a curve, and evaluating definite integrals. Graphing calculators will be used when appropriate.

Pre-Calculus

MTH 1400 A&B (02110A000) E Weighted

Length: 2 semesters Periods: 1
Grade: 12 Prerequisite: A/B
in Advanced
Math

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. *This class counts as dual credit for MTH 1102 (first semester) and MTH 1105 (second semester).*

MUSIC

Band

MUS N 101 A&B (05101A000) G

Length: 2 Semesters Periods: 1
Grade: 9-12 Prerequisite: 8th Grade
Band or permission of
Instructor

Band is a class in which students learn their individual band instrument and techniques of performance and rehearsal in a large group. Students learn basic music theory, history and performance in accordance with the Illinois Learning Standards. Grades are determined by attendance, written and performance exams, and overall musicianship. First semester band students may be exempt from physical education requirements for being in the marching band.

Advanced Band

MUS N 107 A&B (05101A000) E Weighted

Length: 2 Semesters Periods: 1
Grade: 12 Prerequisite: 3 years
of high school band

Band is a class in which students learn their individual band instrument and techniques of performance and rehearsal in a large group. Students learn basic music theory, history and performance in accordance with the Illinois Learning Standards. Grades are determined by attendance, written and performance exams, and overall musicianship. First semester band students may be exempt from physical education requirements for being in the marching band.

Choir

MUS N 103 A&B (05110A000) G

Length: 2 Semesters Periods: 1
Grade: 9-12 Prerequisite: Teacher
Rec.

Choir is primarily a performance ensemble, but students are also required to begin to have a basic knowledge of reading music, and increase that knowledge throughout their time in the class. There are typically 2 required performances per semester. These performances are considered test grades for the course. Student reflections and music theory assignments will be due every week. Students will not be required to sing alone in front of the class, but will be asked to make vocal recordings for assignments.

Advanced Choir

MUS N 109 A&B (05110A000) E Weighted

Length: 2 Semesters Periods: 1
Grades: 12 Prerequisite: 3 years
of high school choir

Advanced Choir requires more solo performance experiences to students who take the course. Students will be required to participate in 2 of the following opportunities: Millikin Vocal Fest and take a voice lesson if they are accepted, ILMEA Auditions, or Solo and Ensemble. There are typically 2 required ensemble performances per semester. These performances are considered test grades for the course. Student reflections and music theory assignments will be due every week. Music theory assignments will be at a much more advanced level, mainly geared toward students interested in taking collegiate-level music courses. Students will not be required to sing alone in front of the class, but may be asked to make vocal recordings for assignments.

SCIENCE

Integrated Lab Science

SCI N 105 A&B (03201A000) G

Length: 2 Semesters Periods: 1

Grade: 9-12 Prerequisite: Teacher
Rec., 8th Grade Science,
HS Biology I Teacher

Integrated Lab Science provides an introduction to the major concepts in the sciences of chemistry physics, biology, astronomy, and geology. Students study several different branches within each field. They also study how each of these fields of science benefit mankind.

Science Inquiry

SCI N 101 A&B (03204A000) G

Length: 2 Semesters Periods:1

Grade: 9-12 Prerequisite: None

This course emphasizes the process of science. Scientific process and experimentation will be emphasized. Students will develop their skills in developing hypotheses and experimental design. Data representation will be an emphasis as well. Students will create graphical representations of their data and articulate their underlying meaning. Scientific reading will also be emphasized.

Chemistry I

SCI N 203 A&B (03101A000) G

Length: 2 Semesters Periods: 1

Grade: 10- 12 Prerequisite: C in
Biology 1 and Math 1
or Teacher Rec.

Chemistry I is the next class in the standard sequence after Biology I for most college-bound students and serves as a prerequisite for all of the advanced science courses. Chemistry I explores the basic interactions of matter, including the mathematical descriptions of these interactions. Topics include the atomic structure of matter, chemical bonding and chemical

reactions, along with introduction to various lab techniques.

