

2025-2026 LANCASTER HIGH SCHOOL COURSE GUIDE



Lancaster High School
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<https://lhs.lancasterschools.org/>



Message from the Principal

One of the most important decisions you will make as a student will be the selection of the courses you will take in high school. The variety of course offerings and their degree of difficulty, electives, required courses, as well as completion of a chosen sequence will all have a definite impact on your educational goals. As we prepare students for life after Lancaster, we expect that you challenge yourself and take full advantage of your potential to succeed. Regardless of your planned academic outcome, you are making choices that may forever shape your opportunities in the future.

The extensive course offerings contained in this Guide provide an opportunity for you to explore, aspire, and challenge your interests and talents. Examine these carefully before deciding what is best for you. Please know that once your schedule is finalized it is difficult to have it changed. Your final schedule will be your year-long commitment to the courses you selected.

Our administrators, counselors, and teachers stand ready to assist you in any way to make your time at Lancaster High School a rewarding and treasured educational experience. Please feel free to contact us for assistance. Good luck with your planning.

Mr. Michael Candella
Principal



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Course Selection Process

Student course selections must be finalized by June 1.

**IT IS EXPECTED THAT STUDENTS WILL SUSTAIN 6 ACADEMIC PERIODS
AND PHYSICAL EDUCATION WITHIN THEIR SCHEDULES FOR EACH SEMESTER.**

- ▶ Course offerings are subject to changes or cancellations based on student enrollment.
- ▶ Students are encouraged to select alternates for all courses chosen during the schedule request process.
- ▶ All policies contained in this Guide can be waived or altered with administrative approval.

Current Juniors

- Jan: Counselor classroom presentations in English
- Jan-Feb: Make individual appointments w/ counselor to discuss future plans and select classes.
- Print Junior Course Selection Worksheet

Current Sophomores

- Feb: Counselor classroom presentations in Global
- Feb-Mar: Make individual appointments w/ counselor to discuss future plans and select classes.
- Print Sophomores Course Selection Worksheet

Current Freshmen

- Mar: Counselor classroom presentations in English
- Mar-Apr: Make individual appointments w/ counselor to discuss future plans and select classes.
- Print Freshmen Course Selection Worksheet

Current 8TH Graders

- Jan 9, 2025 – 8th Grade Information Night at LHS 6:30pm
- LANCASTER MIDDLE SCHOOL
 - Feb-Mar: Meet w/ counselor to select classes
- ALL OTHER SCHOOLS
 - Enroll w/LCSD Registrar 686-3218,
 - Schedule meeting w/ LHS Counseling 686-3258,
 - Print incoming Freshmen Course Worksheet



Graduation Requirements

- ✓ 22 Credits Required to Graduate
- ✓ Minimum passing course average is 65
- ✓ Minimum Common Core and Regents Exam Passing Score is 65

Subject Area	Required credits & specific courses	NYS Regents Diploma	NYS Regents Diploma with Advanced Designation
English	4 credits <ul style="list-style-type: none"> English 9, 10, 11, 12 	Common Core ELA	Common Core ELA
Social Studies	4 credits <ul style="list-style-type: none"> Global History I Global History II US History Part Govt/Economics 	Regents Exams in both <ul style="list-style-type: none"> Global History US History 	Regents Exams in both <ul style="list-style-type: none"> Global History US History
Math	3 credits	One of these Common Core exams <ul style="list-style-type: none"> Algebra Geometry Algebra II 	Each Common Core Exam <ul style="list-style-type: none"> Algebra Geometry Algebra II
Science	3 credits <ul style="list-style-type: none"> Living Environment Two additional Science Courses 	One of these Regents exams <ul style="list-style-type: none"> Living Environment Earth Science Chemistry Physics 	Regents exams in <ul style="list-style-type: none"> Living Environment One additional Regents Science w/lab
World Languages	1 credit	Level 1 Proficiency	2 additional credits <ul style="list-style-type: none"> Level 1 Proficiency Level 3 Comprehensive
Art or Music	1 credit		
Health	0.5 credit		
Physical Education	2 credits		

NYS Regents Diploma with Advanced Designation - Alternate Sequence Option

To earn the Regents Diploma with advanced designation, students must also complete **one** of these sequence options:

- Two additional credits in World Languages (total of 3 credits, noted in table above)
- 5-unit sequence in the Arts or in Career and Technical Education (CTE)
 - Art
 - Business
 - Harkness
 - Music
 - Technology

Honors Designation

The honors designation requires a 90.0% average on all Regents exams required for the diploma.

Mastery in Math or Science

Students earning a Regents Diploma with Advanced Designation who pass three Regents exams in Math or three in Science with scores of 85 or better will earn an annotation of Mastery in Math or Science.



Definitions and Policies

Academic Eligibility

In order to participate unconditionally in any extra-curricular activity at Lancaster High School, a student must maintain an overall minimum average of 72.00. There is no probationary status. The fourth marking period averages of the previous school year determine eligibility for the first marking period of the next school year. Summer school grades and final averages are not used in determining eligibility.

Course Credit

A student must achieve a score of **45 or higher** on the final assessment and have a **65 overall average** in the course to earn course credit. If a student achieves a score of 44 or lower, on the final assessment, the student will NOT earn credit for the course.

Regents Credit

A student must achieve a score of 65 or higher on a Regents exam to earn Regents credit.

Half-Credit

A half unit of credit is earned by taking a one-semester subject and earning the same average requirements as a full year course.

Course Drops

Once the school year begins, all course drops must be approved by an administrator.

Course Level Changes

Students have time during summer recess (last week of June through the second week of August) to make limited types of changes to their course selections and schedules. The only schedule changes that will be allowed during that time are: changes due to errors, adding electives, summer school changes, and elective changes considered based on availability. After this time period, an administrator must approve any and all changes. The final schedule is the student's commitment to that specific program of courses.

Student course selections are finalized on June 1 of the previous school year.

Course Repeat due to Failure or Audit

A student who audits a course during the school year must continue to attend the course, without violating the LHS Code of Conduct, to be eligible to repeat the course. In science courses with labs, all lab requirements must also be met. When necessary, individual student circumstances will be reviewed and approved through MTSS.



Early Dismissal and Late Arrival for Seniors

Seniors may request the privilege of either an Early Dismissal for 9th period OR a late arrival for after 1st period. A parental permission form will be required and kept on file. Early Dismissals and Late Arrivals are scheduled only if the student's course load and time schedule allows, and is completely dependent on graduation requirements and course offerings. Classes in a student's schedule will not be rearranged to accommodate early dismissal or late arrival.

Early Dismissal / Late Arrival is a privilege and is subject to being revoked at any time for failure to maintain academic eligibility (Average of 72+), unexcused absence or tardiness and/or code of conduct violations.

Early Graduation

Students who meet the criteria for approval for early graduation should meet with their school counselor before considering this option.

Report Cards

Periodic updates to a teacher's gradebook are published to the Parent Portal by all teachers in a timely manner. Report cards are published to the Parent Portal at the end of the 10th, 20th, 30th and 40th weeks.

Sequence

Students who are pursuing an Advanced Regents Diploma and do not wish to take the Comprehensive Exam in a World Language are required to fulfill a five-unit sequence requirement. See NYS Regents Diploma with Advanced Designation – Alternate Sequence Option

Academy Programs

Career Academies combine college preparatory and career and technical education with a career theme in a structured “small learning community” to make education more relevant to high school students through personalized and appropriate learning while preparing for careers and postsecondary education¹. Students enrolled in one of Lancaster High School's academies gain access to the tools that will help them to identify, build and practice relevant skills for life after high school whether that is college, a career, or another pathway.

Career Themes

- | | |
|--|----------------------------------|
| ★ Academy of Finance (AOF) | Finance and Business |
| ★ Academy of Hospitality and Tourism (AOHT) | Hospitality and Tourism |
| ★ Academy of the Visual and Performing Arts (AVPA) | Visual and Performing Arts |
| ★ Health Care Academy (HCA) | Health Care |
| ★ Leadership Academy (LLA) | Leadership |
| ★ Trades Academy (LTA) | Manufacturing and Skilled Trades |
| ★ Project Lead the Way (PLTW) | Engineering |

Guide to Academy Programs

To access the separate guide to Academy Programs go to <https://lhs.lancasterschools.org/our-school/course-description-guide>

¹Source: [United States Department of Education](https://www.ed.gov/)



Course Type Definitions

Advanced Placement

The [College Board's Advanced Placement \(AP\) Program](#) is an opportunity for students to pursue college-level studies while still in high school and to receive advance standings, additional credit, or both in college. By challenging and stimulating students, the AP Program provides access to high quality education, accelerates learning, rewards achievement, and enhances both high school and college programs. Students are encouraged to take Advanced Placement courses for the purpose of enhancing their educational background in preparation for post high school career opportunities, to challenge themselves academically and to gain possible advanced credit by a college/ university.



Criteria for Honors and Advanced Placement

- Student course selections are finalized for AP and Honors courses on June 1st of the previous school year. Afterwards, the course level change policy is in effect and changes from AP or Honors into Regents level can only be requested after the first marking period is complete. Administrative approval is required for all level changes.
- A teacher recommendation is required for any student intending to register for an AP or Honors course who is not currently taking the precursory course (i.e. Regents Geometry to Honors Algebra II). Teacher Recommendations are completed on the Course Selection Worksheet.

Advanced Placement Course Offerings 2025-2026

These courses are weighed in the final average by a factor of 1.07.

Arts

- Music Theory
- Studio Art: Drawing Portfolio
- 2D Design: Photography

English

- English Language and Composition
- English Literature and Composition

History and Social Science

- Macroeconomics
- Psychology
- United States Government and Politics
- United States History
- World History

Math and Computer Science

- Calculus AB
- Computer Science A
- Computer Science Principles
- Statistics

Sciences

- Biology
- Chemistry
- Environmental Science
- Physics C: Mechanics

World Language

- Spanish Language and Culture
- French Language and Culture



Dual Enrollment - College Credit Courses

Students are encouraged to take advantage of the many opportunities to engage in college-level course work while in Lancaster High School. Students can choose from a wide variety of courses that provide a pathway to earn college credit

The courses below are conducted in partnership with Lancaster Central School District and the accrediting institution listed. As a full year course, students who successfully complete the course can earn one unit of high school credit. Students who successfully complete the class and pay the tuition can, additionally, earn college credits for each course. Students who wish to participate in this program should obtain the required paperwork from their classroom teacher at the start of the class. The student is responsible for registering prior to the deadlines as stated by the accrediting institution. Fees for dual-credit will be billed directly by the college.

⚠ Individual colleges have their own policies regarding the transfer of credit from other colleges. Students should communicate directly with the admissions office of the college to determine eligibility.

College Course Offerings 2025-2026

Business

Buffalo State University

- Advanced Accounting
- Business & Personal Law
- Entrepreneurship
- Principles of Marketing
- Sports and Entertainment Marketing
- AOF: Microsoft Office
- AOF: Success Strategies
- AOF: Financial Planning

English

Buffalo State University

- Print Journalism
- Broadcast Journalism & Media Studies

Bryant & Stratton College

- English 12

Family Consumer Science

Buffalo State University

- Event Planning and Management
- Advanced Food and Beverage
- AOHT Principles of Marketing
- AOHT Marketing Sports Entertainment
- AOHT Intro to Hospitality
- AOHT Hotel Hospitality Info Systems

Math

Buffalo State University

- AP Calculus
- Pre-Calculus R
- AP Statistics

SUNY: Erie

- College Math

Music

Buffalo State University

- AP Music Theory

Physical Education

SUNY Erie

- Physical Education 11/12
- Lifeguard Certification

Science

SUNY Erie

- AP Chemistry

Technology

Rochester Institute of Technology (RIT)

- Design and Drawing for Production
- Principles of Engineering
- Computer Integrated Manufacturing
- Digital Electronics

World Languages

Hilbert College

- AP French
- AP Spanish



Honors

These courses follow the New York State Regents/Common Core curriculum with enrichment. These courses are for students who have high motivational skills and seek an academic challenge. Students take the Regents or Common Core exam for these courses when offered.



These courses are weighted in the final average of 1.04.

Regents or Common Core

These courses follow the New York State curriculum. Students take the Regents or Common Core exam for these courses when offered.



New York State
EDUCATION DEPARTMENT
BOARD OF REGENTS

Career and Technical Education (CTE)

This NYSED approved program delivers a combination of courses and experiences in career and technical areas in preparation for further education and/or employment. Students receive an additional seal on their Regents (or Advanced) diploma.



Definition of Icons

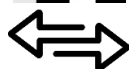
Icon



Definition

[Advanced Placement](#) weighted at 1.07

2 Laude Points per 1 credit earned



[Dual Enrollment](#) – College Credit Eligible Course.

1 Laude Point per 1 credit earned



Course of Mastery for Academic Laude.

0.5 Laude Point per 1 credit earned



[Honors](#) Weighted Course at 1.04



[Career and Technical Endorsement](#) Eligible Course



Course includes a [New York State Regents](#) Exam



[New York Seal of Biliteracy](#) Eligible Course



Important course information such as prerequisites or recommendations.



Lancaster High School Laude Honors

Background

In 2015, student leaders spanning various academic programs initiated a comprehensive review of the class rank system by engaging stakeholders across the district. Their goal was to expand the recognition system to more students. Through collaborative committee efforts, research was conducted, and diverse perspectives on student recognition were explored. Following these discussions, a proposal was presented in the 2020-21 school year.

In 2022, student leaders reviewed laude recognition options, ultimately selecting a system designed to honor achievements across a variety of academic pathways. As approved in 2020-21, and beginning with the graduating cohort of 2027, this updated recognition system will be implemented to celebrate the accomplishments of students at graduation.

What is Laude Recognition?

Laude recognition operates within an established framework that is widely accepted by colleges and universities, utilizing common terminology and standards. Our recognition system has been tailored to support students striving to meet the values, expectations, and initiatives of Lancaster High School and our community.

What is the Purpose?

Students are offered a multi-dimensional approach to recognition, allowing students to achieve distinction through various academic pathways. Our system ensures that performance is transparent and consistent for all students. Students will be encouraged to engage in genuine academic exploration, without favoring specific programs. Importantly, student recognition will be rooted in academic accomplishments.

We believe students should be enrolled in courses that prepare them for their next step. It is also incumbent on schools to keep doors open for students as they explore their future options. Our system shifts the focus away from peer comparison and instead encourages students to appreciate their individual accomplishments while motivating them to achieve their own personal goals.



How is recognition attained?



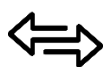
Maintain a minimum overall average of 90.00% (No rounding)



Complete courses of notable academic rigor to earn laude quality points



Advanced Placement




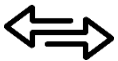

Dual Enrollment (College Credit)



Courses of Mastery

How are Laude Quality Points Score (QPS) Earned?

Courses eligible to earn distinction points are clearly identified within the course description guide. Students must pass the course and receive course credit to receive the quality points.

Academic Course with Recognition	Quality Points Earned per Credit	Course Guide Symbol
AP – Advanced Placement	2	
Dual Enrollment	1	
Courses of Mastery	0.5	

How is the Laude Quality Points Score (QPS) Determined?

The student may add their laude quality points following the table above.

For example, while at LHS a student completed and passed the following courses:

2 AP classes for 2 High School Credits	4.0 Quality Points
2 Dual Enrollment classes for 2 High School Credits	2.0 Quality Points
1 Dual Enrollment class for 0.5 High School Credits	0.5 Quality Points
5 Courses of Mastery classes for 5 High School Credits	<u>2.5 Quality Points</u>
	9.0 Total Quality Points

In this example, the student sustained a cumulative high school average at (or above) 90.00%. Therefore, they would be recognized as Cum Laude - “With Praise.”



What are the recognition levels?



