

**GARDEN SPOT
HIGH SCHOOL**



PROGRAM OF STUDIES

2026-2027

EASTERN LANCASTER COUNTY SCHOOL DISTRICT

Mission Statement

Empowering learners as global thinkers and producers.

EASTERN LANCASTER COUNTY SCHOOL DISTRICT

669 EAST MAIN STREET

NEW HOLLAND, PA 17557

717-354-1500

Eastern Lancaster County (ELANCO) School District is an equal opportunity education institution and will not discriminate on the basis of sex, race, color, national origin, sexual orientation, or handicap in its activities, programs or employment practices as required by Title VI, Title IX, Section 504, and the Americans with Disabilities Act (ADA).

FORWARD

This program of studies has been prepared for use by learners and parents/guardians in deciding which courses are best suited to the learners' goals, interests, aptitudes, and abilities. A flexible curriculum has been constructed which permits learners to select courses to meet their individual needs and career aspirations.

Learners' choices may determine their chances for success in future years; therefore, learners are encouraged to select courses with the greatest of care. This endeavor should be thoroughly discussed with parents/guardians. For more information concerning course selection, college admissions requirements, or employment demands, learners and parents/guardians should arrange a consultation with a school counselor.

This guide is approved by the ELANCO School District Board of School Directors; its contents are therefore approved district procedures.

ACCREDITATION

Garden Spot High School (GSHS) is accredited by the Pennsylvania Department of Education (PDE).



HIGH SCHOOL ADMINISTRATION

Mr. Chris Miller

christopher_miller@elanco.org

Mrs. Edalmira Rivera – Assistant Principal - Grades 9-10

edalmira_rivera@elanco.org

Mr. Zachary Fulmer – Assistant Principal - Grades 11-12

zachary_fulmer@elanco.org

HIGH SCHOOL SCHOOL COUNSELORS

Mrs. Ellen Cantymagli - Grades 10-12 (A-L)

ellen_cantymagli@elanco.org

Mrs. Raegan Mellinger - Grades 10-12 (M-Z)

raegan_mellinger@elanco.org

Ms. Krista John - Grade 9 and Grade 10 (IEP)

krista_john@elanco.org

CAREER COORDINATOR

Ms. Jill Hackman

jill_hackman@elanco.org

Dear Garden Spot High School Learners and Families:

At Garden Spot High School, we are committed to empowering every learner to achieve their fullest potential and prepare for a future filled with possibilities. Our Program of Studies is designed to guide you in planning an educational experience that aligns with your unique interests, goals, and aspirations.

Whether you are exploring new subjects, deepening your knowledge in a particular area, or preparing for post-secondary success, you will find a wide variety of courses tailored to meet your needs. From our rigorous academic programs to hands-on technical opportunities aligned with the needed skills and competencies of our community partners and employers, our offerings support diverse pathways to college, careers, and lifelong learning.

As a Spartan, you are encouraged to take charge of your education, seek challenges, and embrace opportunities to grow academically, socially, and personally. This guide will help you make informed decisions about your coursework, plan for the future, and build a foundation for success beyond high school.

Our dedicated faculty and staff are here to support you every step of the way. Please do not hesitate to reach out to your teachers, counselors, or administrators for guidance and support as you navigate your educational journey.

Welcome to an exciting chapter of exploration and achievement. We look forward to seeing all that you will accomplish! **Go Spartans!**

Respectfully,

High School Administration

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Mission Statement of Eastern Lancaster County School District:

Empowering learners as global thinkers and producers.

Introduction to the Program of Studies:

The information and course descriptions contained in this Program of Studies are presented so that parents and learners will be better able to plan for the future. We believe that a formal, public education lays the foundation for subsequent life experiences. Therefore, it is of great importance that the planning of a high school program is done thoughtfully and realistically. The first step in such a plan should include the careful, accurate, and honest assessment of the abilities, aptitudes, interests, and educational and career goals of the learner. This appraisal should combine the thinking and consideration of parents, learners, counselors, and high school staff members. As a result of this personal assessment, parents and learners together should use the content in this Program of Studies to arrive at a program that best meets the needs and goals of the learner. If at any time, questions arise relative to this important process, our guidance staff is ready and willing to assist. It is our sincere hope to support the learner in the careful planning of his or her future at Garden Spot High School and beyond.

Purpose of the Program of Studies:

The purpose of the Program of Studies is to provide learners, parents, and staff with an understanding of guidelines, policies, and expectations regarding the courses offered by Garden Spot High School and the procedures related to scheduling of courses. The high school curriculum represented in this guide is prepared by the high school staff, Guidance Department, and the high school administration and is approved by the Eastern Lancaster County Board of School Directors.

Changes to the Program of Studies:

Eastern Lancaster County School District reserves the right to alter the requirements and offerings as printed when deemed to be the result of sound educational planning or when the results are based on changes in federal, state, or local regulations. Changes that are made will be conveyed to learners via an addendum sheet to this guide, and/or relayed by school staff via informational meetings and/or announcements.

Importance of the Course Selection Process:

Planning your educational program is a serious responsibility. The subjects that you choose to study in high school today will greatly influence your future. This guide is designed to assist in planning your secondary school program. It is intended to provide sufficient information so that learners and parents play a primary role in this planning. In selecting your courses of study, give careful thought to future educational and career aspirations, past academic achievement, and your abilities, aptitudes, and interests.

Acknowledgment:

This Program of Studies is the direct result of positive cooperation, professional expertise, and genuine staff support. Moreover, input has been sought from a variety of stakeholders including faculty, staff, learners, parents, and community members. The entire staff of Garden Spot has been instrumental in developing the instructional program. This is a direct indication of their professional dedication and commitment to their learners.

GRADUATION INFORMATION

ELANCO Graduation Requirements:

To be eligible for graduation from the Eastern Lancaster County School District, learners must fulfill all requirements established by the Board of School Directors and the Pennsylvania Department of Education. This includes successful completion of required coursework with demonstrated proficiency and evidence of mastery of the Pennsylvania Academic Standards.

The high school diploma requirements include minimum credits earned in the following subject areas.

<u>Subject</u>	<u>Credits</u>
English	4.0
Mathematics	4.0*
Science	4.0
Social Studies	4.0
Health & Physical Education	2.5
Arts & Humanities (or both)	2.0
Electives	<u>7.5</u>
	28.0 Total Credits

*Learners who have taken Keystone Algebra prior to ninth grade, and successfully completed the course will be awarded the appropriate math credit toward the four required math credits at Garden Spot High School. This course will be counted towards a learner's high school GPA.

Pennsylvania State Graduation Requirements: Act 158

In accordance with Pennsylvania's Act 158 of 2018, learners must meet statewide graduation requirements in one of five pathways.

1. Keystone Proficiency
2. Keystone Composite
3. Career & Technology Education (CTE) Concentrator
4. Alternative Assessment
5. Evidence-Based

The Pennsylvania Department of Education's Pathways to Graduation graphic is below. For more information please visit www.education.pa.gov > K-12 > Assessment and Accountability > Graduation Requirements > Act 158.

Pennsylvania Pathways to Graduation

Keystone Proficiency Pathway *Numeric or Non-Numeric Scores*

Algebra I
Proficient or Advanced

Biology
Proficient or Advanced

Literature
Proficient or Advanced

Keystone Composite Pathway *Numeric Scores Only*

At least 1 Keystone Exam scaled score is **1500 or Greater**

No Keystone Exam score is **Below Basic**

The Keystone Exam 3-score composite is **4452 or Greater**
The Keystone Exam 2-score composite is **2939 or Greater**
(where eligible under §121.1)

CTE Concentrator

Meet locally established, grade-based requirements for Keystone content in which the student is less than Proficient

CTE Concentrator
1 Artifact from pathway criteria

Alternative Assessment

Meet locally established, grade-based requirements for Keystone content in which the student is less than Proficient

Alternative Assessment
1 Artifact from pathway criteria

Evidence-Based Pathways

Meet locally established, grade-based requirements for Keystone content in which the student is less than Proficient

Evidence-Based
3 Artifacts from pathway criteria

Waiver

A student in 12th grade, or experiencing extenuating circumstances, who meets locally established grade-based requirements for Keystone content area(s) in which the student is less than proficient, and is unable to satisfy the requirements of a graduation pathway may be granted a waiver by the chief school administrator.

Individualized Education Plan

A student with a disability who is unable to satisfy pathway requirements but who satisfactorily completes a special education program is granted a diploma under Title 22 §4.24.

Pathway Criteria

CTE Concentrator	Alternative Assessment	Evidence-Based
1 Artifact	1 Artifact	3 Artifacts consistent w/student goals ONE or more from Section One No more than TWO from Section Two
<p>Industry-based competency certification</p> <hr/> <p>Likelihood of industry-based competency assessment success</p> <hr/> <p>Readiness for continued engagement in CTE Concentrator program of study</p>	<p>Attainment of one alternative assessment score or better: ACT (21), ASVAB AFQT (31), PSAT/NMSQT (970), or SAT (1010)</p> <hr/> <p>Attainment of Gold Level or better on ACT WorkKeys</p> <hr/> <p>Attainment of 3 or better on AP Exam(s) related to each Keystone content area in which less than Proficient</p> <hr/> <p>Attainment of 4 or better on IB Exam(s) related to each Keystone content area in which less than Proficient</p> <hr/> <p>Successful completion of concurrent enrollment course(s) related to each Keystone content area in which less than Proficient</p> <hr/> <p>Successful completion of a pre-apprenticeship program</p> <hr/> <p>Acceptance into accredited, non-profit Institution of Higher Education (IHE) 4yr program for college-level coursework</p>	<p>Section 1</p> <hr/> <p>Attainment of 630 or better on any SAT Subject Test</p> <hr/> <p>Attainment of Silver Level or better on ACT WorkKeys</p> <hr/> <p>Attainment of 3 or better on any AP Exam</p> <hr/> <p>Attainment of 3 or better on any IB Exam</p> <hr/> <p>Successful completion of any concurrent enrollment or postsecondary course</p> <hr/> <p>Industry-recognized credentialization</p> <hr/> <p>Acceptance into accredited, non-profit Institution of Higher Education (IHE) for college-level coursework in an other-than-4yr program</p> <hr/> <p>Section 2</p> <hr/> <p>Attainment of Proficient or Advanced on any Keystone Exam</p> <hr/> <p>Successful completion of a service-learning project</p> <hr/> <p>Letter guaranteeing full-time employment or military enlistment</p> <hr/> <p>Completion of an internship, externship, or cooperative education program</p> <hr/> <p>Compliance with NCAA Division II academic requirements</p>

SCHOOL COUNSELING DEPARTMENT

School Counseling Services:

The mission of the Eastern Lancaster County School District Counseling Program is to function as an integral part of the district's comprehensive program by assisting all learners, regardless of individual differences, in acquiring the skills, knowledge and attitudes needed to grow into inspired, resilient, productive, fulfilled lifelong learners. The Eastern Lancaster County School District adheres to the philosophy that within the Guidance Department, the school counselor is an essential and integral part of the overall education process.

The comprehensive resiliency-building school counseling program is built on the assumption that certain educational, career, personal, and social objectives are attainable when school counseling for all learners is provided. This implementation acknowledges that school counseling is no longer a service to be offered by one person, but a program coordinated with other educators, incorporating a comprehensive curriculum. Proactive and preventative in focus, the comprehensive school counseling program assists learners in becoming responsible members of society. Growth and learning are developmental; therefore, school counseling must be developmental and sequential in nature.

High School Guidance Department:

Ms. Krista John	Grades 9, 10 Special Education
Ms. Ellen Cantymagli	Grades 10, 11, 12 (A – L), Dual Enrollment
Ms. Raegan Mellinger	Grades 10, 11, 12 (M – Z), CTC

Promotion Guidelines:

Please see your school counselor for promotion guidelines. Learners not meeting the minimum number of required credits will be retained.

TESTING PROGRAMS FOR COLLEGE ADMISSIONS

Learners of Garden Spot High School planning to attend college should take part in the various college admission testing programs that are offered throughout the year. Many assessments are offered directly on campus.

School Counselors will assist learners and their families in learning more about the admissions testing programs listed below.

PSAT/NMSQT:

The Preliminary Scholastic Assessment Test/National Merit Scholarship Qualifying Test, or the PSAT/NMSQT, is a test that is taken by all juniors and can be taken by sophomores who wish to register. The PSAT/NMSQT tests verbal, mathematical reasoning abilities and writing skills. Thus, it is **excellent preparation** for the SAT. Moreover, the PSAT provides learners with feedback on skills that will be tested on the SAT.

Scholastic Assessment Test (SAT):

The SAT is taken by both **Juniors and Seniors**. The SAT scores are required by some colleges. SATs are given at Garden Spot High School in **March**. Additional locations, dates, and registration information can be found at www.collegeboard.com. **Applications should be sent or completed online by the learner at least SIX weeks before the testing date.**

American College Testing (ACT) Program:

The ACT is made up of a battery of tests, and a Learner Profile section. Juniors and seniors have the opportunity to take the ACT Test Battery, which is given five times a year on Saturdays. To register for the ACT, visit www.actstudent.org.

Advanced Placement (AP) Tests:

AP tests are given in May during the school day. Learners should confirm with their selected post-secondary institutions how many credits they accept based on AP test performance. Specific test dates will be announced.

NCAA ELIGIBILITY

Learner-athletes who are considering participation in collegiate athletics should explore the NCAA (National Collegiate Athletic Association) requirements for eligibility. A high school diploma alone is not sufficient to permit a learner to participate in college athletics. The NCAA has a set of minimum standards that learners must meet to be eligible. Detailed information can be found at www.eligibilitycenter.org. The information included here is only the most basic information about requirements. Learners interested in playing collegiate athletics are strongly encouraged to review the detailed requirements reported on the clearinghouse site to ensure they are making appropriate decisions about the course selections.

The following information is taken directly from *NCAA Freshman-Eligibility Standards Quick Reference Guide*:

DIVISION I ACADEMIC REQUIREMENTS

To study and compete at a **Division I school**, you must earn 16 NCAA-approved **core-course credits**, earn a corresponding test score* that matches your **core-course GPA** and submit your final transcript with proof of graduation to the Eligibility Center.

CORE-COURSE REQUIREMENTS

Earn 16 NCAA-approved core-course credits in the following areas:



For Division I, 10 of your 16 NCAA-approved core-course credits must be completed before the start of your seventh semester, including seven in English, math or science.

Any learner considering participating in collegiate athletics should only elect Academic or Honors level courses. If you have any questions regarding NCAA eligibility, contact your school counselor.



All courses that are approved by the NCAA Eligibility Center are noted with an NCAA logo preceding the course description.

COURSE SELECTION OVERVIEW

The Selection Process:

1. **Carefully study the entire Program of Studies** to take full advantage of the variety of offerings. Refer to your grade level's suggested guidelines for grade-specific guidance on requirements and recommended courses.
2. Identify the courses you wish to take in your core areas (English, mathematics, science, social studies, and world languages) and determine if you meet the prerequisites. Your current teacher can advise what course(s) you may want to elect.
3. Identify other courses you may need to take in the upcoming year to satisfy specific graduation requirements.
4. **Learners are expected to carry at least eight credits each school year.** Any changes to learner schedules must maintain the minimum number of credits for on-time graduation (i.e. within four years). [Exception: Early Graduate candidates.]
5. After choosing your core courses and other required courses, identify elective courses that interest you to complete your schedule. **You must also identify alternate choices. Having a “back-up” alternate selection for every elective course will help ensure that you have a complete schedule if courses become full or your primary choices conflict with one another.**
6. **Ask questions.** Your fellow learners (particularly those older than you), your parents, your teachers and your counselor are all great sources of information.

Course Offerings & Alternate Selections:

The listing of a specific course in this planning guide does not guarantee that it will be taught each school year. Administration determines whether a course will be offered based upon the total course enrollment, the type of course involved, and available staffing. Even if a course is offered, learners are not guaranteed enrollment. Learners may have conflicts in their schedule, or the capacity of a course may be reached. Consequently, it is very important that learners select alternate choices to maximize the chance that they will have a complete schedule to their liking. ***Please note, your alternate choices should be different from your elective choices, and you may be enrolled in one of these courses if necessary.***

Schedule Changes:

Changes Prior to the conclusion of this School Year:

1. Learners complete their initial selections via PowerSchool. After course selection is closed, all changes will need to be requested through the guidance office.
2. Learners may request changes to their course selections up until the ***end of the current school year and over the summer.***

Requests to have certain teachers, or to have certain classes with specific classmates will not be entertained or honored. Classroom or teacher changes require administrative approval and will be considered on a case by case basis. Exceptions to this rule may be made under circumstances where a learner previously had the teacher and was unsuccessful in the class, or the learner is scheduled to have the same teacher for a third year.

Changes once the new school year begins:

1. Once the new school year begins, learners have the first 5 days of each semester to request changes through the course change form. After the first 5 days learners may only request a schedule change for the following reasons:
 - a. Academic misplacements
 - b. Extenuating medical reasons
2. No partial credits will be awarded for learners withdrawing from courses. Learners withdrawing from a course will receive either a “WP” (withdraw passing) or “WF” (withdraw failing) for courses they are currently failing after the first mid-quarter. Withdrawals are not included in the learner’s GPA calculation.