Chemistry II

SCI N 303 A&B (03102A000) E Weighted

Length: 2 Semesters Periods: 1

Grade: 11-12 Prerequisite: Chemistry I

This course covers atomic structure including the development of the atomic model, the quantum mechanical nature of electrons, the corresponding structure of the periodic table, bonding and naming compounds, mole concept, chemical structures, kinetic theory of solids, liquids and gases, solutions, acids and bases, chemical kinetics, organic chemistry, redox reactions, and thermochemistry

Chemistry III

SCI N 406 A&B (03147A000) E Weighted

Length: 2 Semesters Periods:1

Grade: 12 Prerequisite: A in
Chem II and/or Teacher
Rec.

Chemistry III is offered only to very advanced students who have demonstrated a mastery of fundamental chemistry concepts. Class presumes that the student has mastered the skills of Chemistry I and Chemistry II. Class will be offered concurrent with another class that the instructor will be devoting most of the class time to. The instructor will offer guidance and feedback digitally and as much as possible during the other class. Students must be very self-motivated and remain in contact with the instructor for feedback via digital communications. Topics covered will include organic chemistry, advanced topics in equilibrium, redox reactions, kinetics and thermodynamics. Lab work will include qualitative and quantitative analysis.

Physics

SCI N 403 A&B (03151A000) E Weighted
 Length: 2 Semesters Periods: 1
 Grade: 12 Prerequisite:
 Advanced Math

Physics is a lab course that investigates topics such as motion, energy, forces, and light and sound waves. The course also explores the mathematical relationships between matter, energy, and motions.

Biology I

SCI 201 A&B (03051A000) G
 Length: 2 Semesters Periods: 1
 Grade: 9-12 Prerequisite: Teacher
 Rec.

Biology I students explore biology as a science. Included are problem solving methods in biology, ecology, cell biology, genetics, biotechnology, classification and taxonomy, and a survey of the six kingdoms. Biology I is a graduation requirement.

Biology II

SCI N 301 A&B (03052A000) E Weighted
 Length: 2 Semesters Periods: 1
 Grade: 11-12 Prerequisite: Must pass
 both semesters of Bio I
 Chem I with min C

This is an advanced study course that covers biological systems in more detail. Topics included are bacteria, viruses, protist, fungi, plants, invertebrates, evolution, and Charles Darwin. Subtopics such as botany, zoology, genetics along with ecology and environmental problems such as overpopulation and pollution may be studied.

Anatomy and Physiology

SCI N 401 A&B (03053A000) E Weighted
 Length: 2 Semesters Periods: 1
 Grade: 11-12 Prerequisite: Must pass
 both semesters of Bio I
 Chem I with min C

Anatomy and Physiology uses the textbook Human Anatomy and Physiology to explore the various aspects of the human body. Students study tissues and all organ systems, partially supported by the dissection of a rat and other laboratory activities.

DNA Decoded

SCI N 1507 A&B (03059A000) G
 Length: 2 Semesters Periods:1
 Grades:9-12 Prerequisite: None

This course provides students with an understanding of general concepts concerning genes, heredity, and variation of organisms. Course topics typically include chromosomes, the structure of DNA and RNA molecules, and dominant and recessive inheritance and may also include lethal alleles, epistasis and hypostasis, and polygenic inheritance.

Earth Science

SCI N 1504 A&B (03001A000) G
 Length: 2 Semesters Periods:1
 Grades:10-12 Prerequisite: Pass Bio I

This course offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, this course explores oceanography, geology, astronomy, meteorology, and geography.

SOCIAL STUDIES

World History

SOC N 103 A&B (04052A000) G

Length: 2 Semesters Periods: 1
Grade: 9-12 Prerequisite: None

Our world is an ever-changing platform where peoples, countries, and cultures constantly react with each other. World History explores the past centuries while keeping an eye on current events to understand the complexities of today. Geography plays an important role in the events of today. Natural resources, environmental concerns, and weather influence the way people live and work and how countries get along. World History, with its focus on people and developing systems of life, along with the interaction of geography, helps students understand the world as it is today. World History is a graduation requirement.

United States History

SOC N 201 A&B (04101A000) G

Length: 2 Semesters Periods: 1
Grade: 10-12 Prerequisite: None

United States History studies events from the American Revolutionary period through the present. Students will study the impact of historical events on people, as well as the impact people have had on historical events. The course focuses on primary general, historical concepts and applying them to specific historical content throughout the United States' history. Elements including political ideologies, socio political beliefs, and cultural practices are covered. The coursework not only covers United States history at large, but makes direct links to Illinois State history in relevant content and context. U.S. History is a graduation requirement.