Summa Cum Laude

" With Highest Praise"

Minimum 90% cumulative average & 15 QPS (Quality Point Score)



Magna Cum Laude:

" With Great Praise"

Minimum 90% cumulative average & 10 QPS



Cum Laude:

" With Praise"

Minimum 90% cumulative average & 7 QPS



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ART Course Descriptions



Taking art courses at Lancaster High School and joining the Academy of Visual and Performing Arts is an exciting opportunity to ignite your creativity, explore your passions, and build a foundation for future success. Whether you're interested in painting, ceramics, graphic design, photography, or drawing, our programs provide the tools to express yourself and develop real-world skills that can lead to careers in fields like fine arts, art education, museum curation, art conservation, illustration, photography, and more.

The Art Department offers exclusive experiences, including field trips, guest speakers, and opportunities to collaborate with like-minded peers in a supportive and creative environment. You'll also have the chance to showcase your work in our Art Gallery, giving you a sense of pride in your creations. Beyond technical skills, our courses teach critical thinking, problem-solving, and collaboration—skills that are valuable in any career.

Joining the Academy and taking art courses at Lancaster High School is more than just about creating art—it's about preparing for an exciting future and discovering your full potential as an artist and individual.

Studio in Art

6130 Grades 9, 10, 11, 12

1 credit

This class is all about YOU as the artist! Studio Art is a space to let your creativity run wild, explore new ideas, and experiment with all kinds of materials. Whether you're painting, drawing, sculpting, collaging, or trying something totally unexpected, the focus is on discovering your personal style and artistic voice.

You'll have the freedom to make choices about your projects, materials, and techniques while learning how to push your ideas further. We'll dive into what inspires you, explore how to take risks with your art, and encourage lots of trial and error—because playing with materials is part of the journey!

By the end of the course, you'll have a collection of unique, one-of-a-kind pieces that reflect your imagination and growth as an artist. This class is perfect for anyone who loves to create, experiment, and think outside the box.

The course is aligned with the New York State Standards for the Visual Arts. Studio in Art is required for a sequence and must be taken in 9th grade if you are interested in joining the Visual side of the Academy of Visual and Performing Arts. Can be taken by 10th, 11th & 12th graders who need an Art credit to graduate.



Drawing and Painting

6112 Grades 10, 11, 12

1 credit

⊗ Prerequisite: Studio in Art

In this course, students will unleash their creativity and develop the skills to communicate both visually and verbally through dynamic two-dimensional art forms. Through hands-on, messy (and fun!) projects, students will gain confidence in creating, discussing, and sharing their artwork while experimenting with a variety of techniques—focusing on drawing and painting. This course is all about self-discovery and personal expression, giving students the freedom to explore and learn more about themselves as they dive into their artistic process. Whether you're splattering paint on a canvas or fine-tuning a pencil sketch, expect to get your hands dirty and your imagination flowing!

Illustrating and Cartooning



6109 Grades 10, 11, 12

1 credit

⊗ Prerequisite: Studio in Art

This course is a playground for anyone who loves comics, cartoons, and the vibrant illustrations found in children's books! If you're excited to discover what makes certain cartooning and illustration styles pop and want to create your own works with that same fun and energy, this class is for you. Get ready to push your creative limits and try things you've never done before! We'll dive into the world of character design and storytelling, giving you the chance to create a variety of exciting artworks that show off your new skills. Whether you're looking to spice up your current style or explore something totally fresh, this course is all about having fun while bringing your wildest artistic ideas to life!

Studio in Graphic Design



6111 Grades 10, 11, 12

1 credit

⊗ Prerequisite: Studio in Art

Ready to unleash your creativity and communicate through the power of design? In this exciting course, you'll dive into the world of graphic design, using both traditional art tools and cutting-edge software like Adobe Photoshop and Illustrator to bring your ideas to life.

From crafting unique illustrations and logos to designing eye-catching layouts and ads, you'll explore a variety of design techniques that will help you think outside the box. As the year progresses, your projects will get even more epic, with challenges like package design, ad campaigns, and opportunities to explore career and college paths in the design world. Get ready to transform your imagination into a visual reality!



Ceramics I



6113 Grades 10, 11, 12

½ credit

⊗ Prerequisite: Studio in Art

Get ready to roll up your sleeves and dive into the amazing world of clay! In this class, you'll learn how to create awesome ceramics using hand-building techniques like coil building, slab construction, and pinch pots. No pottery wheel needed—just your hands and some creativity!

We'll explore how to shape and sculpt clay, add textures and designs, and finish your pieces with colorful glazes. Along the way, you'll discover how ceramics can be used to tell stories, show off your personality, or just make something totally unique.

By the end of the course, you'll have a collection of handmade projects you can be proud of, whether it's a funky sculpture, a mug, or a decorative dish. This class is perfect for anyone who loves to create, experiment, and (let's be real) get a little messy.

Ceramics II



6223 Grades 10, 11, 12

½ credit

⊗ Prerequisite: Ceramics I

Ready to take your ceramics skills to the next level? This advanced course combines the best of hand-building techniques, pottery wheel throwing, and mixed media to push your creativity and craftsmanship further than ever before.

You'll refine your skills in coil and slab building while mastering the pottery wheel to create bowls, mugs, and more. We'll also explore how to incorporate other materials—like wood, metal, or fabric—into your ceramic projects for unique mixed-media creations.

In addition to hands-on work, you'll experiment with advanced glazing techniques, surface design, and even sculptural forms. This class challenges you to think outside the box, expand your ideas, and develop a personal style.

By the end of the course, you'll have a diverse portfolio of creative and functional ceramics, plus the confidence to tackle any clay project. This is perfect for students with some ceramics experience who are ready to level up their skills!

Photography I



6118 Grades 10, 11, 12

1 credit

⊗ Prerequisite: Studio in Art

Ready to turn everyday moments into stunning works of art? In this hands-on photography course, you'll dive into the world of visual storytelling! Learn how to master a DSLR camera, from manual settings to composition techniques, as you capture the world around you. You'll explore how to think creatively and critically about your shots, developing your unique photographic style.

Plus, get introduced to photo alteration and enhancement tools to take your images to the next level! Whether you're capturing portraits, landscapes, or abstract art, this course will equip you with the skills to see—and shoot—the world like a pro!

Students are **not required** to purchase their own camera.



AP 2D Design (Photography II)



6124 Grades 11, 12

1 credit

⊗ Prerequisite: Photography I

Ready to take your photography to the next level? In this advanced Photography course, we'll build on the skills you learned in Photography 1, helping you refine your technique and develop your own photographic voice. Throughout the year, you'll create an independent photo series—an ongoing project where you'll tell a story or explore a theme through your lens.

Get ready for exciting field trips to capture unique images and experiences, the chance to showcase your work at local art shows, along with explorations in career and college paths in photography! Plus, you'll put together a stunning portfolio to submit for the AP 2D Design Exam, which may culminate in college credit. It's time to make your mark and push the boundaries of your creativity!

Jewelry I



6122 Grades 10, 11, 12

½ credit

⊗ Prerequisite: Studio in Art

In Jewelry I you will create your own wearable art in this beginner-friendly course! You'll learn the basics of jewelry-making techniques, including beading, wirework, and using a jeweler's saw for simple cutting. We'll also explore cold connections like rivets and tabs to join materials without the need for heat or soldering.

As you experiment with different tools and materials, you'll design and create unique pieces like bracelets, earrings, pendants, and more. Along the way, you'll develop skills in precision, patience, and creativity while discovering how to bring your ideas to life.

By the end of the course, you'll have a collection of handmade jewelry and the confidence to continue exploring

Jewelry II



6123 Grades 10, 11, 12

½ credit

⊗ Prerequisite: Jewelry I

Take your jewelry-making skills to the next level in this advanced course focused on soldering and casting techniques. You'll learn how to work with a torch to solder metal pieces together, creating clean, strong connections for intricate designs. You'll also dive into the fascinating world of metal casting, where you'll carve wax models and transform them into stunning jewelry pieces using molten metal.

This class emphasizes precision, creativity, and craftsmanship as you explore new ways to bring your designs to life. Along the way, you'll experiment with texture, form, and finishing techniques to create polished, professional-quality pieces. This is the perfect class for experienced students ready to push their skills further and create one-of-a-kind wearable art.



Portfolio Development

6119 Grades 11, 12

1 credit

⊗ **Prerequisite: Studio in Art**

⊗ **Prerequisite: Drawing and Painting**

Get ready to level up your artistic skills while stretching your creative boundaries! In this course, students will refine their technical abilities, all while exploring new ways to make art that's uniquely their own. You'll build on everything you've learned in previous art classes, with a big emphasis on creating meaningful, student-driven projects. This is your chance to really dive into your personal expression and explore what inspires you! As the course comes to a close, the focus will shift to creating both physical and digital portfolios that highlight your growth, creativity, and all the amazing artwork you've produced along the way. It's time to make your mark and show the world what you can do!

Independent Study

6230 / 6236

Grades 11, 12

½ or 1 credit

⊗ **Prerequisite: Portfolio Development (or presently enrolled)**

⊗ **Required: Contract with permission of Teacher, Principal and Counselor**

The Independent Study provides an opportunity for advanced students to work one on one with a specific teacher to develop work in a particular area. This venue is chosen when a student shows strengths and interests that go beyond the prescribed curriculum, and are personally motivated to work independently

AP 2D Design/ AP Drawing/ AP 3D Design



6240

Grade 12

1 credit

⊗ **Prerequisite: Studio in Art**

⊗ **Prerequisite: Drawing and Painting**

⊗ **Prerequisite: Portfolio Development**

AP Drawing, AP 2D Design, and AP 3D Design are 3 different courses, but they all take place during one class period. Students will choose which AP course they want to be enrolled in after the 1st week of school in September. This course is for students who wish to pursue their own independent project in a series of visually related artworks (Sustained Investigations). Students are strongly encouraged to submit these works to the College Board in May for possible college credit. Please note, even though some colleges still require students to take the college's Foundation Art courses, most colleges will allow students (both art majors, and non-art majors) to use an AP Art credit as a humanities elective.



Business & Career Education Highlights

The Lancaster High School Business and Career Education Department is a regional and national model based on its substantial work-based learning opportunities alongside a rigorous and relevant curriculum which includes significant support of local, regional and national partners. Each of the teachers within the Business and Career Education department have relevant professional industry background as well as extensive teaching experience. Students are offered a wide variety of course options, each focused on the technical and soft skills required for success in any career field.

Career and Technical Education Endorsement (CTE)



Career and Technical Education (CTE) is a New York State Education Department (NYSED) program that prepares students for careers and further education. The Lancaster Business Department is an **accredited CTE program** with pathways for students seeking Regents and/or Advanced Regents diplomas. See CTE Endorsement on the NYS Regents Diploma

NAF: Academy of Finance



The [Academy of Finance at Lancaster High School](#) is part of [NAF](#), a national network of education, business, and community leaders who work together to ensure that high school students are college, career, and future ready. NAF's educational design includes industry-specific curricula, work-based learning experiences, and relationships with business professionals, culminating in a paid internship. Lancaster's AOF has been awarded NAF's distinguished status each year since 2011 and one 4 academies to have reached this highest level of recognition as often.

Dual Enrollment (Business) - Buffalo State University



BUFFALO STATE
The State University of New York

Numerous Business Courses offer the dual enrollment option with Buffalo State University. Look for the dual enrollment symbol and speak to the teacher on how to enroll



Internship Program



The Internship Program at Lancaster High School is a nationally recognized leader in work-based-learning. The program shapes the direction of our youth by ensuring students are both college and career ready. Internships usually fall within these career themes: Business and Finance, Engineering, Health Care, Hospitality & Tourism, Leadership, General Education, Visual and Performing Arts.

Microsoft Office Certification



All Computer Applications courses use the Microsoft Office Suite. (Word, Excel, PowerPoint, Access) Students are eligible to become a Microsoft Office Application Specialist; a credential recognized by educators and professionals around the world.

DECA

CO-CURRICULAR CLUB



Advisor: Cindy Gould

DECA prepares emerging leaders and entrepreneurs in marketing, finance, hospitality and management in high schools and colleges around the globe. As a co-curricular organization, students taking marketing or a business course have the opportunity to join. Students compete at regional, state and national levels in over 30 business areas to win scholarships and cash awards. For more details visit the [DECA website](#)

Community Service Organizations

Business students are encouraged to provide community service through our partnerships with the Lions, Rotary & Zonta clubs.



CTE Endorsement on the NYS Regents Diploma



Students may pursue a 3.5 credit Regents or the 5.0 credit Advanced Regents Diploma CTE. Successful students will receive an additional seal on their New York State Regents (or Advanced) Diploma which represents readiness for both college and/or career.

To earn the 3.5 credit endorsement on the NYS Regents Diploma

Complete each of these courses and pass the Marketing CTE exam

<u>Course</u>	<u>Credits</u>
▶ Foundations for Success	0.5 credit
▶ CFM – Career & Success Skills	0.5 credit
▶ CFM – Financial Literacy	0.5 credit
▶ Principles of Marketing	0.5 credit
▶ Sports & Entertainment Marketing	0.5 credit
▶ Entrepreneurship	0.5 credit
▶ <u>Business Planning</u>	<u>0.5 credit</u>
Total	3.5 credits

To earn the 5.0 credit endorsement

<u>Course</u>	<u>Credits</u>
▶ All previous CTE courses	3.5 credit
▶ CEIP (Career Exploration Internship Program)	0.5 credit
▶ Keyboarding & Microsoft Word	0.5 credit
▶ <u>Microsoft Excel & PowerPoint</u>	<u>0.5 credit</u>
▶ Total	5.0 credits



Making the most of Business Course Offerings

Taking five Business courses satisfies the [Alternate Sequence Option](#) for an Advanced Regents Diploma

Suggested Pairings

Each business course is one semester long (earning ½ credit); you can pair courses to create a year-long curriculum (earning 1 full credit). We recommend the following course pairings, based on the skill and knowledge level they require and the opportunity to build on knowledge from one course to the next. Courses may be taken in any order as there are no pre-requisites. This allows a student the flexibility to fit offerings into their schedules or to sample a variety of business disciplines. Paired courses include the ⊕ symbol.

One Semester Course	⊕	One Semester Course
CFM – Career & Success Skills	⊕	CFM – Financial Literacy
Principles of Marketing	⊕	Sports and Entertainment Marketing
Principles of Accounting	⊕	Advanced Accounting
Entrepreneurship	⊕	Business Planning
Keyboarding & Microsoft Word	⊕	Microsoft Excel & PowerPoint



Business Course Descriptions

Principles of Accounting

(Fall) 9030

Grades 10, 11, 12

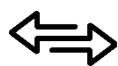
½ credit

⊕ Suggested Pairing - Advanced Accounting

May serve as a third Math credit required for graduation when paired with Advanced Accounting.

This course is highly recommended for students considering a college major in business and is designed to provide a basic knowledge of accounting procedures, including analyzing and journalizing business transactions; constructing worksheets; calculating and recording adjusting entries; preparing financial statements; and finalizing the accounting cycle through closing entries. Emphasis is placed on service businesses organized as a sole proprietorship. All students can benefit from accounting instruction in their own personal business affairs. This course serves as a pre-requisite for DUAL ENROLLMENT

Advanced Accounting

BUFFALO STATE
The State University of New York

BUS212 Introduction to Accounting (3 credits)

(Spring) 9031

Grades 10, 11, 12

½ credit

⊗ Dual Enrollment Prerequisite: Principles of Accounting

⊗ 3rd Math Credit for Graduation Prerequisite: Principles of Accounting

This course is based on the fundamentals of Accounting with emphasis on merchandising businesses organized as corporation. This course will give students a strong foundation in advanced accounting theory and procedures including an in-depth approach to preparing income statements and balance sheets along with recording of complex business transactions related to publicly held corporations. Students use computer software applications that can be used to expedite the accounting process. This course is highly recommended for students who are considering any business or accounting major in college.

Business Mathematics

9034 Grades 10, 11, 12

1 credit

May serve as a third Math credit required for graduation.