EARLY GRADUATION

Senior learners who will attain the required 28 credits by the end of their seventh semester may apply for early graduation. The 28 credits must include all required courses:

English → 4.00 credits
Mathematics → 4.00 credits
Science → 4.00 credits
Social Studies → 4.00 credits
Physical Education → 2.00 credits
Health → 0.50 credits
Arts & Humanities or Both → 2.00 credits
Electives → 7.50 credits

Please be aware that only one graduation ceremony occurs at the end of the school year. Early graduates can choose to participate if they so desire; however, participation is not required. Generally, diplomas are only awarded at the end of the school year during the graduation ceremony. *Seniors interested in Early Graduation must return a completed application to the Guidance office by the deadline identified on the school calendar.*

GRADING & WEIGHTING SYSTEM

Grading System – Garden Spot Secondary Campus (6-12):

Report card and final grades are computed by transferring numerical grades into letter grades in the following manner:

A	=	93% - 100%	= 4.0 Quality Points
A-	=	90% - 92%	= 3.7 Quality Points
B+	=	87% - 89%	= 3.3 Quality Points
B	=	83% - 86%	= 3.0 Quality Points
B-	=	80% - 82%	= 2.7 Quality Points
C+	=	77% - 79%	= 2.3 Quality Points
C	=	73% - 76%	= 2.0 Quality Points
C-	=	70% - 72%	= 1.7 Quality Points
D+	=	67% - 69%	= 1.3 Quality Points
D	=	63% - 66%	= 1.0 Quality Points
D-	=	60% - 62%	= 0.7 Quality Points
F	=	< 60%	= 0.0 Quality Points

Weighting System – Garden Spot High School (9-12):

If a learner takes an Advanced or Honors course the Quality Points, as outlined above, will be multiplied by a weight of 1.05. If a learner takes an Advanced Placement (AP), Dual-Enrollment (DE), or College in the High School (CiHS) course, the Quality Points, as outlined above, will be multiplied by a weight of 1.1. For example:

Advanced / Honors (1.05)

A = 93% - 100%	= 4.200 Quality Points
A- = 90% - 92%	= 3.885 Quality Points
B+ = 87% - 89%	= 3.465 Quality Points
B = 83% - 86%	= 3.150 Quality Points
B- = 80% - 82%	= 2.835 Quality Points
C+ = 77% - 79%	= 2.415 Quality Points
C = 73% - 76%	= 2.100 Quality Points
C- = 70% - 72%	= 1.785 Quality Points
D+ = 67% - 69%	= 1.365 Quality Points
D = 63% - 66%	= 1.050 Quality Points
D- = 60% - 62%	= 0.735 Quality Points
F = ≤ 59%	= 0.000 Quality Points

AP, Dual Enrollment, CiHS (1.1)

A = 93% - 100%	= 4.40 Quality Points
A- = 90% - 92%	= 4.07 Quality Points
B+ = 87% - 89%	= 3.63 Quality Points
B = 83% - 86%	= 3.30 Quality Points
B- = 80% - 82%	= 2.97 Quality Points
C+ = 77% - 79%	= 2.53 Quality Points
C = 73% - 76%	= 2.20 Quality Points
C- = 70% - 72%	= 1.87 Quality Points
D+ = 67% - 69%	= 1.43 Quality Points
D = 63% - 66%	= 1.10 Quality Points
D- = 60% - 62%	= 0.77 Quality Points
F = ≤ 59%	= 0.00 Quality Point

For questions or concerns regarding course weights, please contact your counselor.

RECOMMENDED GUIDELINES: 9TH GRADE

1. Freshman must carry a full schedule of at least 8 credits.

Core Courses (4 credits):

English – 1 or 2 credit(s)
Mathematics – 1 or 2 credit(s)
Science – 1 credit
Social Studies – 1 credit

Additional Required Courses:

Rotation – 2 credits
H/PE and Seminar 9 / STEM 9
Electives – 1 to 2 credit(s)
iSpartan - 2 blocks is highly recommended

2. Core Content – English, Mathematics, Science, and Social Studies:

Placement in core subjects is based on multiple data points/criteria such as: state assessment results, PVAAS projections, FastBridge assessments, Lexile level, and teacher recommendation. If you have questions about their recommendation you should talk with your teacher and guidance counselor.

3. World Languages:

Taking Spanish 1 and 2 or German 1 and 2 is recommended for college preparatory learners.. Learners are **not** required to take a world language to meet graduation requirements.

4. Electives and Alternates:

Electives are required to meet graduation credits and help you build skills for future education and career paths. Choose electives that align with your interests and goals, and be sure to select alternate options in case your first choices are unavailable.

5. iSpartan Recommendation:

iSpartan is a highly recommended course designed to support freshman and sophomore learners in their transition to high school. This structured period provides targeted instruction and guidance in key areas such as executive functioning, academic support, digital citizenship, and study skills. By participating in iSpartan each semester, learners develop the tools necessary to build strong academic habits, manage responsibilities effectively, as well as the skills essential for long-term success in high school and beyond.

6. 4-Year Plan:

Consider outlining all the courses you think you would like to take for the next four years. Some courses have prerequisites that you will need to complete before taking other courses. By putting together a four-year plan it becomes more likely that you will be able to take all the courses you would like to. This is also critical if you are considering attending the CTC or enrolling in AP courses.

RECOMMENDED GUIDELINES: 10TH GRADE

1. Sophomores must carry a full schedule of at least 8 credits..

Core Courses (4 credits):

English – 1 or 2 credit(s)

Mathematics – 1 or 2 credit(s)

Science – 1 or 2 credit(s)

Social Studies – 1 or 2 credit(s)

Additional Required Courses:

Rotation – 1 credit

PE / Seminar 10

Electives – 3 to 5 credit(s)

iSpartan - 2 blocks is highly recommended

1. Core Content – English, Mathematics, Science, and Social Studies:

Placement in core subjects is based on data points/criteria such as: PSSA and Keystone results, PVAAS projections, FastBridge assessments, Lexile level, and teacher recommendation. If you have questions about their recommendation you should talk with your teacher and guidance counselor.

2. World Languages:

Continued study of a world language is recommended for college preparatory learners. Learners are **not** required to take a world language to meet graduation requirements. Sophomore learners are permitted to elect the first year of a world language.

3. Electives and Alternates:

Electives are required to meet graduation credits and help you build skills for future education and career paths. Choose electives that align with your interests and goals, and be sure to select alternate options in case your first choices are unavailable.

4. Advanced Placement (AP):

Learners enrolling in AP courses during their sophomore, junior, or senior year should understand that the rigor and expectations for learning approximate a collegiate level. *Learners cannot drop an AP course once it has been started.*

5. Career and Technology Center (CTC):

Sophomore learners planning to attend the CTC during their junior or senior year should consult with their counselor to ensure that they have chosen all the appropriate courses to meet entrance requirements. Learners typically apply to the CTC during the winter of their sophomore year. Additional information about the CTC is available in this planning guide, on the course selection website, and at <https://lancasterctc.edu>.

6. 4-Year Plan:

Consider writing out all the courses you think you would like to take over your remaining three years. Some courses have prerequisites that you will need to complete before taking other courses. By putting together a four-year plan it becomes more likely that you will be able to take all the courses you would like to. This is also critical if you are considering attending the CTC or plan to continue taking AP courses.

RECOMMENDED GUIDELINES: 11TH GRADE

1. Juniors must carry a full schedule of at least 8 credits.

Core Courses (4 credits):

English – 1 credit

Mathematics – 1 credit

Science – 1 credit

Social Studies – 1 credit

Additional Required Courses:

Electives – 4+ credits

Physical Education – Junior or Senior year

2. English, Mathematics, Science, and Social Studies:

You should consult with your current teacher to determine the appropriate selection in these areas. Some courses have prerequisite requirements you must meet during your sophomore year.

3. World Languages:

Continued study of a world language is recommended for college preparatory learners. Learners are **not** required to take a world language to meet graduation requirements.

4. Electives and Alternates:

Electives are required to meet graduation credits and help you build skills for future education and career paths. Choose electives that align with your interests and goals, and be sure to select alternate options in case your first choices are unavailable.

5. Career and Technology Center (CTC):

Juniors who have already been accepted into a cluster program should select an American Literature course, a Math course, a Civics & Government (or AP US History) course, a Biology course, and also select the Half-Day CTC Program. Learners should also consult with their counselor to ensure that they have completed all requirements for graduation. Additional information about the CTC is available in this planning guide, on the course selection website, and at <https://lancasterctc.edu>. *Learners who are interested in a full-day CTC program for their senior year; but do not plan to attend a half-day program as a junior, must take physical education their junior year.*

6. 4-Year Plan:

Consider writing out all the courses you think you would like to take over your remaining two years. Some courses have prerequisites that you will need to complete before taking other courses. By putting together a four-year plan it becomes more likely that you will be able to take all the courses you would like to by the time you graduate.

7. Early Graduation/Early College Attendance Options:

Learners who earn more than the required number of credits during their first three high school years may be eligible to graduate from high school early. Juniors who are interested in this option should consult their guidance counselor during the second semester. *Learners intending to graduate early must take physical education as a junior.*

RECOMMENDED GUIDELINES: 12TH GRADE

1. A senior schedule must fulfill the district requirements for graduation.

Each learner and their parents/guardians are encouraged to work with their school counselor to confirm graduation plans and associated credit needs

Core Courses (4 credits):

English – 1 credit

Mathematics – 1 credit

Science – 1 credit

Social Studies – 1 credit

Additional Required Courses:

Electives – 4 credits

Physical Education – Junior or Senior year

2. English, Mathematics, Science, and Social Studies:

Seniors learners generally must select courses to complete their 4th core content credit. If learners have already completed four credits in the respective core content areas, they need not select any courses in those areas; however, learners planning to attend college after graduation are encouraged to complete rigorous courses during their final year of high school.

3. World Languages:

Continued study of a world language is recommended for college preparatory learners. Learners are **not** required to take a world language to meet graduation requirements.

4. Electives and Alternates:

Electives are required to meet graduation credits and help you build skills for future education and career paths. Choose electives that align with your interests and goals, and be sure to select alternate options in case your first choices are unavailable..

5. Career and Technology Center (CTC):

Seniors who have already been accepted into a full-day program should select Full-Day CTC Program. Learners should also consult with their counselor to ensure that they have completed all requirements for graduation.

6. Senior Option:

Seniors can participate in one of the following options as an elective: Dual Enrollment, Internship, Online Course, or Co-Op program. Seniors are strongly encouraged to participate in one of the opportunities, but they are not required to do so.


7. College Coursework:

Learners interested in pursuing college coursework during their senior year should speak with their school counselor. There are opportunities for Dual Enrollment courses that may transfer to meet college requirements for incoming college freshmen. Transfer credit cannot be guaranteed, however.

UNDERSTANDING COURSE DESCRIPTIONS

All courses are described in paragraph form on the following pages. Below is an example of how to interpret the additional information associated with a course description. This information is very helpful when deciding who may take the course and the credit value assigned to each course.

Example:

AP Physics (#0133)  g


AP Physics <i>a</i>	#0133 <i>b</i>	Credits <i>c</i>	Length <i>d</i>	Frequency <i>e</i>	Offered Grade <i>f</i>	Prerequisite <i>h</i>
		2.00	Full Year	Daily	11, 12	successful completion

Key:

- a. Course Title;
- b. Course Number;
- c. Credit earned for successfully completing the course;
- d. Length of course (e.g. Quarter, Semester, Full Year);
- e. Occurrences during the week;
- f. Usual learner grade level;
- g. Course is NCAA approved;
- h. Prerequisite describes the requirements that must be satisfied before taking the course.

The listing of a specific course in this Course Selection Guide does not guarantee that it will be taught each school year. Administration determines whether or not a course will be offered based upon the total course enrollment, the overall master schedule, and available staffing. Even if a course is offered and learners sign up for it through the course selection process, learners are not guaranteed enrollment. Learners may have conflicts in their schedule or the capacity of a course may be reached. Consequently, it is very important that learners select alternate choices to maximize the chance that they will have a complete schedule.

Curriculum revision is an ongoing process with learners, faculty and administrators making recommendations for curriculum additions periodically. Therefore the course offerings may be modified after this guide is published and before learner schedules are generated. When possible, learners will be notified of these changes so that selections can be modified. Ultimately, the ELANCO Board of School Directors makes the final determination on the curriculum offered at Garden Spot High School.

Garden Spot High School is offering several new courses for the upcoming school year. These courses are identified by the following icon: 

AGRICULTURE

Department Facilitators: Amanda Knight

The agriculture department provides the opportunity for exploration, application, and development of career-ready skills and experiences in the areas of Food, Fiber, and Natural Resources. Enrollment in the agriculture program will help provide the professional and technical knowledge needed to meet the current and emerging careers of the twenty-first century. Being enrolled in an agriculture course provides an FFA membership for learners to participate in year-round activities resulting in development of premier leadership, personal growth, and career success.

	Fall Semester	Spring Semester
7th/8th	Introduction to Agriculture Food & Natural Resources	
9th	Agriculture 1 [#] (prereq for all other Ag classes)	
10th	Agriculture 1 [#] Aquatics Forestry & Wildlife Leadership & Development*	Agriculture 2 Plant Science (S) Supervised Agriculture Experience*
	Small Animal Large Animal Science (S)	
11th	Agriculture 1 [#] Aquatics Forestry & Wildlife Leadership & Development*	Agriculture 2 Plant Science (S) Supervised Agriculture Experience*
	Small Animal Large Animal Science (S) Food Science (S)	
12th	Agriculture Business Foundations Leadership & Development*	Veterinarian Science (S) Supervised Agriculture Experience*
	Food Science (S)	

[#]Agriculture 1 is a prerequisite for all other Ag courses (for the Class of 2029 and beyond)

*Must have an approved SAE Project

(S) - Course counts as a core science credit

Agriculture, Food & Natural Resources (AFNR) (# 0240)

0.50 Credit

Quarter – Daily

Offered Grades: 7, 8

Prerequisite(s): None

Modality: Traditional

Course Description:

This CASE course introduces learners to agricultural opportunities and the pathways of study in agriculture. Science, mathematics, reading, and writing components are woven in the context of agriculture and learners will use the introductory skills and knowledge developed in this course. Throughout the course are activities to develop and improve employability skills of learners through practical applications. Learner experiences involve the study of communication, and the science of agriculture, plants, animals, natural resources, and agricultural mechanics. Learners will understand specific connections between their lessons, Supervised Agricultural Experience (SAE) and FFA components.

Agriculture 1 (# 0255)

1.00 Credit

Fall Semester – Daily

Offered Grade: 9, 10, 11

Prerequisite(s): First priority given to those who successfully completed AFNR.

Modality: Traditional

Course Description:

This introductory agriculture course explores food, fiber, and natural resources and introduces The National FFA Organization. This is accomplished through studying various local, regional, and national agricultural topics including plant, animal, and environmental science as well as various FFA and leadership topics. This course will feature hands-on activities, field trips, and lab experiences as well as the opportunity to attend various FFA events at our chapter, county, regional and state levels. Learners who take this course will participate in various FFA events and functions.

Agriculture 2 (# 0355)

1.00 Credit

Semester – Daily

Offered Grade: 10, 11, 12

Prerequisite(s): Successful completion of the Agriculture 1 course

Modality: Traditional

Course Description:

The course topics will include, but are not limited to, Parliamentary Procedure, Agronomy, Technology & Precision Agriculture, Employment Skills, Agriculture Marketing & Sales, Agri-science, and Public Speaking. This course will feature hands-on activities, field trips, and lab experiences as well as the opportunity to attend various FFA events at our chapter, county, regional and state levels. Learners will complete an Agri-science project and earn their OSHA certification. Learners who take this course will participate in various FFA events and functions.

Leadership Development (# 0450)

1.00 Credit:

Semester – Daily

Offered Grade: 10, 11, 12

Prerequisite(s): Instructor Approval. Successful completion of Agriculture 1 and an established Supervised Agricultural Experience (SAE).

Modality: Traditional

Course Description:

Leadership Development 1 focuses on developing you as a leader, motivator, and follower. Teams and organizations can only work effectively when the group, as a whole, works effectively. This course will guide its participants through research-based group leadership techniques, concepts, and best practices. Leadership concepts taught in class will be put to practice through a membership with the Grassland FFA and National FFA Organizations. A major part of this course will be participation in FFA activities and having an active SAE project. Learners who take this course will participate in various FFA events and functions.

Food Science (# 0825)

1.00 Credit **Science Credit**

Semester – Daily

Offered Grade: 11, 12 (GSHS Science Credit)

Prerequisite(s): Successful completion of Chemistry. Successful completion of Agriculture 1 course.

Modality: Traditional

Course Description:

This introductory level course is designed to guide learners through the unique and vast field of Food Science. The course will teach learners about concepts and situations found in the food science and safety industry through investigating areas of food science. These areas include, but are not limited to, food safety, food chemistry, food processing, and product development and marketing. Learners will complete a semester-long research and development project and will earn their ServeSafe Food Handlers certification. Being enrolled in an agriculture course provides an FFA membership for learners to participate in year-round activities resulting in development of premier leadership, personal growth, and career success.

Plant Science (# 0901)

1.00 Credit **Science Credit**

Spring Semester – Daily

Offered Grades: 10, 11, 12 (GSHS Science Credit & Delaware Valley College Plant Science Majors receive 3 Credits with a B or higher)

Prerequisite(s): Successful completion of Biology. Successful completion of Agriculture 1.

Modality: Traditional

Course Description:

Learners taking this CASE course will have the opportunity to blend science and artistic learning with hands-on activities using plants. Learners will experience the plant science industry from many aspects including plant anatomy, plant propagation, greenhouse management, integrated pest management, hydroponics, and floral design. Being enrolled in an agriculture course provides an FFA membership for learners to participate in year-round activities resulting in development of premier leadership, personal growth, and career success.