Civics

SOC N 301 (04160A000) G

Length: 1 Semester Periods: 1
Grade Level: 11-12 Prerequisite: None

Civics develops students' knowledge of government at all levels, as well as an understanding of their role as citizens within a democratic society. The course centers on a study of the United States Constitution and the Illinois Constitution.

In order to graduate, a student must pass both the course and the Constitution exam.

** Transfer students who have passed the constitution exams are exempt from this course requirement.

SOCIAL STUDIES ELECTIVES

Economics

SOC N 1403 A&B (04201A000) E Weighted

Length: 2 Semesters Periods: 1
Grade: 11-12 Prerequisite: Min. B
in U.S. History

This course focuses on the economy of the United States and how it affects its citizens and the world as a whole. This course utilizes class discussions, readings, graphs and charts, group projects, study guides, and writings. This class satisfies the consumer education graduation requirement.

Psychology

SOC N 402 (04254A000) G

Length: 1 Semester Periods: 1
Grade: 11-12 Prerequisite: Min. C
in U.S. History

Psychology is the study of the behavior of the individual. Students learn the science of psychology, the biological basis of behavior, states of consciousness, lifespan development, learning, personality, and psychological disorders. Also included is the study of the

different branches of psychology and the contributions of key people in psychology.

Sociology

SOC N 401 (04258A000) G

Length: 1 Semester Periods: 1
Grade Level: 11-12 Prerequisite: Min. C
in U.S. History

Sociology is the study of group behavior. Students compare the cultures and behavior of different societies around the world with our own culture and behavior. Students will explore our own culture and study the behavior of different groups within the United States.

Modern World History

SOC N 1305 A&B (04053A000) G

Length: 2 Semesters Periods: 1
Grade: 10-12 Prerequisite: Min.C
in World and U.S.
History

The Modern World History course is designed to encourage discussion about how our world has been shaped socially, politically, religiously, and culturally. The course covers from 1914 to the present, highlighting major events and people who have caused significant change around the world. During the semester, students will be expected to take class notes, to participate in discussions by contributing or asking questions, and to write independently on related prompts.

World Geography

SOC N 1205 A&B (04001A000) G

Length: 2 Semesters Periods: 1
Grade: 9-12 Prerequisite: None

World Geography encompasses cultural aspects of the geography regime focusing on the primary geographical concepts and applying them to specific cultures throughout the world. Elements including political ideologies, socio political beliefs, and unique cultural practices are covered. Current situations of the world's major cultural regions are also discussed. In addition, a

focus on land navigation, map reading and general cartography and related tools takes place in the course of the school year.

World Contemporary Issues

SOC N 1204 A&B (04064A000) G

Length: 1 or 2 Semesters Periods: 1
Grade: 9-12 Prerequisite: None

World Contemporary Issues is the study of current social, economic, and political topics. The course will cover how these areas of society have impacted or have been impacted energy, technology, health, education, immigration, human rights, nuclear and biological weapons, international trade, agricultural production, and the world debt crisis. Disclaimer: This class is not just about watching and discussing the evening news. News will be discussed daily, but there will also be investigation of historical issues and precedents that are still seen in today's world. *This class will only be offered during U.S. Presidential election years.*

OTHER ELECTIVES

Community Service/Career Exploration

Elect N 1400 A&B (22151A001) G

Length: 1 or 2 Semesters Periods: 1
Grade: 11-12 Prerequisite:
Application

The Community Service/ Career Exploration course provides students with work experience in a field related to their interests and/or an opportunity to volunteer in the community. Goals are typically set cooperatively by the student, teacher, and site supervisor. This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace or volunteer site. This course does not count in GPA calculation.

Cooperative Education CTE Course

Elect N 100 A&B (22153A001) G

Length: 2 Semesters Periods:1
Grade: 11-12 Prerequisite: Intro CTE
Class, Application, &
Interview

Cooperative Education is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. For skills related to the job, refer to the skill development course sequences, the task list or related occupational skill standards of the desired occupational program. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations.