How much is this new car going to cost? How can I save enough to pay for a vacation? I know I have to pay taxes, but how much? These are all examples of how math is used in everyday life or in a typical career. Business Math provides students with a thorough review of all basic mathematical concepts and the applications necessary to effectively manage banking services, credit, loans, insurance, home and personal expenses, owning and operating your own business, automobiles, taxes, employment and much more.



Business and Personal Law

BUFFALO STATE
The State University of New York

BUS368 Business Law I(3 credits)

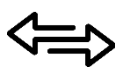
9035

Grades 10, 11, 12

½ credit

Learn about legal concepts that will impact your life now and in the future on a personal level and within the business community. In this course, you will develop an understanding of your legal rights and responsibilities as a citizen, consumer, and employee. Focus areas include an introduction to law, the structure of the U.S. and New York State court systems, contract law, consumer law, criminal law, civil law, family/domestic law, employment law and careers in the legal profession.

Entrepreneurship (Start it Up!)

BUFFALO STATE
The State University of New York

BUS365 Entrepreneurship (3 credits)



(Fall) 9038

Grades 10, 11, 12

½ credit

⊕ Suggested Pairing - Business Planning

This course is designed to introduce students to the role that entrepreneurship and small business play in our economic system. An in-depth study of the various steps involved in starting a new business and the financial, legal and government aspects critical to a successful small business will be covered. Topics include marketing, competition, communication, human resources, type of ownership, location and setting up your business. Students become involved in a variety of activities including local entrepreneur guest speakers, visits to local businesses and the 43 North Business Plan Competition.

Business Planning (Make it Your Business)



(Spring) 9041

Grades 10, 11, 12

½ credit

⊕ Suggested Pairing - Entrepreneurship

If you like Entrepreneurship and the hit show “Shark Tank”, this is the course for you! This course will go more in-depth and students will create and present a detailed business plan. We will work with a variety of local entrepreneurial organizations where students are be eligible to compete in a business plan competition. Other topics include Identifying and meeting a market need, marketing your business, Distribution, Promotion, Selling and Operations Management. Students will also visit 43 North Business Plan Competition headquarters at Seneca Tower.



CFM: Career Skills and Success



(Fall) 9032

Grades 9, 10, 11, 12

½ credit

⊕ Suggested Pairing - CFM Financial Literacy

What do you want to be when you grow up? Students complete and analyze a variety of assessments which will assist them in investigating and exploring careers based on their interests, values, and skills. Students will explore post-secondary education and training options, learn about the job seeking process; including building a resume and preparing for interviews. They will gain an understanding of workplace regulations, the importance of lifelong learning, leadership and ethics in the workplace, and workplace readiness skills.

CFM: Financial Literacy



(Spring) 9045

Grades 9, 10, 11, 12

½ credit

⊕ Suggested Pairing - Career Skills and Success

Learn how to be smart with your money and the importance of managing your money wisely so you don't go broke in the future! Through project-based tasks using true-to-life scenarios, students will learn how to navigate and make financial decisions related to saving & spending, budgeting, money management & banking, credit & loans, investing, insurance, taxes, and becoming a savvy consumer.

Internship Program (CEIP)



(Fall) 9050

Grades 11, 12

½ credit

⊗ Required: Student must have their own transportation to and from the mentor's job site

- ⚠ Not all internships are located in Lancaster
- ⚠ An internship has a time commitment and therefore schedules need to be considered prior to registering.

The Career Exploration Internship Program (CEIP) is designed to give students hands-on experience in a career field of their choice. It includes workplace topics, such as resume preparation, effective interviewing techniques, teamwork, projecting a professional image, career research and experience connections. Students are assisted with the placement of an internship working with an employer at a job site.



Keyboarding & Microsoft Word



(Fall) 9012

Grades 9, 10, 11, 12

½ credit

⊕ Suggested Pairing - Microsoft Excel & PowerPoint

This real world course prepares students to understand and prepare fast, efficient forms of digital communication. Students learn efficient keyboarding skills and become skilled in Microsoft Word features by completing hands on simulations similar to what would be found in high school, college and business.

Students become quick and efficient by mastering the tools necessary for success in high school, college, the workplace and their everyday lives. Successful students are eligible to become certified as a Microsoft Office Specialist, a highly sought after qualification of hiring managers.

Microsoft Excel & PowerPoint



(Spring) 7523

Grades 9, 10, 11, 12

½ credit

⊕ Suggested Pairing - Keyboarding & Microsoft Word

What is it? Microsoft Office, Social Media and Google Applications are how businesses communicate today. Utilize these tools to create spreadsheets and presentations, and learn how to use social media in a professional manner while gaining experience with Google Apps and Microsoft Office

Why it matters: With so much competition in the job market, it should come as no surprise that those with Microsoft Office, Social Media skills and experience using Google Apps are often selected over those who do not. This class will give you the expertise in all these critical areas.



Principles of Marketing

**BUFFALO STATE**
The State University of New York**BUS320 Principles of Marketing(3 credits)**

(Fall) 9037

Grades 10, 11, 12

½ credit

⊕ Suggested Pairing - Sports and Entertainment Marketing

Marketing provides the bridge between business and consumers. This course will open the student's eyes to the world of marketing that is all around and to become educated decision makers. Content revolves around the basic marketing functions, selling, public service announcements, promotion, market research, social media, customer service and buying behavior. Marketing is a course for anyone to take who is and will continue to be a consumer.

Sports and Entertainment Marketing

**BUFFALO STATE**
The State University of New York**BUS368 Sports and Entertainment Marketing (3 credits)**

(Spring) 9040

Grades 10, 11, 12

½ credit

⊕ Suggested Pairing - Principles of Marketing

This course is designed to study marketing principles as it relates to the sports and entertainment industry. Instructional areas will include: marketing, advertising, promotion, internet/social media marketing, sponsorship and endorsements, event marketing, and branding an image. A basic understanding of the principles of marketing is helpful to enroll in this course, but not a requirement. Classroom instruction will be reinforced through the use of group/individual projects, guest speakers, possible field trip experiences, current periodicals, computer work, and lecture/discussions.

Technology In Action

9100

Grades 9, 10, 11, 12

½ credit

Students involved in the Technology In Action class will learn a variety of innovative and engaging technology tools and assist in their implementation and utilization in the classroom and school district. This is a project-based hands-on experience in which students will be immersed in educational hardware and software applications and provide support and training to students, faculty and parents. To be successful you need to be an independent and self-motivated learner. Proposed Projects include: Individual Digital Portfolio (Video Resume), Website/App/Extension Hardware Review, Resource Development, Faculty Liaison, Technology Workshop

**CAREER DEVELOPMENT & OCCUPATIONAL STUDIES**

Career Development & Occupational Studies (CDOS)

The Career Development and Occupational Studies Commencement Credential is a certificate recognized by the NYS Board of Regents for students demonstrating entry-level work readiness. This credential is often awarded as an addition to the diploma, but can also serve as an approved pathway to obtain a diploma or as a sole exiting credential. To be eligible, students will need to complete a career plan each year and obtain 216 hours of career and technical education (CTE) instruction (54 of those hours being work-based learning being evaluated by an employability profile). The coursework included on this page is an available option created by the district to provide students with meaningful access to the CDOS Credential.

CDOS - Course Descriptions

CDOS - Business Math

9987

Grades 9, 10, 11, 12

1 credit

Business Mathematics is a two-semester course of which students learn to use mathematics effectively as a tool in their personal and business lives. After students, have completed this course, they will be able to apply mathematical concepts in various personal and business situations. This class shows how math topics apply to real-life situations. In this class, the topics covered include percent, measurement, metric, fractions, unit conversions, checking accounts, bank fees, loans, taxes, work forms, problem solving, consumer purchases, credit, probability, odds, commissions, work related math skills, and more. Everything learned in this class will be put to good use immediately. This course may be used to meet the mathematics requirements for graduation.

CDOS - Business Computer Applications

(Spring) 9982

Grades 9, 10, 11, 12

½ credit

This course will focus on teaching students how to effectively integrate computers into their academic, professional, and personal lives. Students will learn how to efficiently keyboard, identify and explain how the computer components interact, and develop the skills necessary to effectively utilize the Microsoft Word, Excel, PowerPoint and various Google application programs. Prior knowledge about keyboarding basics is strongly suggested but not required for this course.

CDOS - Financial Literacy

(Fall) 9981

Grades 9, 10, 11, 12

½ credit

Financial literacy is critical for students as they progress through their lives. The importance of being financially literate is crucial to success and stability. In this course students, will learn to manage money to build wealth, in order to financially attain the lifestyle, they desire. Students will attain the knowledge and skills necessary to navigate the financial services industry and begin the financial planning process. Topics include: earning and managing money, completing tax returns, budgeting, strategies of saving and investing, online banking, how to use credit, major purchasing decisions, and ways to protect against risk and financial loss.

**CAREER DEVELOPMENT & OCCUPATIONAL STUDIES**

CDOS - Keyboarding

(Fall) 9983

Grades 9, 10, 11, 12

½ credit

This hands-on course focuses on mastery of the keyboard and touch-typing. Emphasis is placed on proper keyboarding techniques during the first ten weeks. Emphasis is placed on the development of speed and accuracy during the second ten weeks. Evaluation of speed and accuracy is based on timed tests throughout the course. Applications of word processing skills will be assessed by submission of correctly formatted, accurate documents and lab assignments.

CDOS Internship 1

9368

Grades 11, 12

½ credit

⊗ Required: Pre-approval by CDOS Coordinator

WBL hours are typically earned at either Harris Hill Nursing Facility or an Elementary Ed. Internship

This coursework is created in conjunction with the student participating in work-based learning internship experience. Students must complete a minimum of 54 hours of approved work-based learning to earn credit. The coursework reflects a variety of activities on obtaining and succeeding at a job. Each month there are a variety of required activities to be completed. Some of the activities for this course include career planning, career exploration, goal setting, career research and personal skills reflection.

CDOS Internship 2

9369

Grades 11, 12

½ credit

⊗ Required: Pre-approval by CDOS Coordinator

WBL hours are typically earned at either Harris Hill Nursing Facility #9365 or an Elementary Ed. Internship #9366

This course is created in conjunction with the student participating in a work-based learning internship experience. Students must complete a minimum 54 hours of work-based learning to earn course credit. Students will complete a series of activities to justify their mastery of the CDOS/CTE Learning standards focused on career development, integrated learning, universal foundation skills, and career majors.



English - Course Descriptions

English 9

1309

Grade 9

1 credit

In the 9th grade ELA curriculum, students will read, discuss, and analyze contemporary, as well as classic texts, focusing on how complex characters develop through interactions with one another and how authors structure text, to accomplish that development. There will be a strong emphasis on reading closely and responding to text dependent questions, annotating text, and developing academic vocabulary in context. We will also focus on the ability to make evidence-based claims, which will empower students with critical reading and writing skills emphasized in the Common Core. Finally, we will be focusing on research skills and use of proper MLA citations to provide strong, thorough textual evidence to support student claims. Writing assignments are frequent and varied, relying on original thought and analysis. Students will be expected to engage in class discussions and participate in group activities throughout the year.

Pre-AP English 9



1409

Grade 9

1 credit

Pre AP English II (9th grade) builds on the foundation of Pre AP English I (eighth grade), with an emphasis on the recursive moves that matter in preparing students for the challenges of college-level reading, writing, and discussion (students are not required to have taken Pre-AP English 8 to take this course). While Pre AP English 8 introduces the fundamental routines of close observation, critical analysis, and appreciation of author's craft, Pre AP English 9 requires students to apply those same practices to a new host of nonfiction and literary texts. As readers, students develop a vigilant awareness of how the poet, playwright, novelist, and writer of nonfiction alike can masterfully manipulate language to serve their unique purposes. As writers, students compose more nuanced analytical essays without losing sight of the importance of well-crafted sentences and a sense of cohesion.

English 10

1310

Grade 10

1 credit

The course is designed to prepare students for college entrance and the English Regents Exam. Several literary classics will be read and studied, such as *Fahrenheit 451*, *A Raisin in the Sun*, and *A Midsummer Night's Dream*. Critical thinking and communication skills will be required for essay responses to literature. All foundational aspects of English Language Arts will be built upon and students will be expected to develop their writing, reading, and thinking skills to meet the needs of a 21st century learner.



AP Seminar



1410

Grade 10

1 credit

⊗ **Recommended: 90%+ average in English 9 or successful completion of Pre-AP English 9**

⚠ **Strongly recommended for any students wishing to take AP courses in the future**

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas. Literary topics for study include mythology, non-fiction and fiction prose and poetry will also be covered

English 11



1311

Grade 11

1 credit

This course concentrates on fictional and non-fictional American Literature. Close reading and analysis of novels, plays, short stories, and poems will lead to instruction on writing literary analysis, as well as expository, creative, and argument papers. Argument writing will emphasize claim formulation, and the development, defense, and support of argument using textual evidence across genres and rhetorical strategies. The American Dream and other major themes will be looked at through the writing of Fitzgerald, Hemingway, Miller, Whitman, Dickinson, Steinbeck, and Wilson. The range of conventional critical reading and writing skills necessary to show proficiency and mastery on the New York State Regents Assessment will be honed throughout the year.

AP English Language and Composition



1426

Grades 11,12

1 credit

⊗ **Recommended: Successful Completion of AP Seminar**

This is an intensive writing course designed to prepare students for the rigors of college writing and for the Advanced Placement Exam in composition. It is modeled after a typical "Freshman Composition" course and focuses primarily on rhetorical analysis of non-fiction books, essays, and articles. Rhetoric can be defined as "the study and the art of using language effectively." Using Aristotle's model of the rhetorical triangle (Word/Logos; Author/Ethos; Audience/Pathos), students will learn to analyze the language choices authors use to create meaningful and persuasive texts. Students will write weekly essays focusing on analysis, persuasion, and synthesis while developing their own voice and style. A summer reading/writing assignment will be given in May and is due the first day of school. Students will be asked to sign a contract upon registering for this course.



English 12

**Bryant & Stratton
College**

ENGL101 Research and Writing (3 credits)



1312 Grade 12

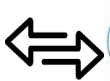
1 credit

For twenty weeks of the course, Seniors enrolled in this course will intensely focus on the technical attributes of the writing process required at both the college and post high school career levels. Individuals will be given the invaluable opportunity to earn three college credits for a College Composition course through Bryant and Stratton college, through their English 12 Regents class and at no cost to the student. This course will assist in reversing the disturbing trend of incoming freshman and entry level employees who are either being assigned to remedial writing classes, at the college level, or denied employment. Students will master the ability to construct thesis driven papers, develop a college admissions' writing sample and thoroughly evaluate their own strengths and weaknesses, within the writing and research process, to ensure their individual success after graduation.

Throughout the second semester, the course will focus on literature and literary criticism of works, which will also help prepare students for what they will experience after high school. Close reading, analysis and evaluation skills will be refined and honed, as these are an integral component of the Common Core Learning Standards. Students will demonstrate their ability to conduct in-depth, critical analysis of literature, appropriate for their post high school studies. Discussion, reflection, and evaluation, which will be text dependent, and the aforementioned, will be a major component of the second semester.

All English 12 students will be required to complete a final exam/project at the end of the year. Students will leave English 12 with both the understanding and confidence necessary to succeed academically and socially, in the rigorous climate of today's society.

AP English Literature and Composition*

**Bryant & Stratton
College**

LITR220 Intro to Literature (3 credits)



1412

Grade 12

1 credit

⊗ Recommended: Classroom Average of 90% or higher

Students have been reading, writing, and studying various forms of prose and poetry throughout high school. The process in English Literature and Composition involves a more in-depth approach to understanding and analyzing what students read, as well as considering structure, style, and specific elements, such as the use of figurative language, imagery, symbolism and tone. This course is geared to prepare the 12th grade student for the National Advanced Placement Exam in Literature and Composition and/or to challenge the above average student of English. Using a comparative analysis approach to literature, students read, analyze and compare works according to subject, form and point of view. Literature is taken from over 600 years of poetry and prose. College application work is focused in September and October in the classroom and in conjunction with counseling using Naviance. Literature analysis, comparative study of writing styles, and techniques used through various centuries is studied. A summer reading, writing, and research project is given in June and is due on the first day of class.