Large Animal Science (# 0923)

1.00 Credit **Science Credit**

Semester – Daily

Offered Grades: 10, 11, 12 (GSHS Science Credit)

Prerequisite(s): Successful completion of Agriculture 1.

Modality: Traditional

Course Description:

This CASE course is designed to guide learners through the unique field of Animal Science. The course will teach learners about the history, safe handling, anatomy, nutrition, reproduction, and genetics of production animals. This class will introduce the production and management side of Animal Science. Learners will gain technical knowledge and skills to prepare for careers in the field of animal science and livestock management. This class is a hands-on lab and activity-based class. Being enrolled in an agriculture course provides an FFA membership for learners to participate in year-round activities and class assignments resulting in development of premier leadership, personal growth, and career success.

Small Animal Care and Management (# 0924)

1.00 Credits

Semester – Daily

Offered Grade: 10, 11

Prerequisite: Successful completion of Agriculture.

Modality: Traditional

Course Description:

This course is for learners who want to learn about the small and companion animal industry and related careers. Animals discussed include dogs, cats, rabbits, small rodents, amphibians, reptiles, fish, and birds. Learners will also learn about topics such as small animal genetics, pet ownership, animal welfare, nutrition and digestion, diseases, animal care, safety, and handling! Learners will get a general overview of the small animals in society and take care of animals in the agriculture department practicing proper feeding, grooming, and health checks. Learners will also participate in and design two scientific experiments and present their findings. Being enrolled in an agriculture course provides an FFA membership for learners to participate in year-round activities and class assignments resulting in development of premier leadership, personal growth, and career success.

Agriculture Business Foundations (ABF) (# 0925)

1.00 Credit **[Offered every other year (2026-2027)]**

Semester – Daily

Offered Grades: 11, 12

Prerequisite(s): Seminar 9 and Seminar 10; Successful completion of Agriculture 1.

Modality: Traditional

Course Description:

This course introduces learners to business management practices using agriculture as the context. Mathematics, reading, and writing components are woven in the context of agriculture and learners will use the introductory skills and knowledge developed in this course. Throughout the course are practical and engaging activities, projects, and problems to develop and improve business and employability skills. Additionally, learners investigate and develop viable business plans in order to solve local problems. Learner experiences involve the study of starting a business, financial documents, risk management, and writing a business plan. The knowledge and skills learners develop can be used within multiple pathways of study. Being enrolled in an agriculture course provides an FFA membership for learners to participate in year-round activities and class assignments resulting in development of premier leadership, personal growth, and career success.

Aquatics, Forestry, and Wildlife (# 0970)

1.00 Credit

Semester - Daily

Offered Grades: 10, 11

Prerequisite: Successful completion of Agriculture 1.

Modality: Traditional

Course Description:

Aquatics, Forestry, and Wildlife (AFW) introduces a broad science background highlighting ecology and environmental sciences needed for careers in forestry, fisheries, wildlife, conservation biology, and other natural resource fields. Learners will learn how to be responsible for the conservation, protection, regulation, and management of our nation's flora and fauna. The course will also emphasize the larger picture connections that humans have on our resources and the decisions we make each and every day. Hands-on activities and regular field study will be an important aspect of the curriculum. Proper clothing is required as classes go outside in all sorts of weather and conditions. Being enrolled in an agriculture course provides an FFA membership for learners to participate in year-round activities and class assignments resulting in development of premier leadership, personal growth, and career success.

Honors Veterinary Science (# 0980H)

1.00 Credit (Weighted) **Science Credit - [Offered every other year (2027-2028)]**

Semester – Daily

Offered Grades: 11, 12 (GSHS Science Credit)

Prerequisite(s): Learners must have successfully completed Agriculture 1 and Animal Science. One credit of Biology and/or Chemistry is also required to be successful in this course.

Modality: Traditional

Course Description:

Take your knowledge of the Animal Industry to the next level while learning about the fascinating field of Veterinary Science. Learners will explore the essential principles of veterinary science, focusing on animal anatomy, health care, and behavior. Through hands-on activities and practical experiences, learners will gain skills in animal handling, basic first aid, and wellness assessments for various species, including pets and livestock. The curriculum also covers topics such as clinical practices, common diseases, and ethical considerations in the veterinary field. This course is ideal for learners interested in pursuing careers in animal care, veterinary medicine, or related fields. Being enrolled in an agriculture course provides an FFA membership for learners to participate in year-round activities resulting in development of premier leadership, personal growth, and career success.

Supervised Agriculture Experience (# 0150)

1.00 Credit

Yearly

Offered Grades: 10, 11, 12

Prerequisite: Instructor Approval. Successful completion of Agriculture 1 and have an established SAE project.

Modality: Traditional or Online

Course Description:

A Supervised Agricultural Experience (SAE) is a learner-led, instructor-supervised, work-based learning experience that results in measurable outcomes within a predefined, agreed-upon set of Agriculture, Food and Natural Resources (AFNR) Technical Standards and Career Ready Practices aligned to your Career Plan of study. The course is designed for learners interested in the agriculture industry and is formatted as a partial online course with face-to-face meetings, on-site visits, and tracking of your project and FFA involvement in the Agriculture Experience Tracker (AET). Being enrolled in an agriculture course provides an FFA membership for learners to participate in year-round activities resulting in development of premier leadership, personal growth, and career success. Learners who take this course will participate in various FFA events and functions.

BUSINESS EDUCATION

Department Facilitators: Mr. Brad Harris

Accounting I (# 2000)

1.00 Credit

Semester – Daily

Offered Grades: 10 – 12

Prerequisites: None

Modality: Traditional

Course Description:

The course includes all the accounting procedures needed to run a small business. Learners will study the fundamentals of accounting with the aid of computers, workbooks, and the use of practice sets. Each learner is taught to record the basic transactions of a small business and how those transactions affect the accounting system. Simulations using computers will reinforce concepts taught.

Both college-bound and non-college bound learners would find this course beneficial.

Accounting II – Automated (# 2010)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Accounting I

Modality: Traditional

Course Description:

This course is an extension of the knowledge acquired in Accounting I. Learners are taught to record more advanced transactions. Learners will study partnerships, corporations, departmentalization, control systems, and cost accounting. The format of the course is similar to that of Accounting I with extensive use of accounting software. Learners will also operate the accounting records for the school store. Again, both college-bound and non-college bound learners would find this course beneficial.

Business Law & Finance (# 2095)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: None

Modality: Traditional

Course Description:

Learners will study true situations that show how business and personal law impact business as well as the lives of young people and adults. Learners will study their rights and duties as citizens. Principles of business law pertaining to torts, contracts, bailments, property sales, sources of law, and the judicial system are studied. Business Finance is recommended for all learners, especially those interested in a business career. Units covered: The fundamentals of

money management, investing, loans and credit cards, insurance and investments, tax strategies, budgeting, business costs, business profit and loss, sales and marketing, business data analysis, and international business.

Seminar 9 (# 2025, # 2025EOL)

0.5 Credit

Quarter Course

Offered Grades: 9 – **Required Course**

Prerequisites: None

Modality: Traditional or ELANCO^{Online}

Course Description:

The major focus of Seminar 9 is to begin career development activities, to prepare for entry-level employment and to learn digital communication proficiencies. Learners will explore careers through personality surveys and research and learn how to search for and apply for entry-level jobs. Learners learn how to create professional documents used when applying for jobs and begin to explore entrepreneurial and banking concepts through research and individual and collaborative projects (such as resume, mock interview and job application). In addition, learners will develop computer application skills for success in post-secondary education, personal applications, and in the workplace. The understanding of proper formatting and proofreading will be emphasized to convey a professional message within every project created. This course is designed to meet state-required career readiness standards.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

Seminar 10 (# 2035, # 2035EOL)

0.5 Credit

Quarter Course

Offered Grades: 10 – **Required Course - Graduation Requirement**

Prerequisites: None

Modality: Traditional or ELANCO^{Online}

Course Description:

Seminar 10 continues to build on the career development activities learned in Seminar 9. Learners learn how to create professional documents used when applying for jobs. Learners will study the basics of financial literacy (budgeting, credit, investing and retirement). In addition, learners will develop computer application skills for success in post-secondary education, personal applications and in the workplace. The understanding of proper formatting and proofreading will be emphasized to convey a professional message within every project created. This course is designed to meet state-required career readiness standards.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

Personal & Family Finance (# 2140EOL)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites: None

Modality: ELANCO^{Online}

Course Description:

We all know money is essential in life, and the financial decisions you make today may have a lasting effect on your future. Explore how to spend and save your money wisely, and learn key financial concepts around taxes, credit, and

money management. Discover how education, career choices, and financial planning can lead you in the right direction to making your life simpler, steadier, and more enjoyable.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

Consumer Economics: Life Hacks (# 2145, # 2145EOL)

1.00 Credit

Semester – Daily

Offered Grades: 9

Prerequisite(s): Learners should have a desire to learn new skills for everyday living.

Modality: Traditional or ELANCO^{Online}

Course Description:

This course is designed to increase skills and abilities for everyday living. Additionally, this course will give learners new skills that could be applied to entrepreneurial aspirations in this freelance economy. Business Life Hacks will help learners gain skills in sewing and mending, ironing, using tools for everyday tasks, basic cooking, budgeting, shopping on a budget, comparing prices of consumer goods and services, self-care, identity theft, and etiquette.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

Computer Applications (# 2175)

1.00 Credit

Semester – Daily

Offered Grades: 10 – 12

Prerequisite(s): None

Modality: Traditional

Course Description:

The Microsoft Office program including the programs of Word, Excel, Access, and PowerPoint will be presented using step-by-step projects and simulations. These applications require word processing, spreadsheets, database, desktop publishing, and presentation skills. Google applications (sheets, docs, and slides) may be introduced. Computer exercises will be completed in each area, which will reinforce learning and provide hands-on-experience using the Windows platform on personal computers. Learners will demonstrate knowledge of basic computer operations and concepts along with problem solving and decision-making skills.

Entrepreneurship (# 2225, # 2225EOL)

1.00 Credit

Semester – Daily

Offered Grades: 10 – 12

Prerequisite(s): None

Modality: Traditional or ELANCO^{Online}

Course Description:

Entrepreneurship is a course for learners interested in business and real-world problem solving. This course is designed for designers, creators, writers, and innovators who want to bring ideas to life. Learners will develop an entrepreneurial mindset through hands-on projects centered around our school store, where they will apply concepts such as marketing, finance, supply chain management, and customer service in a real business setting. Throughout the course, learners will use design thinking, team collaboration, and critical thinking to identify problems and create solutions. They will strengthen their personal skills, explore their career interests, and build

confidence as young entrepreneurs. The course will culminate in a Business Plan Project, allowing learners to design and refine a business concept connected to their personal goals and experiences running the school store.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Marketing (# 2395, # DE2395, # 2395EOL)

1.00 Credit (GSHS)

Semester – Daily

3.00 Credits (HACC – College/High School Credit)

Offered Grades: 11, 12

Prerequisites: Ability and desire to do college-level work. Learners MUST be eligible to take the class regardless if they take it for HACC credit or not. They need to be eligible on the placement test or have an SAT Critical Reading score of 480 or above. **ALL** learners must purchase a text regardless if they are taking the course for HACC credit or not.

Modality: Traditional or ELANCOOnline

Course Description:

This is a college course offered at Garden Spot High School during regular school hours. Learners are not required to sign up with HACC, however, **all curriculum, projects, and all other requirements are at the college level.** Emphasis is placed upon marketing strategies concerning product, place, promotion, and price. Learners will do a variety of projects and assignments, all learning about the marketing process and the impact on the market.

Again, this course is offered through Harrisburg Area Community College (HACC). Learners will need to complete an application. Learners will receive 3 college credits after successfully completing the course. These fees are a fraction of the cost of normal tuition. These credits are transferable to many Pennsylvania colleges and universities.

Fee(s): Text → Text cost regardless of whether or not learner is taking for HACC credit.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

International Business (# 2135EOL)

1.00 Credit

Semester Course

Offered Grades: 9, 10, 11, 12

Prerequisites: None

Modality: ELANCOOnline

Course Description:

With the evolution of technology, our world is more connected than ever before, and the business community today is larger than ever. Gain the knowledge, skills, and appreciation to live and work in the global marketplace. You'll begin to understand how both domestic and international businesses are affected by economic, social, cultural, political, and legal factors and what it takes to become a true manager of global business in the 21st century.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Principles of Business, Marketing, and Finance (# 2110EOL)

1.00 Credit

Semester Course

Offered Grades: 9, 10, 11, 12

Prerequisites: None

Modality: ELANCOOnline

Course Description:

Discover the fundamental knowledge that will help you pursue a career in business, as well as always generating interest and buzz around the products and services offered. Explore different types of businesses and ownership forms, the impact of governments on business, and the marketing of goods and services. Learn about globalization, free trade, and various economic systems, as well as the impact of technology on business, business ethics, and social responsibility. Learn how to create a marketing strategy that promotes and attracts customers in order to sell a product or service. Explore important basics of business finance, including accounting, budgeting, and investing. And learn what careers are available in business and the important employability skills you'll need to ace the interview and land the job!

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Business Law (# 2090EOL)

1.00 Credit

Semester Course

Offered Grades: 9, 10, 11, 12

Prerequisites: None

Modality: ELANCOline

Course Description:

Whether you plan on starting your own business or being in charge of one, it is crucial you understand how to keep the company compliant. Explore what it means to run an ethical business, how to keep intellectual property, technology, and e-commerce safe and protected, understand insurance and taxes, and how to have a healthy workplace environment. Keep the business safe and growing by following the law.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Pathways2Success Cooperative Education – Class (# 2453)

1.00 Credit

Semester – Daily

Offered Grades: 12

Prerequisite(s): Learners must have an interview before being accepted into the program; learner must be employed by a local business; learner must obtain working papers; learner must agree to have open communication between school district, parent and employer; learner must have their own transportation within the community (parent agreement to transport, walking distance to employment setting, has valid PA Driver's License).

Modality: Traditional

Course Description:

The focus of co-op is to provide learners with an alternative education option to gain work experience through co-op employment, advancing learner training in high priority careers in a customized setting that is learner focused. Classroom instruction will focus on learning skills that local employers desire in their employees. Learners will have work-based and academic based learning experiences that are based on each learner's individual goals. Partnerships with local employers and employment agencies will be utilized.

Learners must successfully complete an interview before being accepted into the program. The individual learner's credits will determine how many classes must be taken at GS before being permitted to leave for work during school hours.

ENGLISH

Department Facilitator: Mr. Jesse McBride and Dr. Kristen Soper

Course Sequence:

English	9	10	11	12
Honors	Keystone English 9 Honors	Keystone English 10 Honors*	Honors American Literature OR Honors British Literature OR Advanced Composition & Speech OR Any English Elective	Honors British Literature OR AP Literature OR Any English Elective
College Prep	Keystone English 9	Keystone English 10*	Any English Elective	Any English Elective
Career Prep	K English 9 A/B Keystone English 9 A/B Co-Taught	Keystone English 10 A/B* Keystone English 10 A/B Co-Taught*	Any English Elective	Any English Elective

* = Keystone Exam

Keystone English 9 (# 3305, # 3305EOL, # 3310, # 3310EOL)



1.00 Credit

Semester – Daily

Offered Grades: 9 (**Required**)

Prerequisites: None

Modality: Traditional or ELANCO*Online*

Course Description:

Learners in ninth grade will engage in English study that develops and hones the crucial abilities of reading, writing, speaking, and listening. A major emphasis on writing routinely with specific purpose in a variety of modes—including narrative, expository, persuasive, and research—serves as the main thrust of this course. Learners will also read, interpret, and write about literature, including short fiction and nonfiction, the novel, and drama. Critical reading, writing, and thinking strategies will equip learners to build comprehension and to develop their analytical writing skills. Placement in the following courses is dependent upon a combination of individual learner data, historical grades, and teacher recommendation.

3305 / 3305EOL → Keystone English 9 Honors (Weighted Credit)

3310 / 3310EOL → Keystone English 9

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.

Keystone English 10 (# 3335, # 3335EOL, # 3340, # 3340EOL)



1.00 Credit

Semester – Daily

Offered Grades: 10 (Required)

Prerequisites: Successful completion of Keystone English 9

Modality: Traditional or ELANCO**Online**

Course Description:

Learners in tenth grade will engage in English study that continues to develop and hone the crucial abilities of reading, writing, speaking, and listening. A major emphasis on reading and writing about literature—in analysis and evaluation—will serve as the prominent focus of study. Many of the literary works learners will explore come from the authors of England and America. Critical reading, writing, and thinking strategies will equip learners to build comprehension and to develop their analytical writing skills. Placement in the following courses is dependent upon a combination of individual learner data, historical grades, and teacher recommendation.

3335 / 3335EOL → Keystone English 10 Honors (Weighted Credit)

3340 / 3340EOL → Keystone English 10

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO**Online** modality.

American Literature (# 3170, # 3170EOL, # 3175, # 3175EOL)



1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Keystone English 9 and 10

Modality: Traditional or ELANCO**Online**

Course Description:

This class includes units on literature, reading, writing, speaking and listening. Learners will have opportunities to analyze literary selections and develop a deep understanding and appreciation of American literature. Critical reading, writing, and thinking strategies will help learners build comprehension and develop their writing skills. Learners will also develop effective verbal communication skills. In the Honors course, the major emphases of this course are major American literary forms, rhetoric, and composition, with complementary instruction in grammar and usage. Placement in the following courses is dependent upon a combination of individual learner data, historical grades, and teacher recommendation.