Self-Management & Career Exploration

Elect N 500 A&B (22207A000) G

Length: 2 Semesters Periods:1
Grade:9-12 Prerequisite: None

This course introduces students to the skills and strategies helpful in becoming more focused, productive individuals. This course may emphasize goal-setting; decision-making;

managing time, energy, and stress; and identifying alternatives and coping strategies. Students will also explore various career opportunities.

STEP WORK I &II

Elect N 300 A&B (22998A000) R

Length: 2 Semesters Periods: 1 or 2
Grade:11-12 Prerequisite:
Individual
Education Plan
& Application

This Workplace Experience course provides students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

will be taught include: limits of drone use, airspace, weather, safety protocols, and mission planning. After successful completion of Unmanned Aerial Pilot I, students will be prepared to sit for the FAA 60 question

On -Line Dual Credit/Wabash Valley Community College

Length: 1 Semester Periods: 1
Grades: 11-12 Prerequisite:
Qualifying SAT,
Accuplacer Score
or EV Form

Lawrenceville High School will be offering online dual credit courses in conjunction with the Illinois Eastern Community Colleges. Students will be scheduled a block of time dedicated to work on the course. Students must meet required Accuplacer score requirements and prerequisites prior to enrollment. Students are responsible for obtaining the textbook and any other required materials prior to day one of the semester.

Students should contact the bookstore of the campus which offers the course to determine necessary supplies. Once a student enrolls in a class and maintains enrollment through the 10-day enrollment period, FCC will generate an invoice for the \$40 (per credit hour) Dual Credit Fee.

A list of courses is available in the guidance office

School within School

School within School (SWIS) is a credit recovery program that utilizes the Odyssey online curriculum. Students are referred to the program by the counseling office.

Firefighting Fundamentals

Elect N 600 A&B (151152A001) G

Length: 2 semesters

Periods: 1

Grade: 11-12

Prerequisite:
Minimum 16
years of age

This course is designed to provide students with the skills needed to prevent and extinguish fires, maintain and repair fire service-related equipment, provide basic emergency medical treatment, and prepare public service information concerning fires and hazardous materials. Instruction includes the physical characteristics of fire as well as general safety practices, basic fire behavior, and extinguishing principles. Students learn rescue and extrication procedures, types and use of ground ladders, proper ventilation techniques, and appropriate use of various water supply systems, and how to use ropes and tie knots. Students also learn basic emergency medical techniques and practices which include medical legal considerations, terminology, airway management, patient assessment and transportation, and emergency treatment. Students will complete the 40-Hour First Responder course.

Fire Science II

Elect N 700 A&B (15152A002) G

Length: 2 semesters

Periods: 2

Grade: 12

Pre-requisite:
Firefighting
Fundamentals

This course builds on the concepts and skills introduced in Firefighting Fundamentals. Instruction is provided in the use of fire hoses, controlling property loss along with fire control techniques, detection systems, and prevention practices. Instruction includes communication procedures, procedures for operating emergency vehicles, maintaining fire-related equipment and vehicles, and securing and protecting evidence. Students may learn procedures for treating poisonings and allergic reactions, environmental emergencies, and hazardous waste removal, as well as how to treat soft tissue, musculoskeletal, and head and spine injuries. *Dual Credit.*

Hazardous Materials

Elect N 550 A&B (15101A001) G

Length: 2 semesters

Periods: 1

Grade: 11-12

Prerequisite: None

This course introduces students to the field of public safety and extends their knowledge and skills pertaining to safety in the workplace and the community. It was designed to provide hazardous awareness training in regards to notification procedures, local emergency response plans, hazardous material identification classes and their hazards. Topics include discussed will include related legislative requirements and industry standards, specific chemical and physical properties related to hazardous materials contents and containers, relevant physical and health hazards, as well as incident command and safety best-practices. *Dual Credit.*

Sports Officiating

Elect N 1200 N (08019A000) G

Length: 2 semesters

Periods: 1

Grade: 10-12

Prerequisite:

Must be at least
15 years old

Officiating courses provide students with the knowledge, skills, and abilities to serve as a referee, umpire, judge, or other official for a sports contest, emphasizing rule interpretation and the proper mechanics of officiating.