Print Journalism



The State University of New York

COM100 Media Literacy (3 credits)

1316

Grades 10,11,12

½ credit

The student will learn the fundamentals of print journalism: writing, editing, and producing a paper. Evidence of this knowledge will be shown in the staffing and production of the school's newspaper. This is a "hands-on" course.

Broadcast Journalism & Media Studies



The State University of New York

COM210 Intro to Media Writing (3 credits)

1336

Grades 10,11,12

½ credit

Broadcast media is the focus of this course. The course will address current media issues including television advertising, radio and television news, talk shows, and entertainment news. Students will have an opportunity to create their own commercials and talk shows. The goal is for students to be more aware of the way broadcasters and media outlets try to influence and shape their decisions, from current news events to which products they buy. Students DO NOT need to take Print Journalism in order to sign up for this course.

Prep For Success

1004 Grade 12

½ credit

This course is designed for college-bound seniors looking to prepare for life after LHS. The first semester curriculum will include assistance with college applications, resumes, college selection, career choices, job and interview skills, and discussions on how to choose the college/career path that is right for you. Several guest speakers from local colleges will speak. The second semester covers topics such as budgeting, time management, life skills, campus life, mental health, and "adulting". This class meets every other day for the full year and is graded P/F. This is the course to prepare you for the rest of your life!

Public Speaking



1414 Grades 10, 11, 12

½ credit

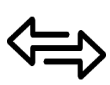
This course provides students with a variety of speaking experiences in order to increase skill and gain confidence in public speaking. It focuses on all aspects of public speaking including formal and informal speeches, improv, sports broadcasting, persuasion, wedding/funeral speeches, trial presentations, interviews, pep talks, ghost stories, and more. Fun class activities are meant to increase self-confidence in the student. This course will help prepare you for speaking and presentations in school and in your future life!



Family & Consumer Sciences (FACS) - Overview

Courses in Family and Consumer Science teach valuable life-management skills. They are assets to students considering any of the following career choices after high school: food service industry, dietetics, hotel/restaurant/hospitality management, nursing, health care, child care worker, nursery school teacher aide, food marketing, sports nutritionist and many others.

Dual Enrollment (Family & Consumer Sciences)- Buffalo State University



BUFFALO STATE
The State University of New York

The Family and Consumer Science Department has partnered with the SUNY Buffalo State University's College Access program (CAP) and offers college level courses taken at LHS as part of the normal school day, enabling students to earn college credit. Students earning a grade of "C" or better are eligible to transfer these SUNY approved courses.

Career and Technical Education Endorsement (CTE)



Career and Technical Education (CTE) is a New York State Education Department (NYSED) program that prepares students for careers and further education. The Lancaster Family & Consumer Science department is an **accredited CTE program** with pathways for students seeking Regents and/or Advanced Regents diplomas.

Students learn "hands-on" career skills while earning a Regent's or Advanced Regent's Diploma in order to prepare for college or other higher education studies. Students apply academic concepts to real-world situations with:

- Internships
- Mentorships
- Job shadowing
- Industry-based certifications
- Opportunity to earn college credit
- Other work-based learning opportunities



Family & Consumer Sciences (FACS) - Course Descriptions

Career and Financial Management (CFM)

9911 Grades 9,10,11,12

½ credit

Students will acquire the lifelong skills necessary to manage their personal and professional lives. Students are given the opportunity to explore careers based upon their interests and aptitudes. An emphasis will be placed on providing students with the opportunity to learn about the features of our economy, explore a variety of careers, learn the skills and competencies needed for success in the workplace and to begin to become financially literate. Students will realize the significance of their part in the economic system. Important management and economic concepts are defined in relation to business transactions and to the individual as an entrepreneur, employee, consumer, and citizen.

Food and Fitness

9912 Grades 9,10,11,12

½ credit

Are you interested in living a healthy lifestyle without sacrificing flavor in the foods you eat? Do you have specific personal fitness goals or are you interested in developing such goals? In this course, students will learn to plan and prepare foods for good health that will fit a teenager's preference and performance goals. Students will develop nutrition awareness, examine their eating habits and learn their own individual requirements for improving overall physical health and fitness as they design a personal fitness plan. The focus of the course is connecting eating habits with fitness goals, however, topics including fad diets, body image and eating disorders will also be discussed. This course is an excellent choice for anyone participating in sports programs or those interested in developing a personal health and fitness routine.

Food and Nutrition

9926 Grades 9,10,11,12

½ credit

If you like to cook and eat, experiment with your own recipes, are planning to go away to college or be on your own soon, this course offers necessary skills you will use for a lifetime. Through participation in cooking lab activities, students will learn basic food preparation and safe food handling techniques including how to read and follow a recipe and proper ingredient measuring. Students will also explore a variety of careers related to food, nutrition, and the hospitality industry as they learn about the nutritional value of foods eaten in our daily lives, meal management, food purchasing and meal service techniques. You will participate in the preparation of many different food items including fruits, vegetables, quick breads, yeast breads, cakes, pastries, cookies, eggs, meats, and various grain products.

Food and Culture

9950 Grades 9,10,11,12

½ credit

Are you adventurous? Do you like to travel? Do you find other people's customs and traditions interesting? Do you like to cook? If you answered yes to these questions, then join us as we cook our way around the world! The influence of culture on foreign and American cuisine is the focus of this course. First, we will explore regional cooking in the United States, including Tex-Mex, Creole, Cajun, Southern, New England and Western foods. Then we'll take our taste buds abroad to learn about food customs and traditions in other countries such as France, Italy, Germany, England, Ireland, Greece, China, and Japan to name a few. This course is great for students wishing to expand their cooking know-how and taste experiences. Students who enjoy Social Studies and Foreign Languages may find this course especially interesting.



Event Planning and Management

**BUFFALO STATE**
The State University of New York

HTR375 Events Management (3 credits)

9918 Grades 9,10,11, 12

½ credit

⊗ Recommended: Students should have taken one FACS cooking class

This course will give you a look into the almost invisible but greatly important career of event planning. This course will explore the various aspects of event planning as well as the characteristics and skills necessary to be a successful event planner. Topics include: Defining event planning and its characteristics, exploring why clients use event planners, types of events, your job as an event planner, financial aspects, contracts, and insurance issues, and the importance of networking. Students will assist with planning and managing an event relevant to the course topics.

Advanced Food and Beverage

**BUFFALO STATE**
The State University of New York

HTR200 Sanitation and Safety in Food Service (3 credits)

9920 Grades 10,11,12

½ credit

⊗ Required: Students should have taken one FACS cooking class

Have you previously taken a cooking class here at LHS and loved it? Are you looking for a class that would further challenge you and build your culinary skills? If you answered yes to these questions, this course is for you! Students will build upon the prior information and activities from their previous Family and Consumer Science cooking classes. Food labs will include preparation of meat and poultry, soups, salads, pastries, candies and seasonal specialties. Additional topics include the role of science in the world of food, meal management and food purchasing, careers in the food industry, advanced culinary and gourmet food techniques.

**HEALTH & PHYSICAL EDUCATION**

Health - Course Descriptions

Health

7610

Grade 9

½ credit

The Health course at Lancaster High School is designed to assist students in obtaining accurate information, developing positive attitudes and acceptance of personal responsibility in making wise decisions concerning lifelong health. A variety of topics are explored with a focus on how lifestyle choices impact our quality of life. There are guest speakers for various topics concerning teen wellness. This course is a general overview of Health. New York State requires the successful completion of this course for graduation. How will the choices you make today impact your life tomorrow?

Physical Education - Course Descriptions

Physical Education Overview for Grades 9 and 10

▲ Note: Classes may be combined based on the number of teachers available per period.

Students in 9th and 10th grade will receive a core program based on the philosophy that a physically educated student needs the elective experience of a wide variety of activities before their junior year. This means that ALL ninth and tenth graders will receive the exact same activities over a two year period as well as be able to select an experience level for participation (see below). The emphasis of this course will be on developing and improving skills and will be supported by assessments.

Physical Education 9/10 - Team Sports

8539

Grade 9,10

½ credit

▲ High Intensity

This level is designed for students who want to participate in a variety of team games. These games are designed to provide highly skilled students an opportunity to advance their skills in such games and in addition to the required fitness center and pool units but not limited to, soccer, softball, lacrosse, broomball, volleyball, basketball, wall ball, team handball, ultimate games, rugby, flag football. (Activities may vary based on facilities)

Physical Education 9/10 - Lifetime/Recreational

8538

Grade 9,10

½ credit

This level is designed for students who want to participate in a variety of activities that are not competitive in nature and focus more on lifelong fitness activity. These activities are designed to provide the student with the experience of participating in a group setting for the enjoyment of physical activity. These activities are (but not limited to) yoga, table tennis, cardio kickboxing, dance, Kin Ball, pickleball, snowshoeing, Kan Jam, and frisbee golf. These activities are small, sided games and lead up type games in addition to the required fitness center and pool units. (Activities may vary based on facilities)

**HEALTH & PHYSICAL EDUCATION****Physical Education Overview for Grades 11 and 12**

PE202 Physical Fitness I (1credit)

& PE203 Physical Fitness II (1credit)

▲ Classes may be combined based on the number of teachers available per period.

- ▶ All grade 11 and 12 students (including those registered for SUNY: ERIE) take the course as outlined below
- ▶ Dual Enrollment Registration is completed on-line at www.ecc.edu

The Lancaster Physical Education Department has partnered with SUNY Erie and offers college courses at our school through the Advanced Studies Program. Students may be eligible to earn college credit for their physical education curriculum taken during the school day, as part of their physical education curriculum, during Grade 11 and/or Grade 12. In order to receive SUNY Erie credit, students must register and pay tuition for the courses.

Students in grades 11 and 12 will receive a program that is elective based, with each class having a particular theme. The emphasis of this course will be on demonstrating competency and proficiency in performance and cognitive assessments. Students will be asked to choose a theme (see below) and also have a required fitness center and pool unit.

Physical Education 11/12 - Team Sports

8540

Grades 11,12

½ credit

▲ High Intensity

This level is designed for students who want to participate in a variety of team games. These games are designed to provide highly skilled students an opportunity to advance their skills in such games and in addition to the required fitness center and pool units, but not limited to, soccer, softball, lacrosse, volleyball, basketball, broom ball, team handball, ultimate games, rugby, flag football. This level is geared toward learning the rules of the game for possible officiating duties. *(Activities may vary based on facilities)*

Physical Education 11/12- Lifetime/Recreational

8541

Grades 11/12

½ credit

This level is designed for students who want to participate in a variety activities that are not competitive in nature and focus more on lifelong fitness activities. These activities are designed to provide the student with the experience of participating in a group setting for the enjoyment of physical activity. These activities are but not limited to, yoga, table tennis, cardio kickboxing, dance, Kin Ball, pickleball, snowshoeing, KanJam and frisbee golf. *(Activities may vary based on facilities)*



HEALTH & PHYSICAL EDUCATION

Lifeguard Training



SUNY ERIE
State University of New York

PE289 Lifeguarding(1 credit)



American
Red Cross

Lifeguarding for the Professional Rescuer

8550

Grades 10,11,12

½ credit

- ⊗ **Required: Grade 10 students must receive instructor permission**
- ⊗ **Recommended: Students to be 15+ at start of the course and have above average proficiency in swimming**

The American Red Cross requires students to be age 15+ at start of course and must demonstrate an above average proficiency in swimming. Students must swim a minimum of 300 yards continuously, then swim an additional 25 yards holding a 10 pound weight (brick) without stopping and also have the ability to tread water for 2 minutes, no arms.

The purpose of this class is to teach students the knowledge and skills needed to prevent and respond to aquatic emergencies. The course content and activities prepare students to recognize and respond quickly and effectively to emergencies. Upon successful completion of all course requirements, students will earn American Red Cross certification for Lifeguarding for the Professional Rescuer (includes CPR/AED/First Aid).



Math – Planning Guide

Beginning in Grade 8, follow one of the pathways outlined below. (see Math – Planning Flowchart for a visual representation)

Regents Math

ALL STUDENTS FOLLOWING REGENTS MATH TAKE

- | | | |
|-------------|----------|---------|
| ✓ Math 8 | 1 credit | Grade 8 |
| ✓ Algebra I | 1 credit | Grade 9 |

Then follow Path A below. Path B is by recommendation ONLY

Path A

All required courses above plus

- | | | |
|--------------|----------|----------|
| ✓ Geometry | 1 credit | Grade 10 |
| ✓ Algebra II | 1 credit | Grade 11 |

And any ONE of the following choices

- | | | |
|--|----------|----------|
| <input type="checkbox"/> SUNY Pre-Calculus | 1 credit | Grade 12 |
| <input type="checkbox"/> AP Statistics | 1 credit | Grade 12 |
| <input type="checkbox"/> AP Computer Science | 1 credit | Grade 12 |

Path B (by recommendation only)

All required courses above plus

- | | | |
|--|----------|----------|
| ✓ Geometry (Lab) | 1 credit | Grade 10 |
| ✓ Algebra II (Lab) | 1 credit | Grade 11 |
| ✓ College Math | 1 credit | Grade 12 |
| ▪ 1 st sem – exam prep for Algebra II retries | | |
| ▪ 2 nd sem – College Entrance Math | | |

And any ONE of the following choices

- | | | |
|--|----------|----------|
| <input type="checkbox"/> SUNY Pre-Calculus | 1 credit | Grade 12 |
| <input type="checkbox"/> AP Statistics | 1 credit | Grade 12 |
| <input type="checkbox"/> AP Computer Science | 1 credit | Grade 12 |

Honors Math

ALL STUDENTS FOLLOWING HONORS MATH TAKE

- | | | |
|-------------|----------|---------|
| ✓ Algebra I | 1 credit | Grade 8 |
|-------------|----------|---------|

Then follow Honors or Regents Track Below

Honors Track

- | | | |
|------------------|----------|----------|
| ✓ Geometry (H) | 1 credit | Grade 9 |
| ✓ Algebra II (H) | 1 credit | Grade 10 |

Then stay path or decelerate

Stay Path

- | | | |
|--------------------|----------|----------|
| ✓ Pre-Calculus (H) | 1 credit | Grade 11 |
| ✓ AP Calculus | 1 credit | Grade 12 |

Decelerate

- | | | |
|---|----------|----------|
| ✓ SUNY Pre-Calculus | 1 credit | Grade 11 |
| <input type="checkbox"/> Calculus (R) | 1 credit | Grade 12 |
| Optional after completing SUNY Pre-Calc | | |

Regents Track

- | | | |
|------------------|----------|----------|
| ✓ Geometry (R) | 1 credit | Grade 9 |
| ✓ Algebra II (R) | 1 credit | Grade 10 |

Honors and Regents Tracks - Additional Options

- | | | |
|--|----------|----------------|
| <input type="checkbox"/> AP Statistics | 1 credit | Grade 11 or 12 |
| <input type="checkbox"/> AP Computer Science | 1 credit | Grade 11 or 12 |

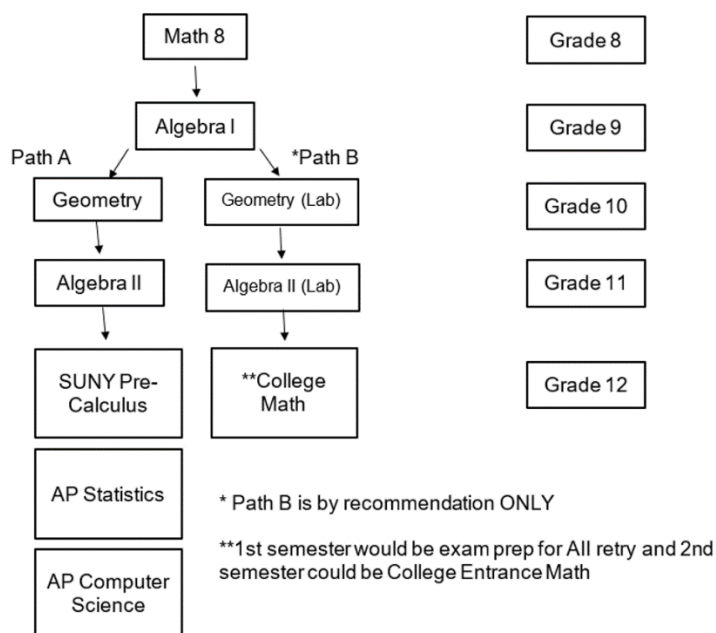


Math – Planning Flowchart

Visual representation of the pathways beginning in Grade 8. For a detailed text version, see Math – Planning Guide.