3175 / 3175EOL → American Literature Honors (Weighted Credit)

3170 / 3170EOL → American Literature

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO**Online** modality.

British Literature (# 3190, # 3190EOL)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Keystone English 9 and 10

Modality: Traditional or ELANCO*Online*

Course Description:

British Literature is designed to give learners a survey of the origins and development of the English language and English literature. It follows a progression of readings stretching from the earliest texts written in English through the Renaissance, the Romantic period, and into the twentieth century. Learners will read poetry, drama, and short and long fiction, with a focus on the cultural context and personal meanings of these texts. They will complete a variety of projects, essays, and creative assignments in their investigation of the course material.

*Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.*

Honors British Literature (# 3195, # 3195EOL)



1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Keystone English 9, 10, and 11, especially at the Honors level.

Modality: Traditional or ELANCO*Online*

Course Description:

British Literature is designed to prepare learners for rigorous college-level work in the areas of literary analysis, concept analysis, and advanced writing. The major emphasis in this course is the analysis and evaluation of literature, with a particular focus on tragedy (Greek, British, and American). This class builds on and develops essential literary concepts explored in other honors courses. Independent, out-of-class reading is required in preparation for meaningful class discussions, debates, and essay compositions. Tests, projects, and in-depth analysis papers will be the primary modes of assessment.

*Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.*

Advanced Composition & Speech Honors (# 3140H)



1.00 Credit (**Weighted**)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Keystone English 9 and 10

Modality: Traditional

Course Description:

This course aims to prepare learners – ahead of time – for thinking, learning and performing academically at the college level. Learners will rise to the challenges presented by acquiring the skills and conceptual knowledge necessary to think, plan, research, write, and speak at a level required in post-secondary education. Lessons learned in this course should serve the learners' academic needs throughout the rest of the years of their schooling. Beginning with the end in mind, learners will be gaining the ability to clearly and articulately communicate in both the oral and written traditions.

AP Literature (# 3200, # 3200EOL)



1.00 Credit (**Weighted**)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Keystone English 9 and 10 and teacher recommendation.

Modality: Traditional or ELANCO*Online*

Course Description:

An AP English Literature and Composition course engages learners in the careful reading and critical literary analysis writing about imaginative literature to prepare them to take the AP Literature and Composition Exam™ administered by the College Board. Learners cultivate their understanding of literature through close reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works to deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. The course includes intensive study of a variety of representative works such as poetry, short fiction, long fiction, and drama, from various genres and periods, concentrating on works of recognized literary merit. Reading in an AP course is both wide and deep. In the course, learners will read deliberately and thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form. Learners will focus their time on crafting literary arguments through thesis statements and then providing evidence from the texts in support of a claim along with commentary about how the evidence supports the claim.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.

AP English Language and Composition (# 3275EOL)



1.00 Credit (**Weighted**)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful Completion of English 9 & 10 or Equivalent Courses

Modality: ELANCO*Online*

Course Description:

This course helps learners prepare to take the Advanced Placement Language and Composition Exam™ administered by the College Board. The first part focuses on the concepts and skills needed to analyze argumentative texts and to build solid arguments—starting with the choices that experienced authors make when they write to persuade an audience. Learners learn and apply best practices for constructing, revising, and refining their own arguments. Writing assignments in Part A include rhetorical analyses of straightforward written arguments as well as satirical texts and visual approaches to persuasion. Learners will be asked to develop several formal argumentative essays and also to practice new skills by writing less formal journal entries throughout the quarter. The pace and level of work required by this course is similar to that required in a college-level composition course, so learners should be prepared to work independently and to complete all assignments in a way that makes good use of their time.

The second part of AP English Language and Composition focuses on writing tasks that require synthesis and documentation. Learners will analyze many examples of synthesis essays and apply what they learn as they create their own texts based on multiple sources. They will also take a closer look at the use of visual and multi-modal or multimedia evidence when used as support for an argument, and they'll consider how to incorporate these unique approaches into their own attempts at persuasion. Part B will ask learners to work toward improving and refining the style with which they deliver arguments, including the use of rhetorical devices, varied syntax, and grammatical concepts essential to academic discourse. Writing assignments in Part B include the analysis and construction of

multimedia arguments, studies in style, and research-based projects that require the synthesis of information and ideas. As in Part A, the pace and level of work required by this course is advanced and substantial, so learners should be prepared to work independently and thoroughly on all assignments.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Creative Writing (# 3240, # 3240EOL)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Keystone English 9 and 10

Modality: Traditional or ELANCOOnline

Course Description:

This elective is designed for learners who have a sincere interest in learning the "how to" of writing short stories, screenplays, poetry, creative media projects, and personal essays. The course offers classical examples of numerous literary genres and uses a process approach to writing, involving motivational activities, writing rough drafts, revision and editing through peer counseling to produce a final product, with the potential for publication.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Contemporary Literature (# 3400)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Keystone English 9 and Keystone English 10

Modality: Traditional

Course Description:

This course examines post-1950's literature from around the world, such as North and South America, Europe and Great Britain, the Middle East, and post-colonial Africa and Asia. It addresses contemporary issues and multiple genres to develop a sense of how particular genres are used today to represent ideas and events. Learners analyze different theories and methods of textual criticism, especially theories currently popular. Learners analyze how the interpretations and themes of contemporary literature read in this course relate to the time period and to historical issues.

Drama I: Introduction to Theatre & Acting (# 3561)

1.00 Credit **[NCAA Approval Pending]**

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Keystone English 9 and Keystone English 10

Modality: Traditional

Course Description:

This course explores the world of theater from page to stage. Major topics of study include the relationship between theater and society, historical origins of theatre and its development in the Western world, dramatic structures of plays, as well as the responsibilities and skill sets of various theater artists such as directors, producers, designers, playwrights, and actors. Learners will engage with a variety of theatrical scripts from William Shakespeare to Neil Simon. As an English credit, this class also will prioritize the skills of formal, nuanced writing and critical analysis of texts – reading for deeper meaning, making connections, asking questions, marshalling evidence, and interrogating texts for clues on character development, symbolism, narrative momentum, etc. A premium also will be placed on developing the following skills: line memorization, vocal control and elocution, ensemble collaboration, and in-depth scene work.

Drama II: Advanced Acting, Stage Craft, and Characterization (# 3562)



1.00 Credit **[NCAA Approval Pending]**

Semester – Daily

Offered Grades: **[NOT CURRENTLY OFFERED]**

Prerequisites: Successful completion of Keystone English 9, Keystone English 10, and Drama I

Modality: Traditional

Course Description:

This course builds upon Drama I, which is a pre-requisite for enrollment, and it continues to hone and fine-tune text analysis, character development, scene work, and acting. Through rigorous individual and ensemble exercises, learners will be introduced to the techniques necessary to play a character more believably, more honestly and authentically, and more empathetically. Learners will deep-dive into strategies and methodologies from the following schools of acting: Classical, Stanislavski, and Meisner. As its final exam, the course will culminate with memorized scene presentations for a panel of outside judges, which will include several teachers and local theatre professionals. As part of this class, learners are strongly encouraged to participate in the cast or crews of Garden Spot Performing Arts. ***The pre-requisite of Drama I may be dropped with special permission from the teacher for those learners who've participated in at least four GSPA productions (cast and/or crew).

Journalism (# 3440, # 3450EOL)



1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Keystone English 9 and 10

Modality: Traditional or ELANCO*Online*

Course Description:

This course is designed to teach both the advanced writing and beginning reporting skills used in print and broadcast journalism. This course is best suited for those with a genuine interest in the areas of journalism, mass media, marketing, and/or public relations; those seeking additional ways of developing more advanced writing and research skills are also encouraged to enroll. The primary objectives are: to develop the ability to distinguish between fact and opinion; to develop nuanced, critical news judgment; and to communicate ideas clearly, concisely, and effectively through hard news writing, feature writing, and editorial writing. Learners are required to complete an independent project in enterprise reporting & publishing (conducting off-campus, face-to-face interviews; conducting extensive research; mastering the AP style of writing; and generating articles for publication).

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Mythology & Folklore (# 3150EOL)

1.00 Credit

Semester Course

Offered Grades: 11, 12

Prerequisites: Successful Completion of English 9 & 10 or Equivalent Courses

Modality: ELANCOOnline

Course Description:

Since the beginning of time, people have gathered around fires to tell stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Mythology and folklore have provided a way for these colorful stories to spring to life for thousands of years and helped humans make sense of the world. Explore how these compelling tales continue to shape society even today.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Professional Communication (# 3145EOL)

1.00 Credit

Semester Course

Offered Grades: 11, 12

Prerequisites: Successful Completion of English 9 & 10 or Equivalent Courses

Modality: ELANCOOnline

Course Description:

In today's global economy, professional communication is no longer limited to the basics of reading, writing, speaking, and listening. In this course, you will focus on communication in many forms- written, oral, graphic, and technological- in the workplace to enhance career options while learning how to address conflict and communicate with cultural competency. By the end of this course, you'll have the basics you need to be a standout communicator in a professional setting.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Reading & Writing With a Purpose (# 3160EOL)

1.00 Credit

Semester Course

Offered Grades: 11, 12

Prerequisites: Successful Completion of English 9 & 10 or Equivalent Courses

Modality: ELANCOOnline

Course Description:

As you move through high school to college or to your career, the types of writing and documents become more high stakes. Real-world information can be journalistic and researched-based articles, legal, insurance, college entrance forms, employment, vehicle-related documents, and more. Learn how to critically read, write, and evaluate real-world writings to set you up for your future success.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

ENGLISH LANGUAGE LEARNERS (ELL)

English as a Second Language (ESL)

0.50 – 2.00 Credits

Semester – Daily

Offered Grades: 9, 10, 11, 12

Prerequisites: Learners are identified by the Home Language Survey and individual ESL needs assessment. All qualifying English Language Learning Learners are served by the program according to their individual needs.

ESL Courses will be counted as elective credits and/or humanities credits as determined by the ESL instructor and the learner's counselor.

Modality: Traditional

Program Description:

This program is intended for learners whose native language is not English and whose skills in English are below the level of native English speaking classmates. Understanding, speaking, reading, and writing of English are offered as well as tutoring in other subject areas. Learners will be assigned from one (1) period to three (3) periods a day, depending on their proficiency.

ESL BEG1 Level 1 – Beginner S1 → 2 Credits

ESL BEG2 Level 1 – Beginner S2 → 2 Credits

ESL INT1 Level 2 – Intermediate S1 → 1 Credit

ESL INT2 Level 2 – Intermediate S2 → 1 Credit

ESL ADV1 Level 3 – Advanced S1 → 0.50 Credit

ESL ADV2 Level 3 – Advanced S2 → 0.50 Credit

HEALTH & PHYSICAL EDUCATION

Department Facilitators: Ms. Katie Epler

Overview:

All learners are required to take HPE9 which is a combination of health and physical education instruction. During this class, learners will be introduced to physical activities from each of the upperclassmen physical education courses. Learners will be required to take 1.5 credits of the upperclassmen physical education electives during their 10th-12th grade semesters.

General Health & Physical Education (HPE) Guidelines:

1. Locks purchased from the school should be used to secure personal clothing and belongings in assigned bins/lockers. The lock fee is \$6.00 (subject to change). *Please note, Garden Spot High School is not responsible for lost or stolen personal items.*
2. Learners are required to change into activity appropriate attire, which includes a full-sleeved t-shirt that displays school appropriate pictures and words. Shorts should be of appropriate length. School dress code applies. Learners may choose to wear sweatpants and or sweatshirts in case of inclement weather.
3. Learners may be required to wear heart rate monitors (HRM) in most classes as part of their assessment. Learners may buy their own heart rate monitor strap if they choose to do so at a cost of \$25.00. In classes that require HRM's, each learner will be given a heart rate monitor strap at the beginning of the course. They will keep it the entire semester. If they lose the strap, they are required to pay the \$25.00 replacement fee.

Health Topics: Anatomy & Physiology (# 6070, # 6070EOL)



1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Health, Chemistry, or concurrently enrolled in Biology.

Modality: Traditional [NCAA APPROVAL] or ELANCO^{Online}

Course Description:

Learners interested in going into the medical field, biology, athletic training, physical education, health education or nursing field should consider taking this course. This course is intended to provide the learner with an in-depth look at the human body and the way it works. Topics covered include skeletal, muscular, nervous, and digestive systems, as well as medical vocabulary and anatomical terms. Learners will participate in a dissection in the traditional modality.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

Health & Physical Education 9 (# 6120, # 6120EOL)

1.00 Credit

Semester – Daily

Offered Grades: 9 – **REQUIRED**

Prerequisites: None

Modality: Traditional or ELANCO^{Online}

Course Description:

NOTE: Learners receive 1 full HPE credit (0.5 health and 0.5 physical education) for this course.

The health portion of the class is skills-based and designed to provide the learner with practical and useful information for both the present and the future. The emphasis is on information, which the learner can apply to lead a healthy lifestyle. Topics covered throughout the course include but are not limited to Stress and Mental Health, Fitness, Nutrition, Alcohol, Tobacco, and Other Drugs, Immune Response and Disease, Healthy Relationships, First Aid and CPR, as well as Consumer and Community Health.

In the physical education portion of the class, learners will actively engage in a multitude of activities while focusing on the improvement of motor skills, application of game strategies and enhancement of group interaction. In addition, learners will strive to improve both health and skill related elements of fitness through participation in these activities. Activities offered include but are not limited to cardio heart rate monitor activities, archery, badminton, basketball, biking, football, soccer, ultimate frisbee, volleyball, and weight training.

Note - The ELANCO^{Online} modality has a Polar Verity Sense heart rate monitor component.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

Physical Education 10 (# 6100B / 6110G)

0.50 Credit

Quarterly – Daily

Offered Grades: 10- **REQUIRED**

Prerequisites: None

Modality: Traditional or ELANCO^{Online}

Course Description:

This course focuses on physical fitness through personal fitness assessment and individual goal setting. Learners will actively engage in a multitude of activities while focusing on improvement of motor skills, application of game strategies and enhancement of group interaction. In addition, learners will strive to improve both health and skill related elements of fitness through participation in these activities. Activities offered include but are not limited to cardio heart rate monitor activities, archery, weight training, tennis, football, softball, basketball, badminton, volleyball, and biking.

Note - The ELANCO^{Online} modality has a Polar Verity Sense heart rate monitor component.

Lifetime Physical Activity (# 6280)

1.00 Credit

Semester – Daily

Offered Grades: 11-12

Prerequisites: None

Modality: Traditional

Course Description:

In Lifetime Physical Activity (LPA) learners will engage in a multitude of activities while focusing on improvement of motor skills, application of strategy, and enhancement of group interaction. In addition, learners will strive to

improve both health- and skill-related elements of fitness through activity. Learners will have the opportunity to participate in activities that support the achievement of their fitness goals and promote lifelong participation in activity. Activities offered include but are not limited to archery, pickleball, Omnikin Ball, cooperative games, weight training, tennis, lawn games, badminton, volleyball, biking, yoga, disc golf, mindfulness, and cardio heart rate activities.

Competitive Lifetime Physical Activity (# 6290)

1.00 Credit

Semester – Daily

Offered Grades: 11-12

Prerequisites: None

Modality: Traditional

Course Description:

In Competitive Physical Activity (LPA), learners will engage in a multitude of activities while focusing on improvement of motor skills, application of strategy and enhancement of group interaction in a competitive environment. In addition, learners will strive to improve both health- and skill-related elements of fitness through activity. Learners will have the opportunity to participate in activities that support the achievement of their fitness goals and promote lifelong participation in activity. Activities offered include but are not limited to, soccer, football, ultimate frisbee, floor hockey, basketball, pickleball, team handball, badminton, volleyball, and cardio heart rate activities

Fitness & Weight Training (# 6390)

1.00 Credit

Semester – Daily

Offered Grades: 11-12

Prerequisites: None

Modality: Traditional

Course Description:

Fitness and weight training mainly focuses on a combination of weight training, cardio respiratory activities and flexibility exercises to improve a learner's overall fitness. This class focuses on physical fitness through personal fitness assessment followed by individual goal setting. Learners will engage in activities that will improve both health- and skill- related elements of fitness. Learners will review the elements of fitness and principles of exercise and put them into action through the use of a personal fitness plan that supports the achievement of their fitness goals. The primary goals of this course are to improve fitness while enabling the learners to make educated decisions regarding fitness and weight training program design and application.

Fitness (# 6375EOL)

0.50 Credit

Quarter Course

Offered Grades: 11, 12

Prerequisites: None

Modality: ELANCO*Online*

Course Description:

Fitness will introduce the concepts of exercise and its benefits. Topics range from how exercise impacts well-being and physical health, to learning the body systems that play a major role in a person's ability to participate in that

exercise. As learners progress, they will encounter critical thinking questions that help them apply new knowledge to their own lives.

Note - The ELANCOonline modality has a Polar Verity Sense heart rate monitor component.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOonline modality.

Personal Fitness (# 6380EOL)

0.50 Credit

Quarter Course

Offered Grades: 11, 12

Prerequisites: None

Modality: ELANCOonline

Course Description:

What does being fit really mean? It's not only about losing weight. Being fit is about living life to the fullest and making the most of what you have yourself! You'll learn about body functions, safety, diet, goals, and strategies for longevity. Explore the world of healthy living and see how real fitness can be achieved through intention, effort, and just the right amount of knowledge.