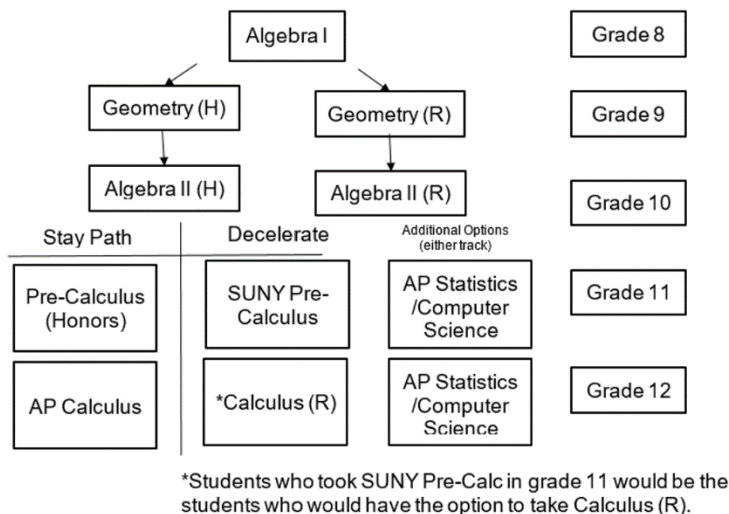
Flowchart 1: Regents Pathway

Regents:



Flowchart 2: Honors Pathway

Honors:





Math - Course Descriptions

Algebra



Passing the NYS Regents Algebra exam is [required for graduation](#)

3538

Grade 9

1 credit

⊗ **Required: TI 84+ Graphing Calculator**

Algebra is the first mathematics course in the high school. Algebra provides tools and ways of thinking that are necessary for solving problems in a wide variety of disciplines. This course will assist students in developing skills and processes to be applied using a variety of techniques, including technology, to successfully solve problems in a variety of settings including: linear equations in one variable, quadratic functions with integral coefficients and roots as well as absolute value and exponential functions. Students will take the NYS Regents Algebra exam in June. ***Passing this exam is required for graduation.***

Double Block Algebra

⊗ **Teachers and Counselors work together to determine placement**

⊗ **Required: TI 84+ Graphing Calculator**

Double Block Algebra is an Algebra course in which students have math two consecutive periods every day. Algebra is the first math course that students take in high school, and students must take the NYS Algebra Exam in June as it is a requirement for graduation. This course will assist students in developing skills and techniques, including technology, to successfully solve problems in a variety of settings. Major topics include linear functions, quadratic functions and exponential functions. In Double Block, students will have extra time to participate in team building activities, work on white boards, complete math games and projects, and participate in other hands-on activities to enhance understanding.

Honors Geometry



NYS Regents Geometry exam is the 2nd of 3 required for [Regents Diploma w/ Advanced Designation](#)

3433

Grade 9

1 credit

⊗ **Recommended: Successful completion of accelerated Algebra with final average of 83+% and NYS Regents Algebra exam score of 80+%**

⊗ **Required: TI 84+ Graphing Calculator**

Geometry is the second course in mathematics for high school students. Within this course, students will have the opportunity to make conjectures about geometric situations and prove in a variety of ways, both formal and informal, that their conclusion follows logically from their hypothesis. Students will use the traditional tools of compass and straightedge. Geometry is meant to lead students to an understanding that reasoning and proof are fundamental aspects of mathematics and something that sets it apart from the other sciences. Students will take the NYS Regents Geometry exam in June. This exam is the second of three math exams required for an Advanced Regents diploma.



Geometry Regents



NYS Regents Geometry exam is the 2nd of 3 required for [Regents Diploma w/ Advanced Designation](#)

3422

Grade 10

1 credit

⊗ Required: TI 84+ Graphing Calculator

Geometry is the second course in mathematics for high school students. Within this course, students will have the opportunity to make conjectures about geometric situations and prove in a variety of ways, both formal and informal, that their conclusion follows logically from their hypothesis. Students will use the traditional tools of compass and straightedge. Geometry is meant to lead students to an understanding that reasoning and proof are fundamental aspects of mathematics and something that sets it apart from the other sciences. Students will take the NYS Regents Geometry exam in June. This exam is the second of three math exams required for an Advanced Regents diploma.

Geometry Regents Lab

⊗ Teachers and Counselors work together to determine placement

⊗ Required: TI 84+ Graphing Calculator

Geometry is the second course in mathematics for high school students. Students will have a lab period for reinforcement every other day. Within this course, students will have the opportunity to make conjectures about geometric situations and prove in a variety of ways, both formal and informal, that their conclusion follows logically from their hypothesis. Students will use the traditional tools of compass and straightedge. Geometry is meant to lead students to an understanding that reasoning and proof are fundamental aspects of mathematics and something that sets it apart from the other sciences. In addition to meeting on a daily basis, students will have an additional reinforcement period every other day. Students will take the NYS Regents Geometry exam in June. This exam is the second of three math exams required for an Advanced Regents diploma.

Honors Algebra II



NYS Regents Algebra II exam is the capstone of 3 required for [Regents Diploma w/ Advanced Designation](#)

3521 Grades 10,11

1 credit

⊗ Recommended: Successful Completion of Honors Geometry & NYS Regents Algebra Common Core final exam score of 80+%

⊗ Required: TI 84+ Graphing Calculator

Algebra II is an upper-level course and a continuation and extension of the two courses that precede it. While developing the algebraic techniques that will be required of students who continue their study of mathematics, this course is also intended to continue developing alternative solution strategies and algorithms. Technology will provide students the means to address a problem situation to which they might not otherwise have access. Students will take the NYS Regents Algebra II exam in June.



Algebra II Regents



NYS Regents Algebra II exam is the capstone of 3 required for [Regents Diploma w/ Advanced Designation](#)

3522

Grades 10, 11

1 credit

⊗ **Required: TI 84+ Graphing Calculator**

Algebra II is an upper-level math course and is a continuation and extension of Algebra I and Geometry. While developing the algebraic techniques that will be required of students who continue their study of mathematics, this course is also intended to continue developing alternative solution strategies and algorithms. Technology will provide students the means to address a problem situation to which they might not otherwise have access. Students will take the NYS Regents Algebra II exam in June.

Algebra II Regents Lab

⊗ **Teachers and Counselors work together to determine placement**

⊗ **Required: TI 84+ Graphing Calculator**

3523

Grades 10, 11

1 credit

Algebra II an upper-level math course and is a continuation and extension of Algebra I and Geometry. While developing the algebraic techniques that will be required of students who continue their study of mathematics, this course is also intended to continue developing alternative solution strategies and algorithms. Technology will provide students the means to address a problem situation to which they might not otherwise have access. In addition to meeting on a daily basis, students will have an additional reinforcement period every other day. Students will take the NYS Regents Algebra II exam in June.

Honors Pre-Calculus



3014

Grade 11

1 credit

⊗ **Recommended: This course should be considered by highly motivated students only**

⊗ **Recommended: A final average of 85+% in Honors Algebra II and the NYS Regents Algebra II exam**

⊗ **Required: TI 84+ Graphing Calculator**

The objective of this course is to keep the students who are planning to take AP Calculus in their senior year together for two years so the needless repetition of topics can be eliminated and the students can gain an appreciation for rigorous mathematical investigation. This course should be considered only by highly motivated students and will include the first 2 chapters of AP Calculus. Students will take a teacher made assessment in June.



Pre-Calculus

BUFFALO STATE
The State University of New York

MAT124 Functioning and Modeling II (4 credits)

3013

Grades 11, 12

1 credit

⊗ **Recommended:** A final average of 75+% in Honors Algebra II and 65+% the NYS Regents Algebra II exam

⊗ **Recommended:** Algebra II students should seek teacher recommendation

⊗ **Required:** TI 84+ Graphing Calculator

This course is designed to provide a sound foundation for seniors who are planning to enter a four-year college after graduation. Students in this class will deepen their algebraic skills as this course will emphasize mathematical thinking, the use of mathematical models and the understanding of mathematical functions and graphs. Beginning concepts of Calculus will be introduced. Students will have the opportunity to take this course for **4 SUNY college credits**. Students will take a teacher made assessment in June.

AP Calculus (AB)

BUFFALO STATE
The State University of New York

MAT161 Calculus I & MAT163 Using Tech to explore Calculus (5 cr)

3412

Grade 12

1 credit

⊗ **Recommended:** This course should be considered by highly motivated and mature students only

⊗ **Recommended:** A final average of 80+% in Pre-Calculus Honors

This course consists of a full high school academic year of work that is comparable to 1.5 semesters of calculus in colleges and universities. It is expected that students who take AP Calculus will seek college credit, college placement, or both from post-secondary institutions of higher learning. Topics covered in this course include functions, graphs, limits, differential calculus and integral calculus. Applications of each topic are explored and the use of the graphing calculator is mandatory. In addition to the AP Exam in May, there will be a final assessment given by the instructor in June. This is a college level course and should be considered only by highly motivated and mature students.

Students have the opportunity to take this course for **5 SUNY college credits or AP college board credit**.

Calculus

3411

Grade 12

1 credit

⊗ **Recommended:** Successful completion of Pre-Calculus

⊗ **Required:** TI 84+ Graphing Calculator

This course is designed for students who successfully completed Pre-Calculus and are going to a four year college but are not planning on taking AP Calculus. The course consists of a full high school academic year of work that is comparable to one semester of calculus in colleges and universities. Topics covered in this course include functions, graphs, limits, differential calculus and integral calculus. This is a college level course and a great foundation for success in college calculus. Students will take a teacher made assessment in June.



AP Statistics



BUFFALO STATE
The State University of New York

MAT311 Introductory Probability and Statistics (3 credits)

3513

Grades 11, 12

1 credit

⊗ **Recommended:** This course should be considered by highly motivated and mature students only

⊗ **Recommended:** A final average of 85+% in Algebra II Regents

⊗ **Required:** TI 84+ Graphing Calculator

This is a full high school academic year course that is comparable to 1-2 semesters of introductory college statistics. Students who take AP Statistics seek to receive college credit, college placement, or both, from post secondary institutions. This course covers such topics as exploratory statistical analysis, proper methods for data collection, probability of anticipating outcomes from given models, and applying statistical inference guides when researching data. In addition to the AP Exam in May, there will be a final assessment given by the instructor in June. This is a college level course and should only be considered by highly motivated, mature students who possess above average math and writing skills.

College Math



SUNY ERIE
State University of New York

MT125 College Mathematics (4 credits)

1420

Grade 12

1 credit

⊗ **Teachers and Counselors work together to determine placement**

⊗ **Recommended:** Successful completion of Algebra II Regents Lab

⊗ **Required:** TI 84+ Graphing Calculator

This course is designed to provide a sound foundation for seniors who are planning to enter a two or four-year college after graduation. Algebra II skills are reviewed and extended. Functions, and their inverses are studied along with the properties, graphs and transformations of linear, quadratic absolute value, radical rational, logarithmic and exponential functions. Equations of the above functions as well as linear systems of equations and linear and absolute value inequalities are solved. Related application problems and projects are incorporated throughout. Students have the opportunity to earn **4 SUNY COLLEGE CREDITS**. Students retake the Regents Algebra II exam in January and take a teacher made assessment in June.

Life Math

3424

Grades 11, 12

1 credit

⊗ **Recommended:** Successful completion of a Geometry level course

This class shows how math topics apply to real-life situations. In this class, the topics covered include percentages, measurements, metric, fractions, unit conversions, checking accounts, bank fees, loans, taxes, work forms, problem solving, consumer purchases, credit, probability, odds, commissions, work related math skills, and much more. We will also work on listening, teamwork, and communication skills. Everything learned in this class will be put to good use immediately. This math class is truly for life.



Music Highlights

Music Major

To successfully complete a 5-credit major in Music, a student must participate in an in-school musical organization for four years and earn one credit of Music Theory.

Music Letter Criteria

- ✓ Satisfactory completion of 3 years of an In-school performing organization. This may include a combination of band, orchestra, or choir.
 - ✓ Satisfactory completion of 3 years in an Extra-Curricular performing organization. These include any combination of:
 - Marching Band
 - Jazz Ensemble
 - Show Choir
 - School Musical
 - Steel Band
 - Musical Pit
 - ✓ Performance at one NYSSMA/ECMEA sponsored solo festival
 - ✓ Satisfactory completion of Music Theory
-

Extra-Curricular Music Activities

- ▶ [LCSD Music Website](#)
- ▶ [Academy of the Visual and Performing Arts Website](#)
- Academy of the Visual and Performing Arts – Dinner Theatre Ensemble
- Brass Choir
- Jazz Ensemble
- Marching Band
- Tenor/Bass Choir
- Musical – Performing Arts
- Pit Orchestra
- Show Choir
- Stage Crew
- Steel Band (CKSO)
- Vocal Jazz
- Winter Guard – Varsity
- **Woodwind Choir**



Performance Ensembles – Choral Program

All types and forms of music are studied and performed for the development of skills. Seasonal and competitive concerts involving mandatory attendance are held.

Concert Choir – Advanced Ensemble



6352	Grades 10,11,12	1 credit
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⊗ Prerequisite: Audition

Mixed Choir – Training Ensemble

6356	Grades 9 (men), 10,11,12	1 credit
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⊗ Prerequisite: Audition

Musical Theatre Ensemble (Training)

6533	Grades 9,10,11,12	1 credit
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Performance Ensembles – Instrumental Program

All types and forms of music are studied and performed for the development of skills. Seasonal and competitive concerts involving mandatory attendance are held.

These groups study and perform all styles and types of music to develop skills. Four seasonal concerts, guest artists, competitions and festivals comprise the performance schedule. Participation during rehearsals, lessons and concerts is mandatory. Lessons once a week are required.

Symphonic Band - Advanced Ensemble



6535

Grades 9,10,11,12

1 credit

⊗ Prerequisite: Audition

Wind Symphony - Intermediate Ensemble

6537

Grades 9,10,11,12

1 credit

⊗ Prerequisite: Audition

Concert Band - Training Ensemble

6531

Grades 9,10,11,12

1 credit

String Orchestra

6534

Grades 9,10,11,12

1 credit

⊗ Prerequisite: Previous experience in orchestra playing a string instrument.

This course is open to all string instrumental students. Orchestra will perform music from various genres including classical and contemporary

Symphony Orchestra



6538

Grades 9,10,11,12

1 credit

⊗ Prerequisite: Audition

This course is an advanced orchestra for the more serious string student. The Orchestra will perform music from various genres including classical and contemporary. Students will have the opportunity to perform both string and full orchestra music.



Music - Course Descriptions

Music Theory 1

6530

Grades 10,11,12

1 credit

⊗ **Recommendation:** Band, Orchestra or Choir experience

This course helps students develop an understanding of the elements of music while putting those elements to practical use. Students will learn more about reading, writing, and analyzing music utilizing written and aural examples from all time periods of music. Basic piano skills, an overview of music history, and the incorporation of music technology will enhance each student's learning experience.

AP Music Theory



6528

Grade 11.12

1 credit

⊗ **Recommendation:** Music Theory 1

AP Music Theory is an expansion and continuation of topics covered in Music Theory I. This college level course includes instruction in musical terminology as well as notational, compositional, musical analysis, and aural skills. Students may take the AP Music Theory Exam in the spring to earn college credit.

Tech in Music

6543

Grades 11,12

½ credit

⊗ **Recommendation:** Music Theory 1

This course is a hands on class that will expand your knowledge and skills in music technology! Students will learn to compose, arrange and edit with notation software. They will create multi-track compositions and recordings using a digital audio workstation (DAW). Ensemble experience and a background in music theory are highly recommended.

Piano and Guitar Performance

6544

Grades 11,12

½ credit

⊗ **Recommendation:** Music Theory 1

Are you currently enrolled in a performing ensemble? Have you always wished you could learn to play piano or guitar? This course is for you! This course is designed for students who have completed Music Theory I but have little/no experience playing piano and guitar. Students will have basic performance skills on both instruments and present a short recital (in class) at the end of the semester.



Music Composition and Improvisation

6545

Grades 11,12

½ credit

⊗ **Recommendation: Music Theory 1 and Tech in Music**

Did you ever wish you could create a song to the melody in your head? This course is designed to introduce advancing music students to the creative world of composition and improvisation. Students will develop skills in the areas of writing and performing original music. The students will serve as the creators, critics and performers of their own material!! Students will learn the compositional elements of style and form as they explore the rhythmic, melodic and harmonic aspects of creating music.

Beginning Guitar

6546

Grades 9,10,11,12

½ credit

This class is an opportunity for students without performance experience to increase their knowledge and understanding of music while learning to play the guitar. Course topics include basic theory skills and guitar performance. No previous musical experience required! This course may be taken with other music courses to earn a ½ or full credit in music.

Beginning Piano

6547

Grades 9,10,11,12

½ credit

This class is an opportunity for students without performance experience to increase their knowledge and understanding of music while learning to play the piano. Course topics include basic theory skills and piano performance. No previous musical experience required! This course may be taken with other music courses to earn a ½ or full credit in music..

Musical Theatre Ensemble

6533

Grades 9,10,11,12

⊗ **Required: Students must be enrolled in another choir.**

⊗ **No Audition**

This class has a concentration in ensemble singing, with additional elements such as dancing, blocking, and acting, based on students' interests. Focus is placed on development of healthy vocal technique, and the integration of character development into the performance of selections from the Musical Theater repertoire. Students will take part in musical theater vocal ensemble performances, as well as some small ensemble and solo performances in the spring.



Science - Course Descriptions

Living Environment

4310

Grades 9,10

1 credit - Life Science

In this course, students will survey a variety of living organisms to understand general principles of Biology. This includes, but is not limited to: the study of interacting structures and organ systems that carry out life processes; feedback mechanisms to maintain homeostasis; the flow of energy and matter within ecosystems and interactions within ecosystems; how genetic information is passed down and how genetics influences traits; how biological evolution arises from variation of traits and how evolution accounts for the unity and diversity of life; and how coevolution of life with Earth systems influences cycling of matter within and between Earth's systems.

Earth Science - Physical Setting



NYS Regents exam

4309

Grades 9,10

1 credit - Physical Science

⊗ **Recommended: Course credit for Living Environment**

This course includes the study of five general areas: Space Systems: The study of the origin, evolution and composition of our expanding universe. History of Earth: Applying reasoning and evidence to account for formation and history of Earth. Earth Systems: To develop models that demonstrate the coevolution of life with Earth's changing systems. Weather and Climate: The mechanics, description and prediction of weather and climates. Human Sustainability: Evidence based explanation of climate change and simulation for sustainability. Engineering Design: Analyze models for the management of systems, social needs, environmental impacts and real-world problems. Written or Digital lab reports are required. ***This course has double periods that alternate with a single period class.***

Honors Earth Science - Physical Setting



NYS Regents exam.

4409

Grade 9

1 credit - Physical Science

⊗ **Recommended: Course average of 85+% in Living Environment and score of 85+% on Living Environment Regents Exam**

This rigorous course is designed for highly motivated, science-oriented students with both the interest and potential to major in science in college. In addition to meeting all requirements for the Physical Setting – Earth Science course, this fast-paced course will provide a broader and more in-depth study. This course includes the study of five general areas: Space Systems: The study of the origin, evolution and composition of our expanding universe. History of Earth: Applying reasoning and evidence to account for formation and history of Earth. Earth Systems: To develop models that demonstrate the coevolution of life with Earth's changing systems. Weather and Climate: The mechanics, description and prediction of weather and climates. Human Sustainability: Evidence based explanation of climate change and simulation for sustainability. Engineering Design: Analyze models for the management of systems, social needs, environmental impacts and real world problems. Written or Digital lab reports are required. ***This course has double periods that alternate with a single period class.*** The final assessment is the New York State Regents exam.



Honors 9th Grade Chemistry - Physical Setting



NYS Regents Exam

PROJECT LEAD THE WAY
PLTW

Recommended

4211

Grade 9

1 credit-Physical Science

- ⊗ **Recommended: Score 90+% in Living Environment and Algebra courses**
- ⊗ **Recommended: Score 85+% on the Living Environment and Algebra Regents Exams**

This course deals with both the theoretical foundations of chemistry and its many applications to everyday life. Topics include matter and energy, phases of matter, atomic structure, nuclear chemistry, the periodic table, bonding, kinetics and equilibrium, acids and bases, electrochemistry, and organic chemistry. Students must have a working knowledge of ratios, proportions and algebra along with the ability to express themselves in writing. Skills to be developed during the course include making connections between concepts and everyday life, problem solving, characterizing concepts and ideas in written form, and carrying out laboratory procedures. Students will be actively participating in inquiry based labs and completing written lab reports. ***Double periods alternate with single period classes.*** The final assessment is the New York State Regents exam.

Chemistry - Physical Setting



NYS Regents Exam

PROJECT LEAD THE WAY
PLTW

Recommended

4311

Grades 10,11,12

1 credit - Physical Science

- ⊗ **Recommended: Score 70+% on Earth Science Regents Exam**
- ⊗ **Recommended: Score of 70+% on Integrated Algebra and Geometry Common Core Exams**
- ⊗ **Recommended: Credit or concurrent enrollment in Algebra 2 or Applied Algebra 2**

This course deals with both the theoretical foundations of chemistry and its many applications to everyday life. Topics include matter and energy, phases of matter, atomic structure, nuclear chemistry, the periodic table, bonding, kinetics and equilibrium, acids and bases, electrochemistry, and organic chemistry. Students must have a working knowledge of ratios, proportions and algebra along with the ability to express themselves in writing. Skills to be developed during the course include making connections between concepts and everyday life, problem solving, characterizing concepts and ideas in written form, and carrying out laboratory procedures. Students will be actively participating in inquiry based labs and completing written lab reports. ***Double periods alternate with single period classes.*** The final assessment is the New York State Regents exam.



Honors Chemistry – Physical Setting



NYS Regents Exam

4411

Grades 10,11,12

1 credit – Physical Science

- ⊗ **Recommended: Score 85+% on Earth Science Regents Exam**
- ⊗ **Recommended: Score of 85+% in Geometry**
- ⊗ **Recommended: Credit or concurrent enrollment in Algebra 2**

This course is intended as a college and AP preparatory class. This course includes all requirements for the Physical Setting: Chemistry course plus additional topics, advanced problem solving, and higher-level mathematical skills. Students must have a good working knowledge of ratios, algebra, unit conversions, scientific notation, and logarithms. In addition, students must have the ability to communicate scientific concepts in written form. Students will be required to design and perform laboratory experiments and complete written lab reports. ***Double periods alternate with single period classes.*** The final assessment for this course is the New York State Regents Exam

Physics – Physical Setting

PROJECT LEAD THE WAY
PLTW

Recommended

4312

Grades 10,11,12

1 credit – Physical Science

- ⊗ **Recommended: Regents credit for Living Environment**
- ⊗ **Recommended: Regents Exam Score of 70+% for both Earth Science and Chemistry**
- ⊗ **Recommended: Credit in Algebra 2 or Applied Algebra 2**

This course is designed for students with an interest in physics and engineering and a very good understanding of math. This course focuses on mathematical applications and problem solving of physics phenomena. A solid foundation in algebra and trigonometry is critical for success in this class. Physics is for students with a strong work ethic and an interest in engineering and science. Topics covered include Mechanics, Energy, Electricity, Magnetism, Waves and Modern Physics including the Standard Model. Satisfactory completion of laboratory work and written reports are required. This course is highly recommended for students enrolled in Project Lead the Way looking to pursue a career in engineering. ***Double periods alternate with single period classes.*** The final assessment for this course is the New York State Regents exam.



Honors Physics – Physical Setting



NYS Regents Exam



Recommended

4323

Grades 11,12

1 credit – Physical Science

- ⊗ **Recommended: Regents credit for Living Environment**
- ⊗ **Recommended: Regents Exam Score of 80+% for both Earth Science and Chemistry**
- ⊗ **Recommended: Credit in Algebra 2 or Applied Algebra 2**

This course is intended to enrich a student's study of physics beyond the Regents syllabus. This course is designed for students with an interest in physics and engineering and a very good understanding of math. This course focuses on mathematical applications and problem solving of physics phenomena. A solid foundation in algebra and trigonometry is critical for success in this class. Physics is for students with a strong work ethic and an interest in engineering and science. Topics covered include Mechanics, Energy, Electricity, Magnetism, Waves and Modern Physics including the Standard Model. Satisfactory completion of laboratory work and written reports are required. This course is highly recommended for students enrolled in Project Lead the Way looking to pursue a career in engineering. ***Double periods alternate with single period classes.*** The final assessment for this course is the New York State Regents exam.

AP Biology



4410

Grades 11,12

1 credit – Life Science

- ⊗ **Recommended: Regents credit for Living Environment**
- ⊗ **Recommended: Regents or Honors credit for Chemistry**

Advanced Placement Biology is a college level course designed for students with an interest in a college degree in biology or a biology related field. Topics that are covered are Cells, Heredity, Molecular Genetics, Evolution, Diversity of Organisms, Structure and Function of Plants and Animals and Ecology. Students will participate in college level labs exploring such areas as diffusion and osmosis, gel electrophoresis, genetics, animal behavior and photosynthesis. This course includes a summer reading assignment to review some basic concepts learned in Living Environment. Students are expected to take the AP exam in May. ***Double periods alternate with single period classes***



AP Advanced Studies Chemistry



CH180/1 Univ Chemistry I + lab, CH182/3 Univ Chemistry II + lab (3 cr)

4511

Grades 11,12

1 credit – Physical Science

⊗ **Recommended: Final Average of 85+% in Honors Chemistry or 90+% in Regents Chemistry**

This course is designed for students with an interest and ability in chemistry, whether they are science majors wishing to gain a college-level experience, or non science majors hoping to fulfill their college science credit. ***Students can choose to earn AP Exam credit through the College Board or college transfer credit through SUNY Erie's Advanced Studies Program.*** Students will extend their knowledge and skills in various areas of chemistry explored in their previous chemistry course. The class consists of notes taken from video lectures at home, partner practice, daily classwork and extensive lab procedures performed in class. Tests include topics from two chapters and consist of AP -style multiple choice and free response questions. A project involving the topics of Electronic Structure and the Periodic Table will be assigned over the summer and tested on the second week of school. ***Double periods alternate with single period classes.***

AP Computer Science A



3414

Grades 11, 12

1 credit

⊗ **Recommended: Successful completion of AP Computer Science Principles (Technology Department)**

AP Computer Science A is designed to be an introductory college-level course in computer science. It emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development. The coursework will include the following topics: Primitive Types, Using Objectives, Boolean Expressions and If Statements, Iteration, Writing Classes, Array (List, 2D), Inheritance and Recursion. Current offerings of the AP Computer Science A Exam require the use of Java (those sections of the exam that require the reading or writing of actual programs), and therefore the AP Computer Science A course focuses on Java for coding. The course is based on numerous problem solving exercises, labs, and case studies, which require students to design and implement Java classes. The course requires 40-50 hours of hands-on work in a computer lab.



AP Environmental Science



4512

Grades 10,11,12

1 credit – Physical Science

- ⊗ **Recommended: Regents credit for Living Environment, Earth Science**
- ⊗ **Recommended: Credit or concurrent enrollment in Regents or Honors Chemistry**

Advanced Placement Environmental Science is designed for students with an interest in gaining experience in a college-level science class during high school, or for students with a desire for in-depth study of our natural world, how humans impact our world, and ways we may reduce our impact on our planet. Topics covered in this course include local and unique ecosystem studies, human and animal population investigations, land and water use, energy and resource consumption, pollution in its various forms, and global climate change. The class format consists of lecture and discussion, and a robust field investigation component involving the collection and analysis of environmental data. In addition, extensive reading, writing, and practice is expected outside of class. Students are expected to take the AP Exam with the opportunity to earn college credit for the course.

Double period labs alternate with single class periods.

AP Physics C



BUFFALO STATE
The State University of New York

PHY111 Univ Physics 1 + lab (4 cr)



PLTW

Rec..

4333

Grades 11,12

1 credit – Physical Science

- ⊗ **Recommended: Course credit in Honors Physics or teacher recommendation for Regents Physics**

This course is designed for students who desire a college degree in engineering, mathematics, physics or related scientific fields (including medical and veterinary studies). Students enrolled in the Project Lead the Way program are highly encouraged to take this course. ***Students can choose to earn AP Exam credit through the College Board and/or college transfer credit through Buffalo State University.*** AP Physics C will engage students in studies of Newtonian Mechanics which correspond to a first year, calculus-based physics course designed for scientists and engineers. Along with knowledge of physics concepts, the main spirit of this course is the development and practice of mathematical application and problem-solving skills. Solid foundations in algebra and trigonometry are essential; the needed calculus tools will be explored as part of the curriculum. ***Double period labs alternate with single class periods.*** All students take the less rigorous SUNY final exam at the end of the course, whether or not they are seeking SUNY credit. ***Only those opting for AP credit take the AP exam.*** Please check with future college and university interests to determine which credits are transferable.



Honors – Principles of Biomedical Sciences (Project Lead the Way)



9160

Grades 10,11,12

1 credit

⊗ **Recommended: Course credit in Living Environment and Algebra**

In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing, and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems. Summer project to examine fundamental concepts which will be assessed at the beginning of the school year. Students are expected to take the AP Exam with the opportunity to earn college credit for the course.

Astronomy

4015

Grades 10,11,12

1 credit – Physical Science

⊗ **Recommended: Regents Exam Credit for Physical Setting; Earth Science and credit in two science courses (Regents or higher)**

This is a basic course studying one of the oldest sciences. History and the tools of astronomy will be studied. Extensive examination of the solar system, including information received from our most recent probes, orbiters, and landers. Evolution of stars, galaxies, and deep space will be covered. History and current status of the space program as well as the future of space will be thoroughly examined. Math concepts are not emphasized and will be developed as needed. It meets for one period every day. The final assessment for this course is written by the instructor.

General Anatomy and Physiology

4011

Grades 11,12

1 credit – Life Science

⊗ **Recommended: Regents Exam and course credit for Living Environment and course credit for Physical Setting; Earth Science**

This course involves an in-depth study of the structure and function of the human body. Topics include integumentary, skeletal, muscular and nervous systems and current topics in medicine/Allied health. It meets for one period every day. The final assessment for this course is written by the instructor.



Meteorology

4025

Grades 10,11,12

1 credit – Physical Science

- ⊗ **Recommended: Regents exam credit for Physical Setting Earth Science**
- ⊗ **Recommended: Course credit in two science courses (Regents or higher)**

Do you want to learn more about the weather? Join us for a year-long adventure in the science of meteorology. Outdoor and indoor experiments supplement the topics studied in this course including: lake-effect snow, tornadoes, hurricanes, weather forecasting, severe weather and climate change. This class will meet for one period each day. The final assessment for this course is written by the instructor.