Note - The ELANCOonline modality has a Polar Verity Sense heart rate monitor component.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOonline modality.

Nutrition and Wellness (# 6500EOL)

0.50 Credit

Quarter Course

Offered Grades: 11, 12

Prerequisites: None

Modality: ELANCOonline

Course Description:

To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how food affects essential aspects of your life from your weight to how you age to how well you think. You'll also examine how outside influences-family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness.

Note - The ELANCOonline modality has a Polar Verity Sense heart rate monitor component.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOonline modality.

Sports Performance (#6460 & #6470)

1.00 Credit

Semester - Daily

Offered Grades: 9-12

Prerequisites: Participation in Garden Spot Athletics.

Modality: Traditional

Course Description:

Sport Performance will focus on improving a learner athlete's performance within the sport(s) that they play at Garden Spot. The course will utilize a blended format between classroom, gym, tennis courts, track, athletic fields,

and the fitness center. Programs will be written and utilized to develop each learner's potential within strength and performance. This class, like other physical education classes, will focus on physical fitness through personal fitness assessment followed by individual goal setting. Learners will engage in activities that will improve both health- and skill- related elements of fitness ultimately leading to better performance within their sport of choice. Learners will apply the elements of fitness and principles of exercise to achieve their performance goals. Sport Nutrition and diet will also be a part of the course, encouraging healthy eating. The Primary goal of this course is to support our learner athlete population with a course that can facilitate enhanced performance in the realm of athletics.

- **Semester 1 Course Offering (#6460)** – Basketball, Baseball, Track & Field, Bowling, Rifle, Softball, Boys Tennis, Lacrosse, Ice Hockey
- **Semester 2 Course Offering (#6470)** – Football, Field Hockey, Soccer, Volleyball, Girls Tennis, Golf, Cross Country

HUMANITIES

Department Facilitator: Mr. Adam Bunting and Mr. Colton Henry

Guitar Lab (# 5010Q)

0.50 Credit

Quarter – Daily

Offered Grades: 9-12

Prerequisites: None

Modality: Traditional

Course Description:

This beginning guitar class is designed for high school learners to develop fundamental guitar skills, including basic chords, strumming techniques, and simple melodies. Learners will gain proficiency in playing the guitar through hands-on practice and learn how to read music and tablature. As a performance-based class, learners will have the opportunity to showcase their progress by performing in front of their peers, building confidence and stage presence.

Piano Lab (# 5016Q)

0.50 Credit

Quarter – Daily

Offered Grades: 9-12

Prerequisites: None

Modality: Traditional

Course Description:

This one credit piano course will offer each learner the opportunity to develop an intermediate proficiency on the piano. The fundamentals of piano technique are taught to every learner and are mastered through regular practice. This course will be a combination of classical, folk and rock piano styles of playing. Digital Pianos are provided in the Piano Lab. Learners may only take this course once.

American Music Theater (# 5060)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites: None

Modality: Traditional

Course Description:

In this course the curtain rises on one of America's most popular forms of entertainment– the musical comedy. Study the fascinating history and evolution of this distinctive aspect of our culture. Discover and enjoy the stories and memorable music, composers, and performers that have made the American Musical great, as you learn how music, dance, and acting intertwine in this theatrical form.

Applied Music (Band/Choir/Orchestra) (# 5020B, # 5020C, # 5020O)

1.00 Credit

Full Year – Every-other-Day

Offered Grades: 9-12

Prerequisites: By approval for Band and orchestra; No audition required for Chorus

Modality: Traditional

Course Description:

A learner may choose to be a part of band, chorus, orchestra, or multiple performing groups. Applied Music includes the study of and subsequent appreciation of music through performance. Learning the art of music performance through concentration on all the aspects - mental, physical, spiritual, scientific, artistic, self-disciplinary actions, historical, ensemble techniques - is the goal. Extensions of Applied Music are the section rehearsal, the private lesson, the small ensemble, and the county, district, regional, and all-state select groups.

Participation in all learner assembly and public performances is a requirement for this course.

This course does not operate on a semester basis. The offerings in Applied Music are designed to cover the entire school year.

Music Theory (# 5170, # 5170EOL)

1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: One credit in Applied Music or approval of instructor

Modality: Traditional

Course Description:

Music Theory is the study of the language of music or, in other words, the visual representation of musical sounds. The learner will be introduced to the elements of music and will study scales, key signatures, meter, intervals, triads, choral progressions, cadences, ear training, harmonic analysis, bass lines, and composition of melodies. By studying the language of music, the learner will better understand the music he or she performs and listens to. Learners with an aptitude for composition will be encouraged to pursue this medium as well.

AP Music Theory (# 5200)

1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Music Theory or approval of instructor

Modality: Traditional

Course Description:

The Advanced Placement Music Theory Course is a one-semester course designed to be the equivalent of a college-level introductory course. Attention will be given to ear training, chord recognition, rhythmic and melodic dictation, music analysis, figured bass, composition and arranging. Learners will also learn to recognize basic composers and their compositional traits. College credit and/or appropriate placement will be granted by participating colleges to learners who score well in the standardized examination.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Vocal Techniques (# 5550Q)

0.50 Credit

Quarter 1 – Daily

Offered Grades: 9-12

Prerequisites: Must be a member of Choir / Vocal Ensemble

Modality: Traditional

Course Description:

Vocal Techniques is a performance-based course designed to teach learners how to use vocal techniques to improve overall singing.

This course would benefit those looking to expand their knowledge of their voice and how it works, further their vocal ability, prepare for auditions (District Chorus, County Chorus, etc), and develop performance skills. Group and individualized vocal instruction are a regular part of class.

Part of the class requirements includes preparation and performance of a variety of styles of music both in small groups and solos.

2D Design (# 5360)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites: None

Modality: Traditional

Course Description:

The course emphasizes basic skills in drawing, painting and mixed media. The semester includes additional processes with two-dimensional design materials. The goal is to build upon skills and concepts learned in middle school art classes and prepare learners for more advanced high school art classes and processes. This is a semester length course that can be taken either first or second semester.

Advanced Drawing & Painting (# 5311)

1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: Successful completion of 2D Design (# 5360)

Modality: Traditional

Course Description:

This course will focus on advanced techniques and approaches in drawing and painting mediums. There will be a split between drawing and painting content. This course is for learners serious about improving their drawing and painting skills. The goal will be to build on the drawing and painting skills and fundamentals gained in 2D Design (prerequisite) with a greater focus on development of personal artistic style and skills needed for art at the college level. This is a semester length course that can be taken either first or second semester.

Ceramics (# 5413)

1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: Successful completion of 3D Art

Modality: Traditional

Course Description:

Learners expand their knowledge of ceramics with advanced exploration of materials and techniques used in the construction of hand built or wheel thrown pottery. This course is for learners serious about improving their skills. The goal will be to build on the hand-building and wheel-throwing skills and fundamentals gained in 3D Art (prerequisite) with a greater focus on development of personal artistic style and skills needed for art at the college level. This is a semester length course that can be taken either first or second semester.

3D Art (# 5430)

1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: None

Modality: Traditional

Course Description:

The 3D course will introduce learners to 3D design. Learners will learn to visually express their ideas in 3D with the use of various materials such as wood, plaster, metal, paper and plastic. They will also be introduced to 3D hand building techniques and basics of working with clay. This is a semester length course that can be taken either first or second semester.

Advanced Portfolio Development 1 (# 5605H)

1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 10-12

Prerequisites: 2D Design and Advanced Drawing & Painting OR 3D Art and Ceramics.

Modality: Traditional

Course Description:

The purpose of this course is to provide talented and driven art learners who may be considering attending art school an opportunity to develop an exemplary portfolio; to provide classes dedicated to advanced skills and concepts in art. Learners will build their own plan for projects with the help of the teacher. Learners must meet prerequisites and have an approval form signed by the teacher. This is a semester-long course that can be taken either first or second semester.

**A learner may choose to focus more on 2D or 3D/Clay or a blend of both. With that said, they must have taken both (2D Design and Advanced Drawing and Painting) or both 3D courses (3D Art and Ceramics) to be eligible for the Advanced Portfolio Development course.*

Advanced Portfolio Development 2 (# 5615H)

1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: 2D Design and Advanced Drawing and Painting OR 3D Art and Ceramics, Advanced Portfolio Development 1

Modality: Traditional

Course Description:

The purpose of this course is to provide talented art learners who may be considering attending art school an opportunity to continue to develop an exemplary portfolio; to provide classes dedicated to advanced skills and concepts in art. This is a semester-long class that can be taken either first or second semester.

**A learner may choose to focus more on 2D or 3D/Clay or a blend of both. With that said, they must have taken both (2D Design and Advanced Drawing and Painting) or both 3D courses (3D Art and Ceramics) to be eligible for the Advanced Portfolio Development course.*

Advanced Wheel Throwing (# 5406)

1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 10-12

Prerequisites: 3D Art and Ceramics

Modality: Traditional

Course Description:

This course will introduce learners to the business side of pottery. Learners will learn how to maintain their own pottery business, market themselves, and network with other business owners and potters to expand their own knowledge and gain new skills. This course is for learners serious about improving their skills in wheel-throwing or hand-building with clay. The goal will be to learn how to start up your own business, market your business, and network with others in order to expand their revenue. This is a semester length course that can be taken either first or second semester.

ACCESS SUCCESS & INTERNSHIP

Access Success (# 2460 & 2461)

1.00 Credit

Semester – Daily

Offered Grades: 11-12

Prerequisites:

1. Candidates must be 5th-year seniors or have 16 or fewer credits when starting their fourth year.
2. Candidates must speak with their school counselor and the Access Success teachers about the program and complete an application to determine eligibility.
3. Candidates must be willing to discuss and reflect upon interpersonal and intrapersonal experiences. This is an ongoing reflective process throughout the duration of the program.
4. Candidates must be ready to get and hold a job or participate in interest-based vocational activities that may lead to getting a job (either entry-level employment or moving towards career-based employment).

Modality: Traditional

Course Description:

Access Success is a differentiated program that allows learners to access intrapersonal and professional success. This program is for learners who have not experienced traditional academic success in the expected timeline.

Exception:

Candidates who want to participate in our co-op program but cannot attend school in-person (school counselors and additional relevant stakeholders will determine in-person eligibility) may also be considered for the Access Success Program, which requires learners to graduate with 21 credits. Co-op learners will graduate following the Garden Spot High School 28 credit requirement.

Internship (# 2474)

1.00 Credit

Semester – Daily

Offered Grades: 12

Prerequisites:

1. Candidates must complete an application provided by the Internship Coordinator and Guidance Office and be given approval to participate.
2. Candidates must have senior academic status.
3. Learner interns must provide their own transportation if their placement requires it.
4. Candidates must acquire an internship placement in which they can work for a specific number of minutes per week as determined by the school bell schedule.
5. If the internship is paid, the intern must submit working papers. If learners must drive to their internship, they must submit a copy of their driver's license.
6. A completed Internship Training Agreement and Plan must be submitted prior to the start of the semester in order to participate in the internship.
7. Learners under the age of 18 must have their internship mentor submit the required volunteer clearances found on the ELANCO website.

Modality: Traditional

Course Description:

Internship grants seniors an opportunity to gain real-world experience to observe and explore employment scenarios that will develop career awareness and aid in focusing on post-secondary goals. Learners will be assessed by their

mentor and by the Internship Coordinator on their professionalism, stepping out of their comfort zone and their performance on multiple reflective assessments. Mandatory classroom instruction will be given through an online course on Canvas.

MATHEMATICS

Department Facilitator: Mr. Patrick Brandt

Course Sequence:

Mathematics	9	10	11	12
Honors	Keystone Geometry Honors	Pre-Calculus Honors	Elective	Elective
College Prep	Keystone Algebra A/B* or Algebra I* [^] & Algebra II [^]	Keystone Geometry	Pre-Calculus Probability & Statistics Intermediate Algebra	Elective
Career Prep	Keystone Algebra 1A/1B* Keystone Algebra 1A/1B Co-Taught*	Geometry	Math 11	N/A

* = Keystone Exam

[^] = ELANCO^{Online}

Keystone Algebra A/B (# 7036, # 7037, # 7050, # 7055)



2.00 Credits (GSHS) / 1.00 Credits (NCAA)

Full Year – Daily

Offered Grades: 9-11

Prerequisites: None

Modality: Traditional

Course Description:

This course is a study of the important concepts and skills of Algebra, including operations with simple algebraic expressions, positive and negative numbers, linear equations in one or two variables, graphic representation, polynomial expressions, rational expressions and quadratic equations. Reading and problem solving are emphasized throughout the course. Learners will use scientific calculators and be able to decide when its use is appropriate.

7035 – Keystone Algebra (Full Year)

7050 – Keystone Algebra A

7055 – Keystone Algebra B

Upon completion of this course, learners will be required to complete the Algebra I Keystone Exam.

Algebra I (# 7020EOL, # 7022EOL) 

1.00 Credit

Semester – Daily

Offered Grades: 9, 10

Prerequisites: None

Modality: ELANCO*Online*

Course Description:

What are algebraic expressions? How are they structured, and how can they be combined to create equations and inequalities? How do you know that the solutions you find are correct? In Algebra 1, learners create expressions from verbal descriptions, manipulate and transform them, and create visual models. Requiring learners to explain each step helps them understand mathematical processes. Exploring functions, sequences, and their corresponding graphs helps learners determine the best ways to represent each. Learners examine functions graphically, numerically, symbolically, and verbally, and learn how to translate between these different forms. Learners' depth of understanding increases as they complete proofs and describe data, fitting functions to their data. Learners then extend their knowledge of linear and exponential relationships and apply their new understanding to create quadratic and exponential expressions as models of real-life phenomena.

7020EOL – Academic Algebra I

7022EOL – Algebra I Honors (Weighted)

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.

Algebra II (# 7060, # 7060EOL, # 7090, # 7090EOL) 

1.00 Credit

Semester – Daily

Offered Grades: 10, 11

Prerequisites: Successful Completion of Keystone Algebra

Modality: Traditional or ELANCO*Online*


Course Description:

This course will focus on developing proficiency with mathematical algebraic skills, expanding understanding of mathematical and algebraic concepts, improving logical thinking, and communicating mathematical reasoning in written, verbal and visual form. This course expands the units studied in the Keystone Algebra 1 course both in depth and scope with additional topics included.

7060 / 7060EOL – Algebra II Academic

7090 / 7090EOL – Algebra II Honors (Weighted) - offered in EOL modality only

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.

AP Statistics (# 7150) 

1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Keystone Geometry

Modality: Traditional

Course Description:

The course will be a study in collecting and analyzing data. Learners will explore the methods and technology used in statistics. The learners will be preparing themselves for the AP exam by completing the topics in a college Statistics I course.

Learners must have a graphing calculator for this course. A TI-83 Plus or TI-84 is recommended.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Academic Calculus (# 7160, # 7160EOL) 

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Academic Pre-Calculus or Honors Pre-Calculus


Modality: Traditional or ELANCO^{Online}

Course Description:

Calculus begins with a concentrated review of functions and the Cartesian plane. The main topics in the course are limits and continuity, derivatives (slope of the tangent line and instantaneous velocity) and their applications, and integration (the inverse of derivatives) and their applications.

Learners must have a graphing calculator for this course. A TI-83 Plus or TI-84 is recommended.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

Honors Calculus (# 7160H, # 7160EOLH) 

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Academic Pre-Calculus or Honors Pre-Calculus


Modality: Traditional or ELANCO^{Online}

Course Description:

Calculus begins with a concentrated review of functions and the Cartesian plane. The main topics in the course are limits and continuity, derivatives (slope of the tangent line and instantaneous velocity) and their applications, and integration (the inverse of derivatives) and their applications.

Learners must have a graphing calculator for this course. A TI-83 Plus or TI-84 is recommended.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

AP Calculus AB (# 7525, # 7525EOL) 

2.00 Credits (Weighted)

Full Year – Daily

Offered Grades: 10 - 12

Prerequisites: Successful completion of Pre-Calculus Honors

Modality: Traditional or ELANCO^{Online}

Course Description:

The AP Calculus AB course is designed to be the equivalent of the Calculus course taken during the first year of college. Learners will gain an in-depth understanding of differential and integral calculus. Learners who opt to take the AP examination should be aware of the fees involved (see below). Admission is granted by application only.

Learners must have a graphing calculator for this course. A TI-83 Plus or TI-84 is recommended.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

AP Calculus BC (# 7535, # 7535EOL)

1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of AP Calculus AB (# 7525)

Modality: Traditional or ELANCOOnline

Course Description:

The AP Calculus BC course is designed to be the equivalent of a first-semester college Calculus course and the subsequent single-variable Calculus course. Learners will expand their understanding of differential and integral Calculus and series. Learners who opt to take the AP examination should be aware of the fees involved (see below).

Learners must have a graphing calculator for this course. A TI-83 Plus, TI-84, or TI-89 is recommended.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

College Algebra / Trigonometry (# 7190)

1.00 Credit Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Algebra 1 and Algebra 2.

Course Description:

This course is intended for learners going on to a technical/trade school who need to master such topics as trigonometry and the study of functions. This is not a sufficient prerequisite if you intend to take Calculus. A learner that successfully completes this course is eligible to take Academic Pre-Calculus.