Oceanography

4577

Grades 10,11,12

1 credit – Physical Science

- ⊗ **Recommended: Regents exam credit for one science course**
- ⊗ **Recommended: Credit for Living Environment**
- ⊗ **Recommended: Credit for Physical Setting – Earth Science**

This course is designed to develop an understanding of the fundamentals of Earth's Oceans. Oceans cover three quarters of Earth's surface. The impact of ocean environments on the atmosphere and land areas of Earth is tremendous. Topics in this course include but are not limited to the importance of coral reefs; marine animals and their habitats; causes and effects of ocean currents; exploration of oceans including remote sensing and personal exploration; the nature of the seafloor, and the effects human activities have on the oceans. Lab activities will be included. It meets for one period every day. The final assessment for this course is written by the instructor.

Science in the Media / Forensics

4578

Grades 10,11,12

1 credit – Physical Science

- ⊗ **Recommended: Regents exam credit for one science course**

This course covers both biology and principles of physics as well as an extensive Forensic Science unit. Several science fiction films will be viewed and critiqued as to the authenticity of the science portrayed. Students will have to complete several independent studies of commercials, films, or television shows, as well as individual scientific experiments. A research paper will also be required. The Forensic portion will include the study of crime scene investigation, evidence collection and analysis, case studies and crime processing techniques. Blood spatter, fingerprinting, and DNA analysis will be included in a laboratory setting. This class meets for one period every day. The final assessment for the course is written by the instructor.



Social Studies Overview

The Social Studies Department at Lancaster High School is proud to provide our motivated students with the opportunity to earn the equivalent of at least 12 college credits upon completion of all AP courses offered at LHS.

Social Studies - Course Descriptions

Global History I

2309

Grade 9

1 credit

Global Studies I provides for a chronological study of the world from prehistoric times to approximately 1750. It emphasizes physical settings, cultural development and interdependence. The final is a school-generated exam. The second half of this course, Global Studies II, continues in Grade 10, concluding with a State Regents exam, the passing of which is required for graduation.

AP World History 10

NYS Global History Regents Exam [required for graduation](#)

2510

Grade 10

1 credit

⊗ **Recommended: Global I average of 90+% and Global I teacher recommendation**

AP World History is a college level course that extends over two years. This course develops a greater understanding of the evolution of global processes and the contacts in interaction with different types of human societies from the earliest human societies to the present. AP World History is designed for college bound students who are highly motivated in Social Studies. Students should have high academic standing and exhibit strong reading, writing and comprehension skills. College level readings, major written assignments and projects will all be emphasized. This course prepares students for the AP World History Exam that will be offered in the spring. **Students are required to take the New York State Regents Exam** for Global History and Geography that will be given in June during exam week.

Global History II

NYS Global History Regents Exam [required for graduation](#)

2310

Grade 10

1 credit

A chronological study of the units of Global History which include the Middle East, Latin America, Africa, South/Southeast Asia, Western Europe, Russia/Eastern Europe, China and Japan. Global History 10 will examine the period from 1750 to the present. Topics within this time period will include physical and historical setting; dynamics of change; contemporary nations and cultures; economic development; and the areas within the global context. The course will culminate with the New York State Comprehensive Regents exam in June.



AP United States History



2411

Grades 11, 12

1 credit

⊗ **Recommended: Global II average of 90+% and Global II teacher recommendation**

This course is for highly motivated and dedicated students and will make demands on them similar to those of an introductory college course. The history of the United States is presented in chronological fashion with particular attention paid to significance and varying interpretation of events. Students will use college level text and learn study and research skills necessary for success in college. AP exam given in May and the Regents exam in June.

United States History and Government



NYS US History Regents Exam [required for graduation](#)

2311

Grade 11

1 credit

A chronological survey starting with the development of the British colonies in America and leading up to the present. Emphasis is placed on the structure of the American government, economic development after the Civil War, and international relations. **Regents exam is taken in June.**

AP American Government and Politics



2026

Grade 12

½ credit

⊗ **Recommended: Regents or AP American History and/or teacher recommendation.**

American Government & Politics is designed for the highly motivated student and is the equivalent of a college entry level course. College level textbooks, readings and resources will be used. The course replaces the state mandated Participation in Government course normally required for graduation. This course focuses on a variety of current topics in U.S. government. They include changing American demographics, voter participation, the media, political parties, interest groups & PAC's, the powers designated to each branch of government, the bureaucracy, the constitution, federalism and civil rights. The AP exam is offered for this course in May. A school-prepared final exam will be given in January.



AP Macroeconomics



2027

Grade 12

½ credit

⊗ **Recommended: Regents or AP American History and/or teacher recommendation.**

Macroeconomics is designed for highly motivated students and is equivalent to a college level introductory course. College level textbooks, readings and resources will be used. This special honors program replaces the state mandated Economics course normally required for graduation. The course analyzes changes in aggregate supply and demand, the role of government in the economy, and the impact of foreign trade. Outside research and class presentations are required. AP exam offered in May, and school-prepared exam is given at the end of the semester.

Economics

2023

Grade 12

½ credit

This one-semester course in micro- and macro-economics provides an understanding of the principles of economics and how they apply to various elements of the economy, including consumers, business, labor and the government. Comparisons of competing economic systems and major components of the global economy will be made. In addition, students will compete with other schools in a stock market simulation. A local final exam is given at the end of the course. ***This course is a graduation requirement per New York State.***

Participation in Government

2012

Grade 12

½ credit

Focus is current national and international problems affecting the United States. Discussion is directed toward conflicting opinions on these issues and possible resolution of disagreement. Much emphasis on daily current events. Reports required on daily news topics and also broader issues based on media center research. Final exam is a school exam.

AP Psychology



2029

Grades 11,12

1 credit

⊗ **Recommended: Social Studies teacher recommendation.**

The course work is rigorous, with high expectations regarding student commitment and motivation. Students who have a history of attendance issues are discouraged from registering for this course. Students will be required to master psychology concepts and vocabulary terms. Coursework includes outside reading from the college level textbook, upper- level writing, and projects with deadlines, which will count as test grades. Enrichment activities include guest speakers, debates, videos and presentations. Students will also be given the opportunity to earn college credit in May with the AP exam.



History through Film

2030

Grades 11,12

½ credit

Have you ever watched a movie about a historical event and wondered, “How accurate is the movie compared to what happened in real life?”...Now you can find out by taking “History Through Film”...In this class, we will watch Hollywood produced movies based on historical events, and have discussions about the similarities and differences between what was shown in the movie and what actually happened historically. It is also a way to help learn more about a specific time period in US History, like the American Revolution, the Civil War, Immigration, the Roaring 20’s, the Civil Rights Movement, and many more!...The class is a ½ year or semester course, and will consist of watching the films, class discussions, and short tests based on each film...Films to be shown include Braveheart, The Patriot, Glory, Remember The Titans, We Were Soldiers, and Miracle, among others.

Leadership in Action



1416

Grade 12

1 credit

This one-credit course is project-based, with students utilizing a project-planning model to make a positive difference in the school and community. Students will exhibit responsibility, perseverance, respect and integrity while working as teams to set goals, design timelines, write proposals, create publicity, evaluate outcomes and write final reports. Leadership in Action students work in teams and complete one major project per quarter. Examples of past projects include:

- **Lancaster-Depew Week and Spirit Week** activities such as the Bonfire, Motorcade, Spirit Assemblies, Powder Puff Game, Homecoming Dance, Spirit Bowl, Mr. Lancaster, Building Decorations, etc.
- **Social activities** such as the Courtyard Dance, Freshman Mixer, Spring Courtyard Dance, Prom, Homecoming, etc.
- **Holiday projects** such as Jingle Links, Cookie Marathon, Coloring Contest, Holiday Food Drive, Santa Grams, Christmas Tree Contest, Building Decorations, etc.
- **Senior Class projects** such as Red Cross Blood Drives, Senior Mural, Senior Dinner Dance, Senior Apparel Sale, Senior Day, Senior Recognition Program, etc.
- **Community service projects** such as Group Home Socials, Food Drives, US Troop Support Program, Project Clean Your Locker, Lancaster Youth Bureau Holiday Distribution, etc.
- **School service projects** such as Freshman Orientation, 8th Grade Information Night, Recycling, and Appreciation Luncheons for various LCSD employee groups, Class Mural Revitalization, SOAR, etc.

Students must complete assignments outside of class time as a component of their quarterly grade. During each quarter, students must complete 15 school and 10 community service hours.

Goals of the Course

- To further develop and enhance your leadership skills
- To learn and grow through experience
- To foster the development of life-long community servants
- To help you discover your passion
- To make a positive impact on your school and community
- To successfully develop projects in a small group setting
- To understand and utilize a Project Planning Model
- To help you practice creative problem solving methods
- To give you the opportunity to work with different individuals in a small group
- To cultivate your communication and listening skills
- To carry on traditional LHS events/programs
- To develop and institute new programs which meet the needs of LHS students, our school, and or community

Over the years the Leadership in Action class has become a very active and high-profile class, *but* it should be noted that it also places students in *high-stress* situations that demand much time and effort as well as constant commitment. This course will be rewarding to those who enjoy a mental, emotional and physical challenge. It may be too stressful for those students who would like to enjoy a relaxing senior year.

**Follow our Twitter page @LHSNYtech**

Take charge of your future with the successful completion of a CTE track in technology.

Some technology courses are offered every other year, please check the descriptions to see if your favorite course is available next year.

Technology Career Path Road Map

Trade/CTE (Hands on Focus)

- Drawing and Design for Production (Tech or Engineering)
- Home Repair and Maintenance I - ½ year
- Home Repair and Maintenance II – ½ year
- Design and Fabrication Lab – ½ year
- Basic Electricity and Electronics – ½ year
- Architectural Drafting – ½ year
- 3D Architectural Design – ½ year

Trade/CTE (Computer Focus)

- Drawing and Design for Production (Tech or Engineering)
- Computer Graphics - ½ year
- Computer Animation – ½ year
- Media Productions
- Computer Science Engineering (Honors)
- Basic Electricity and Electronics – ½ year
- Architectural Drafting – ½ year
- 3D Architectural Design – ½ year

Project Lead the Way (Honors)

- Gr 09: Drawing and Design for Production (DDP)
- Gr 10: Computer Science Essentials ½ year
- Gr 10: Principles of Engineering (POE)
- Gr 10: AP Computer Science Principles (APCSP)
- Gr 11: Digital Electronics (DE)
- Gr 11: Computer Integrated Manufacturing (CIM)
- Gr 12: Engineering Design and Development

Manufacturing & Skilled Trades Academy

- Gr 10: Trade Apprentice
- Gr 11: Trade Journeyman
- Gr 11: Advanced Manufacturing
- Gr 11: Construction Drawings & Modeling
- Gr 12: Trades Senior Project I
- Gr 12: Trades Senior Project II



Trade / CTE Technology - Course Descriptions

Home Repair and Maintenance I

9115 (Fall)

Grades 9, 10, 11, 12

½ credit

Learn how construction is done. A variety of hand and power tools will be used to complete laboratory activities. The student will also have an opportunity to become familiar with the various materials and fasteners used in home repair and maintenance. Various systems in the home will also be studied: heating, water, electrical, security, sound, etc. Students can develop entry-level skills for future employment in the construction industry.

Home Repair and Maintenance II

9225 (Spring)

Grades 9, 10, 11, 12

½ credit

This is a hands-on course covering residential structures. Students will learn basics in carpentry, masonry, plumbing and electrical skills used to build a residential structure. Maintenance and repair of various systems will be stressed. Local building codes and new materials will be investigated. Students can develop entry-level skills for future employment in the construction industry.

Basic Electricity / Electronics

9110

Grades 10, 11, 12

½ credit

This course is designed to introduce students to the elements of electricity and electronics. This course offers hands-on experience in building various projects, house wiring, and Basic Electricity/Electronics using circuit boards. This offers an overview of the largest growing field today.

Design and Prototyping Lab (DPL)

9113

Grades 10,11,12

½ credit

⊗ **Recommended: All PLTW students should take this course to enhance their program experience**

⊗ **This is not an official PLTW course**

Fabrication Studio is hands-on experience in designing and manufacturing a product. Students will work as a team to design a product and organize all of the production needs from materials needed to processing tools and machines. Students may be exposed to cutting edge production methods like CNC Machining, Laser Cutting, and 3D Printing.

Architectural Drafting and Design

9177 Fall

Grades 9, 10, 11, 12

½ credit

This course will introduce students to the basic elements of the Architectural profession and the work of an Architect. Students will be introduced to drafting Architectural plans, such as site plans, floor plans, front elevations, and foundation plans. We will also focus on construction techniques and terminology used to create a building and standards used in the industry. Architectural Drafting & Design is a project-based course that involves drawing and model building. This course prepares students for college courses in the areas of architecture, interior design, structural/civil engineering, and drafting.



3D Architectural Design

9174 Spring

Grades 9, 10, 11, 12

½ credit

⊗ **Recommended: Architectural Drafting**

This course will build upon the basic elements learned in Architectural Drafting by introducing cutting edge 3-Dimensional software that will be used to create architectural structures. Students will produce computer-generated drawing sheets that contain items such as floor plans, elevations, schedules, and 3D realistic renderings. We will utilize *Autodesk Revit* software.

Computer Graphics

9127 Fall

Grades 9, 10, 11, 12

½ credit

Interested in creating images for a game or internet site? This course is your starting place! Learn the CGI basics of Adobe Photoshop and Illustrator while getting hands on experience using scanner applications, image correction, and illustration layout. Students will use a variety of Adobe software programs to develop layouts which are used in the CGI industry today.

Computer Animation

9128 Spring

Grades 9, 10, 11, 12

½ credit

Make your images move! The basics of cell frame animation, movement in a 3-D space, adding sound to a project, recording and editing your own audio will be taught. Use your Multimedia projects for a college application, or you can use your new knowledge to create great presentations for your other classes. Adobe Photoshop, Adobe After Effects, Audacity, Adobe Audition and other CGI industry standard programs will be used.

Media Productions

9131

Grades 10, 11, 12

1 credit

⊗ **Required: Computer Graphics, Computer Animation or teacher permission**

Making Movies! Media Productions will show you what it takes to create various media for the Internet, a business, or for your own enjoyment. Included will be the study of the design elements (scenery, sound and lighting), Green/Blue screen work, and enhancing the video editing techniques learned in Computer Animation (including special effects!). The Adobe Creative Suite will be used throughout the course and you'll create a DVD of your projects for future use.

Design and Drawing for Production (DDP) - Tech (3D Modeling Approach)

9175

Grades 9, 10, 11, 12

1 credit

⊗ **Satisfies 1 unit of Regents credit for Art/Music**

DDP Tech is an introductory course, focusing on utilizing the design process to solve technical problems with 2-dimensional drawing techniques and 3 dimensional modeling capabilities. DDP Tech has been designed to replace the traditional CAD class, and offers the skills developed in the Engineering DDP course for students interested in 3-D modeling, but not necessarily in the pre-engineering program (PLTW). Upon successful completion of Tech DDP (this course), an interested and competent student, with the instructor's permission, may apply for the Project Lead the Way Academy



Trades Electives

- ⚠ You do not need to be a member of the Trades Academy to take these courses
- ⚠ May satisfy the [Alternate Sequence Option](#) for an Advanced Regents Diploma if five Technology courses are taken

Trade Apprentice I



9103 (Fall)

Grade 10

½ credit

A foundation class for the Trades Academy: This Apprentice course introduces the concepts and terminology of site planning, foundation elements, wall and ceiling structure, roofing styles, through various projects. This class introduces pattern development for sheet metal work; students will then create various sheet metal projects using industry standard tools.