Math 11 (# 7240)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12


Prerequisites: Successful completion of Keystone Geometry

Modality: Traditional or ELANCOOnline

Course Description:

This course is intended to prepare learners for real life applications of mathematics. It builds on concepts explored in Algebra and Geometry to see how math is applied to finances, spatial reasoning, and problem solving. This is not a sufficient prerequisite if you intend to take Calculus.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Keystone Geometry (# 7290, # 7290EOL, # 7295, # 7295EOL) 

1.00 Credit

Semester – Daily

Offered Grades: 10, 11

Prerequisites: Successful completion of Keystone Algebra

Modality: Traditional or ELANCOline

Course Description:


This course features a unified treatment of plane and solid geometry, the introduction of coordinate geometry, and a development of the relationship between Algebra and Geometry. The learners will develop a vocabulary of geometry terms and apply geometry concepts and formulas to all types of polygons and other geometric figures.

7290 / 7290EOL – Keystone Geometry

7295 / 7295EOL – Keystone Geometry Honors (Weighted)

7280 - Applied Geometry

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Pre-Calculus (# 7360, # 7360EOL, # 7370) 

1.00 Credit

Semester – Daily

Offered Grades: 10, 11, 12

Prerequisites: Successful completion of Keystone Algebra and Keystone Geometry - otherwise successful completion of Intermediate Algebra

Modality: Traditional or ELANCOline

Course Description:

Pre-Calculus uses Algebra and Geometry in a study of functions – polynomial, logarithmic, exponential and circular. The extensive treatment of the circular functions is a complete course in Analytic Trigonometry, which is needed for Calculus. Additional topics may include conics, statistics and probability.

7360 / 7360EOL – Academic Pre-Calculus

7370 / 7370EOL – Honors Pre-Calculus (Weighted)

A TI-83 Plus or TI-84 graphing calculator is recommended.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Probability & Statistics (# 7390, # 7390EOL) 

1.00 Credit

Semester – Daily

Offered Grades: 10, 11, 12

Prerequisites: Successful completion of Keystone Geometry

Modality: Traditional or ELANCO*Online*

Course Description:

This course is meant to be an introduction to the study of Probability and Statistics. Learners will explore concepts such as probability, collecting and analyzing data, sampling techniques, and making observations and inferences about sets of data. Learners will explore the methods and technology used in statistics.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.

PUBLICATIONS & MEDIA

KGSH / TV Production (# 9251, 9252)

1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: none

Modality: Traditional

Course Description:

Learners will learn television production through planning, preparing and broadcasting the KGSH morning show. All learners will experience both technical production and on-air aspects of video broadcasting. Digital video editing projects will be completed in addition to producing the morning announcements. Learners will gain experience-using software such as iMovie, Adobe Photoshop, Keynote, Adobe Premiere and Final Cut Pro. Learners will complete activities using video broadcasting hardware such as computers, cameras, lighting and other production equipment.

Learners may take this class more than one time for credit; however, additional responsibility is required for subsequent years. Because enrollment is limited, the instructor will review learners who request to retake KGSH class.

Spartanus - Fall | Spring (# 9300S1 & # 9300S2)

1.0 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: Application Required

Modality: Traditional

Course Description:

This general elective course offers capable and energetic learners the opportunity to produce the high school yearbook. The application and the refinement of skills learned in many academic areas will be employed in the areas of: design, layout, copy and headline writing, photography, word processing, fiscal responsibility, and record keeping. Learners will experience first-hand the importance of planning, establishing and maintaining guidelines. Additional time beyond the normal class period may be necessary in order to meet early press deadlines, especially at the start of the year.

Learners may take this class for more than one year; however, additional responsibility is required for subsequent years. Because enrollment is limited, learners must apply before enrolling in the course. Learners will be notified of their selection prior to course enrollment.

SCIENCE

Department Facilitator: Amanda Knight

Course Sequence:

Science	9	10	11	12
Honors	Biology Honors*	Chemistry Honors	Physics Honors and/or AP Physics	AP Elective
College Prep	Earth & Space Science	Biology*	Chemistry: College Prep & Physics: College Prep	Elective
Career Prep	Earth & Space Science	Keystone Biology A/B* Keystone Biology A/B Co-Taught*	General Chemistry & General Physics or Elective	None

* = Keystone Exam

- Recommended Electives: Honors → AP Biology; AP Chemistry; AP Physics; AP Environmental; Honors Organic Chemistry; Forensics;
- Recommended Electives: College Prep →; Forensics;; Honors Organic Chemistry; Environmental Science, Marine Science, Astronomy, Renewable Energy

Biotechnology (# 0850H, # 0850EOL)

1.00 Credit (Weighted / EOL - Non-Weighted)

Semester – Daily

Offered Grade: 11, 12

Prerequisite(s): Successful completion of Biology and Chemistry


Modality: Traditional (Weighted) or ELANCO^{Online}

Course Description:

Biotechnology is the study of how technology can assist in studying and manipulating living systems. Learners with an interest in scientific research, medicine and genetics will enjoy this course. Topics will include agricultural, medical, forensic and environmental applications of biotechnology. The emphasis is on medical technology and individualized medicine. Techniques will include, but are not limited to, genetic engineering, recombinant DNA technology, embryo transfer, gene therapy, genetic sequencing, Crispr technology and bioremediation. Learners will learn through discussion, collaboration, hands-on labs and activities (in traditional modality). In order to ensure success, a grade of C or better in both biology and chemistry are required.

NOTE - NCAA approval for traditional modality only.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Biology (# 1000A/B, 1000, 1000H, # 1000EOL, #1000EOL # 1000EOLH) 

1.00 Credit

Semester – Daily

Offered Grade: 9 (Honors), 10

Prerequisite(s): None

Modality: Traditional or ELANCOOnline

Course Description:

This introductory, inquiry-based biology course builds on the scientific foundations developed in the preceding core science courses. Learners will gain an understanding of the biological sciences that enable them to develop an appreciation of all life forms which make up the world of living things. In-depth study of the basic unit of living things include the biochemistry of cell structure and function, exploration of the role of DNA in controlling cell function, reproduction, differentiation, heredity, and evolution. Learners will be exposed to advanced technologies such as digital microscopy, DNA testing as well as modeling of molecular reaction and also traditional laboratory techniques and procedures.


1000A/B – Biology A/B (Full Year)

1000 - Biology

1000H – Biology Honors

Upon completion of this course, learners will be required to complete the Biology Keystone Exam.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

AP Biology (# 1000AP) 

2.00 Credits (Weighted)

Year long – Daily

Offered Grade: 12

Prerequisite(s): Successful completion of Chemistry and Biology


Modality: Traditional

Course Description:

The AP Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year of study. Motivated learners will learn in this challenging college-level course not only the scientific background required for a biology course but will also develop important study and time management skills necessary to become a confident and independent learner. This course is intended for those learners who are willing to work independently to succeed in this fast paced course.

The two main goals of AP Biology are to help learners develop a conceptual framework for modern biology and to help learners gain an appreciation of science as a process. AP Biology is strongly recommended for any learner intending to pursue a biology major in college or a medical-related career (pre-med). Units are determined by the College Board and include molecules and cells, genetics, biotechnology, evolution, populations, human physiology, and ecology. There are several laboratories designed by the AP biology committee for this course. Additional laboratories may be conducted if appropriate.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam

Forensics (# 1080) 

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisite(s): Successful completion of Chemistry and Biology

Modality: Traditional

Course Description:

Forensic science is a science elective course rich in exploration and lab investigation. This course applies multiple disciplines of scientific study including but not limited to biology, anatomy, chemistry, and physics with an emphasis in critical thinking and complex reasoning. With addition to the science disciplines, learners will incorporate the use of technology, communication skills, and mathematics. Learners enrolled in this course will study the interrelationships between all scientific areas, applying historical and current events within the community, country, and world in each class lesson and laboratory.

Chemistry (# 1200, # 1200Q, #1200QCP | #1200EOL, # 1200H, # 1200EOLH)

1.00 Credit (Honors)

Semester – Daily

0.50 Credit (Career and College Prep)

Quarter – Daily

Offered Grade: 10, 11

Prerequisite(s): Successful completion of Algebra

Modality: Traditional or ELANCO*Online*


Course Description:

This introductory, inquiry based chemistry course is designed to provide learners with a solid foundation of chemical principles that will allow learners to gain a deeper understanding of the nature of science. Learners will study the areas of atomic structure, chemical nomenclature, chemical reactions and stoichiometry, energy effects, density, molar conversions, and gas laws. Instruction is rigorous and based on frequent laboratory work and dialogue between learners and teacher.

1200Q – General Chemistry

1200H – Chemistry Honors

*Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.*

AP Chemistry (# 1252) 

2.00 Credit (Weighted)

Full-Year – Daily

Offered Grade: 11, 12

Prerequisite(s): Successful Completion of Chemistry and Algebra

Modality: Traditional

Course Description:

The Advanced Placement Chemistry course is designed to be the equivalent of the General Chemistry course usually taken during the first year in college. Learners will attain an in-depth understanding of foundations of chemistry and competency in dealing with chemical problem-solving. The study of AP Chemistry is strongly recommended to

highly motivated learners who plan on a future career in chemistry or medical-related fields (pre-med). Learners planning on taking this course should exhibit the strong study and time management skills necessary to succeed in this fast-paced course. The units covered in this course are determined by the College Board. Learners must have a scientific calculator for this course.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam

Honors Organic Chemistry (# 1280H)

1.00 Credit (Weighted)

Semester – Daily

Offered Grade: 11, 12

Prerequisite(s): Successful Completion of Biology and Chemistry

Modality: Traditional

Course Description:

Organic Chemistry is designed for those learners who are considering Careers in Science, Medicine, Health, and other health related fields. By the end of this course the learner will be prepared for entry level Organic Chemistry. During this course, we will learn about the many complex carbon-based reactions and how to classify them. We will also experience many chemical reactions in the lab. If you love labs and want to know more about reactions, this is the course for you.

Earth & Space Science (# 1460, # 1400EOL, # 1900, # 1400EOLH)

1.00 Credit

Semester – Daily

Offered Grade: 9

Prerequisite(s): None

Modality: Traditional or ELANCOline

Course Description:

This first-year science course will serve as a foundation for first-year learners to understand the nature of science and scientific thinking. Throughout this course, learners will be investigating all parts of the Earth's system, which includes four main systems: the atmosphere, the geosphere, the hydrosphere, and the biosphere, as we travel from the center of the Earth to the farthest regions of space. Our Earth is a constantly changing system. Its appearance can be altered in a matter of seconds or over the course of millions of years. Therefore, the study of Earth & Space Science involves much more than just the Earth itself.

These topics will be introduced to learners through hands-on activities and scientific questioning, as well as data collection and analysis to develop scientific models that will deepen understanding of science concepts. This course will prepare learners for the rigorous Science, Technology, Engineering, and Mathematics (STEM) curricula they will face in the future.

1460 – Academic Earth & Space Science

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Environmental Science (# 1500, # 1500EOL)

1.00 Credits

Semester – Daily

Offered Grade: 11, 12

Prerequisite: None

Modality: Traditional

Course Description:

This course provides an overview of man's dependence upon and interaction with our natural resources. Historical and futuristic perspectives of soil and water stewardship and land use will provide insight to the new challenges facing our environment. Special emphasis will address the new technologies being utilized to meet these challenges and the resultant career opportunities.

AP Environmental Science (# 1500AP) 

1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 11, 12

Prerequisite(s): Successful completion of Biology and Chemistry

Modality: Traditional

Course Description:

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course. This course will cover various environmental topics and include a lab component along with the studying of environmental issues from a sociological or political view versus a scientific view. This course will provide learners with the knowledge necessary to understand the interrelationships of the natural world, identify environmental problems and evaluate their risks and solutions.

Fee(s): AP Exam – Learners are responsible for ½ the cost of the AP Exam.

Renewable Energy (#NEW)

1.00 Credit

Semester – Daily

Offered Grade: 11, 12

Prerequisite: None

Modality: ELANCOOnline

Course Description:

The earth's population is growing rapidly, and we need to find new, innovative ways to ensure that we are able to provide for our global energy needs. Learners will look at the reasons why sustainability is important, take a balanced and evidence-based look at climate change, and learn new ways that we can harness renewable resources.

Completing SmarterMeasure is a requirement to register for courses in the ELANCOOnline modality.

Physics (# 1705Q | #1705QCP | #1760)



1.00 Credit (Honors)

Semester – Daily

0.50 Credit (Career and College Prep)

Quarter – Daily

Offered Grade: 10-12

Prerequisite(s): Successful Completion of Algebra

Modality: Traditional

Course Description:

This physics course is an extension of the previous science courses taught at the high school level. Learners will gain an introduction into the areas of physics such as scientific method, mechanics, forces and energy. Learners will design experiments relating everyday experiences to physical and scientific principles and concepts and discover the laws of physics that govern our world. This upper level science course will develop an important foundation for learners' understanding of the nature of science and scientific thinking. Learners will develop analytical and mathematical reasoning skills through Socratic dialogue, advanced, up-to-date technology integration and application of physics concepts during frequent laboratory investigations.

Physical Science (#NEW)

0.50 Credit

Quarter – Daily

Offered Grade: 10-12


Prerequisite(s): Successful completion of Algebra

Modality: ELANCOline

Course Description:

This is an introduction to the physical sciences and scientific methodology. The objectives are to impart a basic knowledge of the physical properties and chemistry of matter. Skills are developed in the classroom and reinforced through homework reading and interesting labs that relate to everyday life.

Completing SmarterMeasure is a requirement to register for courses in the ELANCOline modality.

AP Physics (# 1800) 

1.00 Credit (Weighted)

Semester – Daily

Offered Grade: 11, 12

Prerequisite(S): Successful completion or concurrent enrollment in Calculus or AP Calculus and Physics.

Modality: Traditional

Course Description:

The Advanced Placement Physics course is intended for learners with an interest in a career in engineering, science, or the medical field (pre-med). This course can lead to the opportunity to pursue and receive credit for college-level work by successfully taking the Advanced Placement Exam in Physics at the end of the course. The AP Physics course covers topics in mechanics determined by the College Board in the areas of Kinematics, Dynamics, Energy, Momentum, Rotational Motion and Periodic Motion. Learners in this course will develop analytical and mathematical reasoning skills through Socratic dialogue, advanced up-to-date technology integration and application of physics concepts during frequent laboratory investigations. Learners planning on taking this course should exhibit the strong study and time management skills necessary to succeed in this fast-paced course.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Astronomy (# 1610EOL)

1.00 Credit

Semester Course

Offered Grades: 10, 11, 12

Prerequisites: None
Modality: ELANCO*Online*

Course Description:

Ever wondered how the Earth developed and exists in the vastness of space? How do the scientific laws of motion and gravity play a role in its existence? Discover answers to these questions and explore the origin of the universe, the Milky Way, and other galaxies and stars, including the concepts of modern astronomy and the methods used by astronomers to learn more about the universe.

*Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.*

Marine Science (# 1560EOL)

1.00 Credit

Semester Course

Offered Grades: 10, 11, 12

Prerequisites: None

Modality: ELANCO*Online*

Course Description:

Have you ever wondered about the secrets of the deep and the creatures below the ocean's surface? It is truly a new frontier of discovery. Begin to better understand the aquatic cycles, structures, and processes that generate and sustain life in the sea. You'll use scientific inquiry, research, and problem-solving to conduct various scientific procedures and become a more capable marine scientist.

*Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.*

SOCIAL STUDIES

Department Facilitator: Ms. Christina Jirele

Course Sequence:

Social Studies	9	10	11	12
Honors	American Studies 9 H	AP World History World History 10H	AP US Government & Politics and AP Macroeconomics Comparative Government and Economics H	Elective
College Prep	American Studies 9	World History 10	Comparative Government and Economics	Elective
Career Prep	American Studies 9	World History 10	Comparative Government and Economics	Elective

American Studies 9 (# 4000, #4000EOL, # 4000H, # 4000EOLH)



1.00 Credit

Semester – Daily

Offered Grades: 9

Prerequisites: None

Modality: Traditional or ELANCO*Online*

Course Description:

This course examines the development of the United States through the lens of political thought, expansion, federal power, and global influence. Organized thematically and continuing chronologically from 8th grade, learners explore how ideas of governance, constitutional principles, and foreign policy have shaped the nation's growth from its founding to the present day. Key topics include early American political foundations, westward expansion, major conflicts, and the evolving role of the United States in international affairs.

Learners analyze how American ideals have been tested and applied in times of war, diplomacy, and domestic policy debates. Emphasis is placed on understanding the Constitution, the balance of power between state and federal governments, and the responsibilities of citizenship. Through historical inquiry

and primary sources, learners gain a deeper appreciation for the institutions and decisions that continue to influence American society and its role in the world.

4000 – American Studies 9
4000H – s American Studies 9 H

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

AP US History (# 4020, # 4020EOL)

1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Instructor Approval (AP World is strongly recommended)

Modality: Traditional or ELANCOline

Course Description:

AP U.S. History is an introductory college-level U.S. history course. Learners cultivate their understanding of U.S. history from discovery of the New World to the present through analyzing historical sources and learning to make connections and craft historical arguments. Learners will explore concepts like national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. This course will prepare the learners for intermediate and advanced college courses by making demands upon them equivalent to those of a full year introductory course. Participating colleges will grant college credit and appropriate placement or one of these to learners who score well on the AP U.S. History Exam

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Indigenous & Native American Studies (# 4030)



1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: None

Modality: Traditional

Course Description:

What were the first civilizations like in North America? How have indigenous populations resisted colonization? What role have Native Americans played in the shaping of the United States? How can we celebrate what we have in common while also honoring our differences? How do power and privilege shape the relationships people have with each other and with institutions?