- **Skills Covered:** Various Materials Processing, Sheet Metal Fabrication, Basic Construction Concepts
- **Sheet metal project examples:** trays, cell phone holder, hanging wall shelf

Trade Apprentice II



9101 (Spring)

Grade 10

½ credit

A foundation class for the Trades Academy: This Apprentice course is a survey course that introduces the hands-on skills for a career in trades using carpentry tools, planning, implementing and execution of a project, and beginning concepts of manufacturing. Students will create various projects using industry standards.

- **Skills Covered:** Various Materials Processing, Manufacturing Concepts
- **Example project:** students each create individual coat rack

Trade Journeyman I



9104 (Fall)

Grade 11

½ credit

Journeyman explores the manufacturing process used in the creating and development of products, either for commercial or industrial use. These concepts are further developed in the CNC Machining & Manufacturing class. The students will also learn about plumbing concepts for both residential and commercial buildings. Projects in both copper and PVC pipe are explored.

- **Skills Covered:** Various Materials Processing, Plumbing, Architectural Concepts
- **Example projects:** PVC toys for the Lancaster Youth Board, copper sprinkler, copper candle holder

Trade Journeyman II



9102 (Spring)

Grade 11

½ credit

This is a course that explores the manufacturing process more in depth from design to production. Students further their manufacturing skills integrating the design of products with moving parts.

- **Skills Covered:** Various Materials Processing, Manufacturing Concepts, Project Management
- **Example project:** students each create folding step stool



Trades: Construction Drawings & Modeling



9106

Grade 11

½ credit

Construction Drawings & Modeling is a course that focuses on understanding drawings related to architecture and building trades, such as plumbing, electrical, and mechanical (MEP). Students will learn plan symbols, review sets of plans of Lancaster High School, and build scale models. They will work in teams and utilize tools, materials, and resources related to the trades.

Trades: Advanced Manufacturing



9105

Grade 11

½ credit

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates the opportunities to understand manufacturing and puts the students in a position to utilize modern manufacturing processes to create projects. Students will be introduced to technologies such as Injection molding, laser cutting, 3D rapid prototyping, and CNC machining.



Project Lead The Way Electives

- ▲ You do not need to be a member of the Project Lead the Way Academy to take these courses
- ▲ May satisfy the [Alternate Sequence Option](#) for an Advanced Regents Diploma if five Technology courses are taken

Engineering Design and Drawing for Production (DDP) - Honors

A Solid Modeling Approach



9162

Grades 9,10, 11, 12

1 credit

⊗ **Recommended: 80+% in Grade 8 Math**

- ▲ Students apply to Project Lead the Way (Engineering Academy) as a Freshmen to continue in the program
- ▲ Course [satisfies Regents credit](#) for Art/Music.

For all students interested in the Project Lead The Way or Manufacturing and Skilled Trades Academies or any career path in Science, Technology, Engineering, or Mathematics.

Students use the engineering design process, science, and engineering principles to complete hands-on projects. You will work both individually and in teams to design solutions to a variety of problems using 3D modeling software, 3D printing technology creating drawing sheets to document their work. Software utilized: Autodesk Inventor.

Computer Science Essentials (CSE)



9119

Grades 9, 10, 11, 12

½ credit

⊗ **Recommended: Any student with a general interest in computer programming and robotics**

⊗ **Recommended: Strong background in Math and Science**

Students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to Computer Science Principles & Computer Science A.



Principles of Engineering (POE)



9172

Grades 10, 11, 12

1 credit

- ⊗ **Recommended: Honors DDP or DDP Tech teacher recommendation**
- ⊗ **Recommended: Permanent or probationary acceptance into the PLTW program**

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

AP Computer Science Principles (CSP)



9129

Grades 10, 11, 12

1 credit

- ⊗ **Recommended: Honors Computer Science Essentials or 1 year programming experience**
- ⊗ **Recommended: Strong background in Math and Science**

Open doors in any career with computer science! CSE implements the College Board's 2013 CS Principles framework. Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. In CSE, students create apps for mobile devices, automate tasks in a variety of languages, and find patterns in data. Students collaborate to create and present solutions that can improve people's lives, and weigh the ethical and societal issues of how computing and connectivity are changing the world.



Digital Electronics (DE)



9120

Grades 11, 12

1 credit

- ⊗ **Recommended: Honors DDP and POE (may take concurrently)**
- ⊗ **Recommended: Passed level 2 Math (or enrolled)**
- ⊗ **Recommended: Permanent or probationary acceptance into the PLTW Academy**

From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.

Possible career opportunities consist of Digital Electronics Engineers/Technicians, ranging from designing and manufacturing electrical systems to installing to repairing them. Digital electronic engineers design an assortment of electronic equipment, such as control systems, music players and global positioning systems.

Computer Integrated Manufacturing (CIM)



9130

Grades 10, 11, 12

1 credit

- ⊗ **Recommended: Honors DDP or DDP Tech teacher recommendation**
- ⊗ **Recommended: Permanent or probationary acceptance into the PLTW Academy**

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation.



World Languages (WL) – Overview

To earn a Regents Diploma, students must complete at least one unit of credit in a language other than English to satisfy the world language requirement. To earn a [Regents Diploma with Advanced Distinction](#), students must complete an additional two units of study in the same language, for a total of three units, and pass the locally developed Comprehensive Examination for that language. This exam aligns with the NYS Learning Standards for World Languages at Checkpoint B

NYS Seal of Biliteracy



New York State Seal of Biliteracy ([NYSSB](#)) candidates should continue world language study with Level 4/4H in eleventh grade and Level 5/AP in twelfth grade. Candidates should also continue ELA studies with AP English in both grades eleven and twelve.

World Languages (WL) – Course Descriptions

World Tourism (Elective)

5026

Grade 9, 10, 11, 12

1 credit

- ⚠ Course subject to cancellation based on student enrollment
- ⚠ This is an elective and **does not** satisfy the Regents Diploma requirement

Does world travel ever interest you but seem too overwhelming to consider? Then you should try this course. It will provide real world skills for all aspects of the tourism industry including air and land transportation, cruises, all-inclusive resorts, various accommodations, tour vs travel terminology, world geography, types of travelers, most popular travel destinations, and much more. The world's most stunning and even mysterious places will be explored through Google Maps, breath-taking videos, and other engaging experiences. Travel safety concerns and precautions will also be addressed. Project-based learning, daily conversations, low-anxiety games, and other thoughtful student-centered activities will be used to help students build their knowledge of the world as well as inspire their Wanderlust. This course will end in a final project instead of an exam. ***This course is taught in English.***

Cultural Awareness & Competency (Elective)

5027

Grade 9, 10, 11, 12

½ credit

- ⚠ Course subject to cancellation based on student enrollment
- ⚠ This is an elective and **does not** satisfy the Regents Diploma requirement

View the world's cultures through a different and unique lens! Understand the phenomena that occur when cultures come into contact! This course is for students who truly wish to examine similarities and differences among the world's cultures, build relationships, empathize and establish trust with people from diverse backgrounds. Throughout this 20-week course, students will develop a thorough understanding of the concept of culture and cultural diversity by examining language, education and work philosophies, religion, history, symbols, traditions, family values, foods, physical environment, and societal influences. Students will learn how to successfully interpret the behaviors of and interact with someone from a different culture as well as increased awareness of their own cultural backgrounds. Daily classroom activities will be fun, lively, reflective, and engaging. ***This course is taught in English*** and concludes with a final project.



AP French Language and Culture / Hilbert College Credit Option



HILBERT COLLEGE

FR201 Inter French (3 credits)



5051

Grade 12

1 credit

- ⊗ **Recommended: Written recommendation by French Level IV teacher**
- ⊗ **Recommended: Average of 90+% in French**
- ⊗ **Required: Completed summer assignment submitted on the first day of school**

At the end of the course the students will have the option to take the AP French Language and Culture exam and/or the Hilbert College exam to earn college credits. (Exam costs provided each year by classroom teacher) The AP French course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., movies, books, music, news, conventions, institutions), practices (patterns of social interactions within a culture), and perspectives (values, attitudes, and assumptions). The students will attain a higher level of fluency in oral communication. Students may potentially earn up to six college credits after successfully taking both exams. **The completed summer assignment is due on the first day of school.**

Honors French IV



5062

Grade 11 & 12

1 credit

- ⊗ **Recommended: Average of 90+% in French III**
- ⊗ **Recommended: Comprehensive Exam score of 85+%**
- ⊗ **Required: Completed summer assignment submitted on the first day of school**

This course builds upon the language foundation learned in French 3 or 3H. Throughout the course of the year, students will expand on their ability to communicate in French; moving from an intermediate mid to intermediate high level. Emphasis is placed on the three modes of communication in world languages: Interpersonal, Interpretive, and Presentational. This course offers the student an opportunity to master the French IV course content at an accelerated pace. There will be a local exam at the end of the course. **The completed summer assignment is due on the first day of school.**



Honors French III



5049

Grade 10,11,12

1 credit

- ⊗ Recommended: Written recommendation by French II teacher
- ⊗ Recommended: French II course average of 90+%
- ⊗ Required: Completed summer assignment submitted on the first day of school

This course offers the student an opportunity to master the Spanish III materials at an accelerated pace. Emphasis is placed on the four major skills of language learning: listening, speaking, reading and writing and the grammar and vocabulary necessary to acquire these skills. Students will be reinforcing their interpretive, interpersonal and presentational skills through a series of projects. In addition, the student will complete independent work including supplementary readings, compositions and vocabulary expansion. Spontaneous conversational activities are an integral part of this course. This course focuses on increased verbal communication. The final assessment is a locally developed, state-credit. ***Students may be eligible to earn a Regents Diploma with Advanced Designation by successfully completing the final exam.***

French III



5033

Grade 10,11,12

1 credit

This course builds upon the language foundation learned in French 2. Throughout the course of the year, students will expand on their ability to communicate in French; moving from an intermediate low to intermediate-mid level. Emphasis is placed on the three modes of communication in world languages: Interpersonal, Interpretive, and Presentational. ***This course completes Checkpoint B of the NYS syllabus*** and prepares students for both a locally developed, state-credit exam and for upper-level study. ***Students may be eligible to earn a Regents Diploma with Advanced Designation by successfully completing the final exam and the course.***

French II



5031

Grade 9, 10,11,12

1 credit

Students begin to explore how the French language functions as they transition from the beginning level to intermediate. Lessons are engaging, focused on making cultural comparisons, describing cultural perspectives, products and practices. Students make a huge jump this year in building their confidence in producing the language. They participate in interpretive, interpersonal, and presentational modes of learning. Daily conversations are held to improve interpersonal speaking skills. Written work is more extensive and gets polished with emphasis placed on creative thought. Students are encouraged to use their words more accurately and in the proper sequences. ***This course covers half of Checkpoint B of the NYS syllabus.*** A local exam is given in June.



AP Spanish Language and Culture / Hilbert College Credit Option

SP201 Interme Spanish (3 cr)



5047

Grade 12

1 credit

- ⊗ **Recommended:** Written recommendation by Spanish Level IV teacher
- ⊗ **Recommended:** Average of 90+% in Spanish
- ⊗ **Required:** Completed summer assignment submitted on the first day of school

⚠ Course is conducted almost entirely in Spanish

At the end of the course the students will take the AP Spanish exam to earn college credit (Exam costs provided each year by classroom teacher) ***This course is conducted almost entirely in Spanish.*** The students are expected to comprehend Spanish spoken at a natural speed and to express themselves in the language. The students will explore in depth the fine points of Spanish grammar as well as review concepts that they have already studied. Their vocabulary and reading skills will be reinforced through the study of authentic newspaper, internet and magazine articles. The students will study literary language and themes through reading short stories. Listening comprehension will be reinforced with authentic recordings and videos. The students will attain a higher level of fluency in oral communication. Students may potentially earn up to six college credits after successfully taking both exams.

Spanish V

5046

Grade 12

1 credit

Do you want to continue learning Spanish without the pressure of a state exam? Wouldn't you like to pretend that you are in a Spanish café with friends eating "tapas" and chatting? Spanish V is for those students who wish to continue the study of the Spanish language without receiving college credit while enhancing their Spanish knowledge to be able to enter a college level course after high school graduation. This course will develop higher-level vocabulary and grammar through explorations of culture including art, film, history and literature with projects designed to reinforce interpretive, interpersonal and presentational skills. There will be a local exam at the end of the course.



Spanish IV Honors



5054

Grade 11,12

1 credit

- ⊗ **Recommended: Comprehensive exam score of 85+%**
- ⊗ **Recommended: Spanish III course average of 90+%**
- ⊗ **Required: Completed summer assignment submitted on the first day of school**

This course offers the student an opportunity to master the Spanish IV course content, but the student will be expected to use the language in all four skill areas while expanding upon basic thoughts, polishing pronunciation, and distinguishing between regional accents. The final assessment is determined by the teacher, but typically involves a portfolio or other cumulative project in addition to a final exam.

Spanish IV



5042

Grade 11, 12

1 credit

This is a post-Regents course for those students interested in continuing with the study of the language by putting to use those skills learned in levels I through III. There are projects in all four language skills in addition to further study of cultural topics. Additional grammar and vocabulary are added and reviewed as needed to each area of investigation. Specific subject areas and content are determined in September based upon the interests and needs of the students involved. Local exam in June.

Spanish III Honors



5053

Grade 10, 11, 12

1 credit

- ⊗ **Recommended: Written recommendation by Spanish II teacher**
- ⊗ **Recommended: Spanish II average of 90+%**
- ⊗ **Required: Mandatory Assignments submitted throughout the summer and due no later than the first day of school.**

▲ Google classroom code emailed in June. Summer assignments posted in Google Classroom

This course offers the student an opportunity to master the Spanish III materials at an accelerated pace. Emphasis is placed on the four major skills of language learning: listening, speaking, reading and writing and the grammar and vocabulary necessary to acquire these skills. Students will be reinforcing their interpretive, interpersonal and presentational skills through a series of projects. In addition, the student will complete independent work including supplementary readings, compositions and vocabulary expansion. Spontaneous conversational activities are an integral part of this course. This course focuses on increased verbal communication. The final assessment is a locally developed, state-credit exam. There is a summer assignment for the course. It will be completed incrementally throughout the summer through a series of assignments in Google Classroom. The summer assignments will be the first four grades of the first quarter. ***Students may be eligible to earn a Regents Diploma with Advanced Designation by successfully completing the final exam and the course.***



Spanish III



5043

Grade 10, 11, 12

1 credit

This course builds upon the language foundation learned in Spanish 2. Throughout the course of the year, students will expand on their ability to communicate in Spanish; moving from an intermediate low to intermediate-mid level. Emphasis is placed on the three modes of communication in world languages: Interpersonal, Interpretive, and Presentational. ***This course completes Checkpoint B of the NYS syllabus*** and prepares students for both a locally developed, state-credit exam and for upper-level study. ***Students may be eligible to earn a Regents Diploma with Advanced Designation by successfully completing the final exam and the course.***

Spanish II



5041

Grade 9, 10, 11, 12

1 credit

Students begin to explore how the Spanish language functions as they transition from the beginning level to intermediate. Lessons are engaging, focused on making cultural comparisons, describing cultural perspectives, products and practices. Students make a huge jump this year in building their confidence in producing the language. They participate in interpretive, interpersonal, and presentational modes of learning. Daily conversations are held to improve interpersonal speaking skills. Written work is more extensive and gets polished with emphasis placed on creative thought. Students are encouraged to use their words more accurately and in the proper sequences. ***This course covers half of Checkpoint B of the NYS syllabus.*** A local exam is given in June.

Spanish I



5039

Grade 9, 10, 11, 12

1 credit

Spanish 1 is an introductory course in which students will gain a basic understanding of the Spanish language and culture. Throughout the course of the year, students will begin to speak, listen, read, and write in Spanish at a novice low level. Emphasis is placed on the three modes of communication in world languages: Interpersonal, Interpretive, and Presentational. ***Students may be eligible to earn one credit towards the Regents Diploma by successfully completing the final exam or the course.***