The Indigenous and Native American Studies course will examine these questions as well as many others. The first part of this course takes a look at the first civilizations that existed in North America, including their history, origin, religious and cultural practices. The rest of the course will focus on the challenges faced by Indigenous peoples in North America since European colonization, how these groups have responded to and resisted colonialism

historically, and the ways in which Native American communities today are impacted by it. Learners who take this course can also expect to discover more about the history of Native American communities in and around Lancaster County, where and how Indigenous Americans live across the United States today and what the fight for Indigenous rights looks like in the 21st Century.

American Military History (# 4255)



1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: None

Modality: Traditional

Course Description:

This is a survey course of American engagement in military conflict. Beginning with the American Civil War and continuing through modern conflicts, common threads have immersed the US into periods of military involvement. The course will examine contributing issues and foreign policy decisions that led to war, tactics/strategies that have been used in battle, and the impact of conflicts on soldiers and citizens. Learners will examine the role that technology, morality, politics, religion and economics play in shaping military engagements.

Women's Studies (# 4025)



1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: None

Modality: Traditional

Course Description:

This Women's Studies course offers a comprehensive exploration of women's history, tracing the evolution of women's roles, rights, and representations from the classical era to the contemporary period. Through examining primary texts, historical documents, and visual artifacts, learners will investigate how women's social, political, and cultural contributions have shaped societies across time and place. Key topics will include women's experiences in ancient Greece and Rome, medieval Europe, the Renaissance, the Enlightenment, the rise of feminist movements, and the ongoing fight for equality in modern times. Through lectures, discussions, and independent research, learners will gain a deeper understanding of the significant role women have played in global history and the forces that have shaped women's lives today.

AP Psychology (# 4350, # 4350EOL)



1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: None

Modality: Traditional or ELANCO*Online*

Course Description:

Taught on a college level, AP Psychology will introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts,

principles, and phenomena associated with each of the major subfields within psychology: Perception and Consciousness, Thinking and Feeling, Development, Testing, Personality, and Abnormal/Social Psychology. Learners also learn about the ethics and methods psychologists use in their science and practice. Learners are encouraged to earn college credit and possible advancement by demonstrating their competence on the AP exams. The completion of a summer reading list and accompanying assignments may be required by the first day of school. Note: GSHS currently offers a combined Psychology/Sociology class.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Psychology / Sociology (# 4370, # 4370EOL)



1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: None

Modality: Traditional or ELANCOOnline

Course Description:

Why do I excel at art and not math? What is the best way for me to study for a test? What influences why we act the way we do? Why do American youth look for acceptance from their peers? What would happen to a person if wolves raised him or her? The combined psychology and sociology course is designed to answer these and many other questions. The psychology portion will introduce learners to concepts of intelligence, learning, consciousness, perception and abnormal psychology. The sociology portion of class will focus on a number of exciting issues facing society today, such as culture, social structure, families and social wrongs. The purpose of this class is to give learners a broad base in these areas and stimulate an interest in learners to continue an individualized study of a variety of human behaviors.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

World Religions (# 4400, # 4400EOL)



1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: Successful completion of World History

Modality: Traditional or ELANCOOnline

Course Description:

What is religion? What purposes does religion serve? Throughout history, religion has played an important role in shaping the ways that humans understand the world around them and in the organization of different societies. Together, we'll examine what religion is and its role in the world. We will also consider different definitions, some common aspects that can be seen in various religions and some of the explanations offered to explain the development of religion. Learners will study Judaism, Christianity, Islam, Hinduism, and Buddhism, and learn to apply comparative frameworks to other belief systems.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Contemporary Global Issues (# 4430)



1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: None

Modality: Traditional

Course Description:

Where does terrorism come from? Why are so many products in my home made in China? Why is genocide still happening today? Contemporary Global Issues will provide learners with opportunities to interact with these questions and other worldwide issues through a variety of experiences. Our world is increasingly connected through communication, technology, trade, conflicts, and immigration. This course will help learners examine the historical nature and current realities of issues that directly or indirectly affect our lives. The nature of the course will include the following formats:

1. Research, debates and discussions on current global issues such as Human Rights, Trade, Immigration, Terrorism, Illegal Drug Traffic and Poverty
2. United Nation simulations that include differing points of view from participating countries
3. Examination of media, government, and non-governmental groups and their influence in shaping issues and responses
4. Formation of possible solutions or responses to complex issues

World History 10 (# 4500, # 4500EOL, # 4500H, # 4500EOLH)



1.00 Credit

Semester – Daily

Offered Grades: 10

Prerequisites: None

Modality: Traditional or ELANCO*Online*

Course Description:

World History offers a comprehensive study of global history from the lens of critical inquiry—asking not just *what happened*, but *why it happened*, *who it impacted*, and *what it means today*. Spanning from the late Middle Ages to the modern era, learners will engage with essential questions about leadership, innovation, conflict, justice, and the struggle between equality and hierarchy. Throughout the course, learners will examine primary and secondary sources, interpret various perspectives, and evaluate the causes and consequences of major historical processes. Learners will be challenged to think historically as they navigate five course themes—identifying patterns, identifying continuities and changes over time, assessing credibility, making evidence-based arguments, and connecting the past to the present. By using the past as a laboratory for understanding power, progress, and human agency, learners will develop the skills to navigate today’s world with deeper understanding, intellectual curiosity, and a critical eye.

AP World History (# 4450) can be taken as an alternative to World History 10, which is required of all 10th grade learners.

*Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.*

AP World History – Modern (# 4455, # 4450EOL)



2.00 Credit (Weighted)

Full Year – Daily

Offered Grades: 10-12

Prerequisites: None

Modality: Traditional or ELANCO*Online*

Course Description:

In AP World History: Modern, learners investigate significant global events, individuals, developments, and processes from 1200 to the present. Learners develop and use the same skills, practices, and methods employed by historians to promote critical thinking. The course provides six themes that learners explore throughout the course in order to make historical connections in different times and places. AP World History: Modern is designed to be the equivalent of an introductory college or university survey course of modern world history. There is no prerequisite for this course. Any motivated learner who is committed to grow as a critical learner and thinker, and who has an interest in other cultures and how the current state of world affairs has materialized, may take this Advanced Placement course.

AP World History can be taken as an alternative to World History 10 (# 4500 or # 4500H), which is required of all 10th grade learners.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.

Comparative Government and Economics (# 4610, # 4610EOL, # 4610H)



1.00 Credit

Semester – Daily

Offered Grades: 11

Prerequisites: None

Modality: Traditional or ELANCO*Online*

Course Description:

In this semester-long Comparative Government and Economics course, learners explore how systems of power and production attempt to balance individual liberties with the common good. Anchored by the driving question—*How do different governments and economic systems try to balance individual freedoms with the needs of society?*—each unit challenges learners to evaluate the structures, principles, and outcomes of political and economic systems both in the U.S. and globally. The course begins with an in-depth analysis of the U.S. Constitution and its foundational ideals, culminating in a mock Constitutional Commission where learners debate potential reforms. In the second unit, learners examine American political institutions, exploring how the branches of government, interest groups, elections, and media shape policy and public life. The third unit broadens the lens to compare global political systems, asking how governments distribute power and reflect societal values. In Unit 4, learners investigate the U.S. economy, applying concepts like opportunity cost, supply and demand, and government intervention to design recovery plans for struggling communities. The final unit explores global economic systems, as learners analyze how different models—such as capitalism, socialism, and mixed economies—address

challenges like inequality, inflation, and sustainability. Throughout the course, learners engage in project-based learning that fosters civic reasoning, economic literacy, and an understanding of how societies seek to strike a balance between individual rights and collective needs.

4610 – Comparative Government and Economics

4610H – Honors Comparative Government and Economics (Traditional modality only)

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

AP US Government & Politics (# 4625, # 4625EOL)



1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: World History 10 Honors or AP World History

Modality: Traditional or ELANCOline

Course Description:

The Advanced Placement (AP) US Government & Politics course is designed to give learners an analytical perspective on government and politics in the United States through project-based learning. This course includes both the study of general concepts used to interpret US government and politics and the analysis of specific concepts. It also requires some familiarity with the various institutions, groups, beliefs and ideas that constitute the US government and politics.

AP US Government & Politics can be taken as an alternative to Comparative Government and Economics (# 4610 or # 4610H), which is required of all 11th grade learners. It can also be taken during 12th grade. Learners who take AP U.S. Government and Politics as a replacement for the required 11th grade Comparative Government and Economics course must also take AP Macroeconomics.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

AP Macroeconomics (#NEW- Pending Board Approval)



1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: World History 10 Honors or AP World History

Modality: Traditional

Course Description:

The Advanced Placement (AP) Macroeconomics course is designed to be an introduction to the function of economies and economic theories. Have you ever wondered why the national debt is so large or why interest rates are considered to be so important? You'll explore the answers to these questions as you learn how the economy works as a whole in AP Macroeconomics. As part of your studies, you'll define economic principles and models, use graphs, charts, and data to analyze, describe, and explain economic concepts, and use economic models to predict economic outcomes.

Learners who take AP U.S. Government and Politics as a replacement for the required 11th grade Comparative Government and Economics course must also take AP Macroeconomics. AP Macroeconomics can also be taken as a standalone elective course.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

World Geography (# 4050EOL)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: None

Modality: ELANCOOnline

Course Description:

This course explores the world's geographical divisions and the differences between Earth and the other planets in the solar system. In addition to Earth's geographical divide, the course explores how the cultural divide between countries impacts international relations. Through the study of geography, learners analyze energy usage and explore ways to make the most of the planet without abusing its resources. The study of world geography through historical, cultural, physical, and economic lenses offers learners a different perspective and understanding of the world

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Human Geography (# 4055EOL)

1.00 Credit

Semester Course

Offered Grades: 11, 12

Prerequisites: None

Modality: ELANCOOnline

Course Description:

Modern humans have been roaming the Earth for about 200,000 years. How do the places we live influence the way we live? How do geography, weather, and location relate to our customs, beliefs, and lifestyles? Learn how diverse people have physically influenced the world around them and how they, in turn, are changed by their surroundings. Let's explore the important relationship between humans and their environments.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

AP Art History (# 5700)

1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: None

Modality: Traditional

Course Description:

The AP Art History course welcomes learners into the global art world as active participants, engaging with its forms and content as they analyze, discuss, create and write about art, artists, art making, and responses to and interpretations of art. Architecture, 2-dimensional art, sculpture, and mixed media will be explored from prehistory to the present. Engaging in art history can be a mirror to see ourselves in different ways, while fostering a mindset

that opens up the imagination through the exploration of art in its historic and cultural contexts. By investigating specific works of art characterized by diverse artistic traditions, learners develop in-depth, holistic understanding of the history of art from a global perspective. There is no prerequisite for this course. Any motivated learner that has an interest in art, history, and global culture may take this Advanced Placement course.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Anthropology (# 4390EOL)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: None

Modality: ELANCOOnline

Course Description:

What makes us human? Is it our ability to use language? Is it our abstract thinking skills or our use of tools and technology? In Anthropology, you will trace the history of homosapiens and explore our evolutionary trail. This course offers an anthropological lens to observe our movement from cave dweller to modern human. It sheds light on how we forged our way and developed all of the things that make us human, such as our cultures, languages, and religions. We, as humans in the 21st century, are highly intelligent, innovative people with astounding technological ability – how did we get this way?

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Criminology (# 4230EOL)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: None

Modality: ELANCOOnline

Course Description:

Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. The mental state of a criminal can be affected by many different aspects of life: psychological, biological, sociological, all of which have different perspectives and influences. Investigate not only how these variables affect the criminal mind but also how crimes are investigated and handled in the criminal justice system.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Law & Order (# 4235EOL)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: None

Modality: ELANCOOnline

Course Description:

Imagine if there were no laws and people could do anything they wanted. It's safe to say the world would be a pretty chaotic place! Every society needs some form of regulation to ensure peace in our daily lives and in the broader

areas of business, family disputes, traffic violations, and the protection of children. Laws are essential to preserving our way of life and must be established and upheld in everyone's best interest. In Law and Order: Introduction to Legal Studies, you'll delve deeper into the importance of laws and consider how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, you will learn to appreciate the larger legal process and how it safeguards us all.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

SPECIAL SERVICES

Department Facilitator: Ms. Stephanie Bowers

Academic Support (# 9110)

1.00 credit

Semester – Daily

Offered Grades: 9-12

Prerequisites: IEP Team recommendation only

Modality: Traditional

Course Description:

The Academic Support Course is designed to support learners' success in their required academic courses. Learners who need additional academic support in core subjects will be provided with subject-specific learning strategies and exposure to grade-level eligible content with adaptations, per each learner's Individualized Education Program (IEP). During the class period learners will engage in instruction to learn effective study skills and habits, note taking, organizational strategies, test taking strategies, and time management strategies. The learners will have the opportunity to apply these taught skills using their current course work. Learners will be given the opportunity to receive one-to-one support, small group instruction and/or computer-based instruction, focusing on specific learning behaviors to support successful participation in their general education courses.

Foundations of Literacy (#3011)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites: None

Modality: Traditional

Course Description:

Learners with disabilities who require specially designed instruction in reading and/or written expression, may meet the criteria for this course as determined by his/her IEP team. Learners are provided instruction in reading decoding, reading comprehension, reading fluency and written expression based on identified needs per the IEP. In this class, each learner will work towards his/her individualized IEP goals. Instruction will be in small groups, based on learner need. Learners will also have exposure to grade-level eligible content, with modifications per his/her IEP.

Foundations of Math (#7011)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites: None

Modality: Traditional

Course Description:

The Foundations of Mathematics course will provide learners with specially designed instruction, targeting individual needs including: basic skills in math computation, math calculations, solving real world problems, measurement skills, and basic algebra skills. Learners will receive small group instruction, and computer-based instruction focusing on specific skills as identified needs per the IEP. Learners will also have exposure to grade-level eligible content, with

modifications per his/her IEP.

Functional Academics (#9731)

1.00 Credit / Per Block

Semester – Daily

Offered Grades: 9-12

Prerequisites: IEP Teacher recommendation only

Modality: Traditional

Course Description:

This course is designed to teach functional basic Reading, Writing, and Math skills based on identified needs per the IEP.

Functional Communication (#9732)

1.00 Credit / Per Block

Semester – Daily

Offered Grades: 9-12

Prerequisites: IEP Team recommendation only

Modality: Traditional

Course Description:

This course is designed to develop communication skills in a small group setting based on a learner's needs as identified in his/her IEP.

Functional Daily Living Skills (#9734)

1.00 Credit / Semester

Semester – Daily

Offered Grades: 9-12

Prerequisites: IEP Team recommendation only

Modality: Traditional

Course Description:

This course is designed to develop skills related to independent living. The primary emphasis of this course may include meal planning, purchasing and preparation, cleaning, laundry and other functional independent living skills.

Functional Vocational Skills (#9735)

1.00 Credit / Semester

Semester – Daily

Offered Grades: 9-12

Prerequisites: IEP Team recommendation only

Modality: Traditional

Course Description:

This course is designed to develop occupational skills. The primary emphasis is on developing independent work habits to increase employability.

Specialized Art (# 9595)

Credit Varies

Semester - Daily

Offered Grades: 9-12

Prerequisites: IEP Team recommendation only

Modality: Traditional

Course Description:

This course is designed to promote an appreciation for art. The primary emphasis of this course is on developing skills for leisure time activities and to promote life-long enjoyment of the arts.

Specialized Communications (# 9749)

Credit Varies

Semester – Daily

Offered Grades: 9-12

Prerequisites: IEP Team recommendation only

Modality: Traditional

Course Description: This course is designed to promote an appreciation for library sciences. The primary emphasis of this course is on developing skills for leisure time activities and to promote life-long enjoyment of reading.

Specialized Music (#9590)

Credit Varies

Semester - Daily

Offered Grades: 9-12

Prerequisites: IEP Team recommendation only

Course Description:

This course is designed to promote an appreciation for music. The primary emphasis of this course is on developing skills for leisure time activities and to promote life-long enjoyment of the arts.

Specialized Physical Education (#9748)

Credit Varies

Semester - Daily Offered

Grades: 9-12\

Prerequisites: IEP Team recommendation only

Course Description:

This course is designed to promote an appreciation for physical education. The primary emphasis of this course is on developing skills for leisure time activities and to promote life-long enjoyment of wellness.

Specialized Transition (#9898)

1.00 Credit

Semester - Daily

Offered Grades: 9-12

Prerequisites: IEP Team recommendation only

Course Description: This course helps learners prepare for life after high school by building essential social, workplace, and independent living skills. Learners engage in lessons and hands-on activities focused on job readiness, such as resume writing, interviews, workplace communication, teamwork, and professional responsibility, as well as financial literacy, including budgeting, banking, and understanding credit and taxes. The course also emphasizes personal growth through self-advocacy, time management, problem-solving, conflict resolution, and setting personal boundaries. Instruction includes direct teaching, role-playing, team projects, and real-world practice in school and community settings, giving learners the skills and confidence needed to succeed in employment, further education, and adult life.

TECHNICAL EDUCATION

Department Facilitator: Mr. Joseph Steinmacher

System Control & Applied Technology (# 2500)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites: None

Modality: Traditional

Course Description:

This course will provide learners with the opportunities to develop hands-on, problem-solving skills through the use of several current technologies. The course will begin with a brief introduction to developing an understanding of basic electrical and electronic concepts. It will then move on to the utilization of complex electronic technology. The class will include the following units: Radio-controlled devices and Robotics Global Positioning Systems (GPS).

The activities in this class will utilize the practical application of math and science concepts. Some of the activities will be acquired from the TSA (Technology Student Association) competitive events guide. During the final culminating activity for this class, learners will work as part of a team to demonstrate knowledge of mechanical and energy systems by designing, fabricating, and controlling a radio-controlled vehicle that collects and distributes a load during a five-minute demonstration. Evaluation will be based on performance, vehicle craftsmanship, and documentation of design efforts.

Engineering & Problem Solving (# 2600)

1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: Successful completion of Woodworking or Computer Aided Design and Prototyping

Modality: Traditional

Course Description:

This course is designed to expose learners to various Engineering and Problem Solving activities. This is a hands-on, activity-based course in which learners will be engaged in applying the practices of various engineering fields. Learners will be challenged to complete a rigorous, multi-disciplinary engineering project over the course of the semester. The purpose is to push learners' skills in design, planning, and problem-solving. They will integrate knowledge from CADD, woodworking, electronics, and other technical disciplines to create a functional, high-quality final product.

Graphic Communications (# 2680)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites: None

Modality: Traditional

Course Description:

In this course, learners will gain experience using the computer, tools, machines, materials and processes in the Graphic Communications Laboratory. Learners will gain an understanding of the aesthetics of design as it relates to graphic and electronic production. Some of the areas covered in this course are desktop publishing, website design, digital video editing, screen-printing, and advertising design. Through this course, learners will be exposed to industry standard software including Adobe Illustrator, Adobe In-Design, Adobe Photoshop, Adobe Dreamweaver, as well as other software as needed.

Graphic Communications 2 (# 2690)

1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: Successful completion of Graphic Communications (# 2680)

Modality: Traditional

Course Description:

Builds on the graphic communications course and takes learners into more advanced digital techniques. Learners will learn advanced skills in design and desktop publishing with specific focus on commercial graphics.

Promotional designs will be designed and exported using our new Roland VersaCAMM Vinyl cutter/printer. From decals, to banners, to t-shirt designs using this professional quality piece of hardware that utilizes their previous design skills learned from this class as well as the basic graphic communications class and Adobe Illustrator and Photoshop mastery. Learners will also experience automation and mass production using our professional/industrial automated screen-printing press.

Advanced website design using Adobe Dreamweaver. Learners will create dynamic multi page websites that contain animation and other multimedia data.

Learners will have the opportunity to learn how graphic design applications apply to advanced manufacturing technologies, such as CNC routers and laser cutters.

Computer Aided Design & Prototyping (# 2720)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites: None

Modality: Traditional

Course Description:

This course is designed for learners interested in engineering, architecture, and other technical careers. The problem-solving model will be used to design, draw, and build solutions to stated problems. Learners will work both individually as well as in small teams to analyze design challenges and develop solutions. This course will include experiences in technical sketching, technical drawing, and Computer Aided Drawing (CAD) utilizing Auto CAD software and the Autodesk Design Suite.

Digital Photography (# 2785, # 2785EOL)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites: None

Modality: Traditional

Course Description:

This course will provide learners with the opportunities to develop hands-on, problem-solving skills in the area of digital photography. This course will explore the various types of digital cameras and their features. By utilizing various hands-on activities, the learners will learn how to compose quality photographs along with manipulating images using Adobe Photoshop and Adobe Lightroom. This course will help learners to develop technical skills as well as a creative eye. Learners will also learn how to print and mount photographs, while creating quality images through computer enhancement.

Note: Learners should have access to a digital camera to do assignments outside of class. The camera should be able to shoot in manual, shutter priority, and aperture priority modes. If learners do not have a digital camera, but they want to take the class, they can borrow a camera from the class selection.

Digital Photography II (# 2795, # 2795EOL)

1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: Successful completion of Digital Photography I (# 2785)

Modality: Traditional or ELANCOline

Course Description:

The learner will gain further understanding of a digital camera. Learners will gain hands-on experience in the techniques of digital photography, along with computer manipulation with the use of Adobe Photoshop and Adobe Lightroom. Learners will be building off prior concepts taught in Digital Photography I. Furthermore, they will be expanding their knowledge of concepts not taught in the first level Photography course. Learners will go on multiple field trips to gain real-life experiences, create canvas wraps, custom mount panoramas, glass etched photos, gain experience flying drones, and much more. A DSLR camera is recommended, but not required, for this class.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Woodworking (# 2910)

1.00 Credit

Semester – Daily

Offered Grades: 10, 11, 12

Prerequisites: None

Modality: Traditional

Course Description:

This is an introductory course that is designed to develop fundamental Woodworking skills. Learners will meet this objective by completing an heirloom quality nightstand that has flat-panel doors and a dovetailed drawer. The following areas of woodworking will be covered: measurement, safety, hand tool use, power machine operation, glued panel fabrication, face-frame construction, raised-panel door assembly, drawer construction, assembly, and finishing techniques.

Fee(s): Materials → Learners are responsible for the cost of any materials greater than \$90.

Wood Seminar (# 2911)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Woodworking (# 2910)

Modality: Traditional

Course Description:

This is a second level course that is designed to expand on the skills that were acquired in the introductory Woodworking class. Learners will be required to research, design and plan their individual furniture project. This will include scale drawings and sequence sheets. The project shall include the following: panel fabrication, face-frame construction, drawer construction, raised-panel door assembly and finishing techniques. During this class learners have also built skin-on-frame kayaks.

Fee(s): *Materials* → *Learners are responsible for the cost of any materials greater than \$90.*

STEM 9 (# 9200)

0.50 Credit

Quarterly / Every Day

Offered Grades: 9 [**Required**]

Prerequisites: None

Modality: Traditional

Course Description:

The STEM 9 course will focus on the application of engineering, science, math, and technology skills to solve complex, open-ended problems in a real-world context. Learners will focus on the process of defining and solving a problem both individually as well as in small teams. Real-world problems will be posed, and learners will have the opportunity to formulate a solution, design their product using 3-D software such as Sketchup Pro, and finally test their ideas and make revisions to their designs. Learners will possibly use Lego Mindstorm kits to test their ideas and in doing this learn about programming, calculating forces/mechanical advantages, and applying math concepts.

Technology Education Course Selection and Career Guide

In addition to taking required courses for graduation, learners planning to pursue a career in various technical fields should take as many of the courses listed below that career. Guidance counselors or members of the Applied Technology department should be consulted about additional occupations or careers not listed.

Recommended Courses for College or Career Readiness:

Commercial Art and Related Fields

Computer Aided Design and Prototyping
Graphic Communications
Graphic Communications II
Digital Photography
Digital Photography II
Spartanus

Engineering – Mechanical

Computer Aided Design and Prototyping

Design Engineering
Engineering and Problem Solving
System Control & Applied Technology
Wood Technology

Electrical/Computer Engineering, Electronics Technician

Design Engineering
Engineering and Problem Solving
System Control & Applied Technology
Computer Programming
Intermediate Programming

Architecture, Interior Design, Landscaping

Computer Aided Design and Prototyping
Wood Technology

Journalism, Communications, Broadcasting

Graphic Communications
Graphic Communications II
Digital Photography
Digital Photography II
Spartanus
KGSB/TV Production – Fall
KGSB/TV Production – Spring
Journalism

Photography

Digital Photography
Digital Photography II
Spartanus
Graphic Communications
Graphic Communications II

Aviation, Navigation and Space Related Careers

Design Engineering
Engineering and Problem Solving
System Control & Applied Technology

Industrial Technician/Maintenance

Engineering and Problem Solving,
System Control & Applied Technology

Drafting & Technical Illustrator

Design Engineering
Computer Aided Design and Prototyping

Business Bound Learners

Graphic Communications

Graphic Communications II
Digital Photography
Digital Photography II
Spartanus

Recommended Courses for senior-bound Career & Technology Center Learners:

Diesel/Auto Mechanics, Small Engine/Recreational Vehicle Repair

System Control & Applied Technology
Engineering and Problem Solving
Design Engineering

Electronics, Electrical Occupations, Industrial Automation, Appliance Repair

System Control & Applied Technology
Engineering Problem Solving
Design Engineering

Carpentry, Maintenance, Millwork, Cabinetry, Painting/Decorating, Masonry

Wood Technology
Wood Seminar

Light Metal Fabrication, Machine Shop, Welding, Environmental Systems

Wood Technology
Wood Seminar
Engineering and Problem Solving

Graphic Arts / Commercial Art

Graphic Communications
Graphic Communications II
Digital Photography
Digital Photography II

Drafting/Engineering Applications

Computer Aided Design and Prototyping

WORLD LANGUAGES

Department Facilitator: Ms. Liliana Vega

*Note - Any learner starting a World Language course in an online modality must remain in the online modality for alignment and continuity purposes.

German 1 (# 3810)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites:

Modality: Traditional

Course Description:

Learners learn to understand, speak, read, and write German on a beginning level. Vocabulary is practical for everyday use. Topics covered include personal information, greetings, describing friends, family life, school life, favorite activities, shopping, and sports and hobbies. Classroom communications in German at the level of learners' ability is required.

German 2 (# 3820)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites: Successful completion of German 1

Modality: Traditional

Course Description:

Learners enlarge vocabulary begun in German I, including clothing, music, movies, free-time activities, asking for and giving directions, and teenage life in German speaking countries. The past and future tenses are introduced. German is used in instruction and is required for learners at their level of ability. In addition, learners' knowledge of the history, geography and culture of Germany, Austria, and Switzerland is increased.

German 3 (# 3830)

1.00 Credit

Semester – Daily

Offered Grades: 10-12

Prerequisites: Successful completion of German 2

Modality: Traditional

Course Description:

Learners learn to understand, speak, read, and write German at an intermediate level. Learners describe events, give opinions, relate facts, ask questions, and write original compositions utilizing current German idioms, cognates, and vocabulary appropriate to the topics. Familiarity with German culture increases. Authentic German literature is introduced. Oral and written communication is in German.

German 4 (# 3840)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of German 3

Modality: Traditional

Course Description:

Learners will be immersed in the German language to improve their comprehension and communicative skills. Learners are given varied opportunities to gain confidence in reading, writing, speaking, and listening using various authentic resources including German literature, news, videos, and websites. Learners will study advanced grammar concepts. Participation in both individual and group presentations in German are required.

Communication in this course is expected to be in German. This course offering is dependent upon enrollment.

Spanish 1 (# 3910, # 3910EOL)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites:

Modality: Traditional or ELANCO^{Online}

Course Description:

Learners learn to understand, speak, read, and write Spanish on a beginning level. Vocabulary is practical for everyday use. Topics covered include personal information, greetings, describing friends & family, school, favorite activities, and sports & hobbies. Participation in individual and group presentations is required. Classroom communication in Spanish within the competency range of the learner is required.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

Spanish 2 (# 3920, # 3920EOL)

1.00 Credit

Semester – Daily

Offered Grades: 9-12

Prerequisites: Successful completion of Spanish 1

Modality: Traditional or ELANCO^{Online}

Course Description:

Learners enlarge vocabulary learned in Spanish I, including foods, travel, shopping, etc. Past and future tenses are introduced. Participation in individual and group presentations is required. Classroom communication within the competency range of the learner is required.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

Spanish 3 (# 3930, # 3930EOL)

1.00 Credit

Semester – Daily

Offered Grades: 10, 11, 12

Prerequisites: Successful completion of Spanish 2

Modality: Traditional or ELANCO^{Online}

Course Description:

Learners learn to understand, speak, read, and write Spanish at an intermediate level. Grammar moves to more complex forms. Topics include vacations, family, celebrations, television, holidays, health and fitness. Participation in individual and group presentations is required. Classroom communication in Spanish within the competency range of the learner is required.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

Spanish 4 (# 3940, # 3940EOL)

1.00 Credit

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Spanish 3

Modality: Traditional or ELANCO^{Online}

Course Description:

Learners continue to improve their listening, speaking, reading and writing skills in preparation for AP Spanish or collegiate study of the Spanish language. All basic and most advanced grammar will be covered in this course. Some literature selections and authentic materials will be used to enhance communication skills and cultural understanding.

All communication is in Spanish.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

AP Spanish (# 3960, # 3960EOL)

1.00 Credit (Weighted)

Semester – Daily

Offered Grades: 11, 12

Prerequisites: Successful completion of Spanish 4 and approval of instructor

Modality: Traditional or ELANCO^{Online}

Course Description:

Learners continue to perfect their listening, speaking, reading and writing skills in preparation for the AP exam or collegiate study of the Spanish language. All advanced grammatical concepts will be reviewed, and learners will receive in-depth AP exam practice. Some literature selections and authentic materials will be used to enhance communication skills and cultural understanding. All communication is in Spanish.

This course offering is dependent upon enrollment.

Fee(s): Exam → Learners are responsible for ½ the cost of the AP Exam.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO^{Online} modality.

Career Ready Programs

Program Description:

Industry certifications help learners prepare for careers in high-demand and high-wage occupations, such as IT, Healthcare and Business.

The eDL Career Ready Program™ puts learners on a clearly defined, national-standard aligned path to explore career options and acquire the technical knowledge and skills to work towards industry-recognized certification and high-demand careers. The program offers high school learners sequenced learning tracks aligned to national and examination standards. These tracks put learners on a path to obtain industry certifications and to secure employment in high-paying, high-demand jobs.

The extensive depth of courses meet state standards and goals for CTE. The sequenced course programs cover all topics in national certification exams. Ultimately, the programs set learners on a course to obtain relevant industry-standard certifications. The courses are sequenced into three levels of focus and specification:

Level 1 - Career Explorations

- Learners explore careers through introductory courses.

Level 2 - Career Launcher

- Learners select a program of study, which can consist of four to eight concentrator courses

Level 3 - Career Concentrator

- Learners select concentrator courses and then can take industry-endorsed certification exams

Information Technology Career Ready Programs			
Level 1 Career Explorer	Level 2 Career Launcher	Level 3 Career Concentrator	Certification
Principles of Information Technology	Network Security Fundamentals	Operational Cybersecurity	CyberSecurity Specialist
	Introduction to Networking	Advanced Networking	Network Systems Specialist
		Computer Maintenance	
	Introduction to Programming 1	Programming 2	Computer Programmer / Software Developer
Programming 3			
Foundations of Game Design 1		Game Design 2	Game & Animation Designer / Programmer

Principles of Information Technology (# 2825EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: None.

Modality: ELANCO*Online*

Course Description:

Develop your learners' understanding and proficiency of computers! Learners will learn about computer hardware, Von Neumann architecture, peripherals, and maintenance as well as data management and storage options. Learners will trace the history of operating systems and application software while also exploring network systems, administration, and troubleshooting. Learners will dive into word processing, spreadsheets, and databases to cement their knowledge of information technology! You will gain further knowledge with an overview of programming, algorithms, and compilers. Learners will then learn the basics of webpage design and creating graphics. You will also explore security and cybercrime, emerging technologies, presentation software, and intellectual property laws. Finally, you will prepare for the future by discovering various careers in this field and planning your education!

*Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.*

Network Security Fundamentals (# 2830EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Principles of Information Technology

Modality: ELANCO*Online*

Course Description:

Have you seen news headlines about cyber data breaches or hacks? With so many businesses working hard to ensure that their data and their customers' information stay safe and secure, it's no wonder that careers in cybersecurity are in high demand. Learn what information security is, hackers, viruses, spyware, network systems, identifying potential vulnerabilities, protecting against attacks, and creating a disaster and response plan if breaches do occur. Could you be the security specialist that stops the next cyberattack? As the world becomes increasingly more interconnected by technology, computer and mobile-based crimes are becoming more prevalent. Explore cyber forensics, encryption, cryptography and cryptology, user and password management to mitigate large data breaches, and other threats, vulnerabilities, and security issues. Discover what it takes to enter this high-demand career field. As a cybersecurity specialist, you'll never get bored with trying to keep individuals and organizations safe!

*Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.*

Operational Cybersecurity (# 2835EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Network Security Fundamentals

Modality: ELANCO*Online*

Course Description:

Even when we use the strongest bricks, Firewalls can be breached and other security measures can be exploited by malicious cyberattackers. In this course, you will assume your role as Chief Information Security Officer (CISO) responsible for a data network's design, maintenance, and end-user training. You will explore the essentials of keeping networks safe and secure through the use of cryptology, keys, and certificates before moving into the important practice of risk assessment. In the end, your attention will shift to mitigating and managing identified risks and working with key stakeholders to improve the organization's security posture and disaster response. Are you ready to help businesses protect personal information and outsmart cyber attackers? Grab your white hat, BYOD, and let's get started! More and more, companies are under attack by malicious cyber attackers compromising the security of sensitive employee, customer, and societal data. In this course, you will dive into data security in the workplace and will learn ways to mitigate cyber threats that lurk in dark corners. You will step into the familiar shoes of CISO, this time at a startup company, making decisions about access and authentication protocols, security planning, and expanding the business in a safe way. Lastly, you will explore real-world security breaches, how they were solved, and step-by-step instructions to setup robust security policies. Let's continue forging your cybersecurity stronghold against cyber attackers and keep sensitive data secure.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Introduction to Networking (# 2840EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Principles of Information Technology

Modality: ELANCOline

Course Description:

Network administrators are responsible for the oversight of an organization's computer network. This includes installing hardware and software but also relies on considerable technical skills to resolve network issues. Discover how to set up a network, troubleshoot problems, monitor network security, infrastructure, performance, and contribute to creating policies and procedures. As a network admin, you'll help keep businesses safe and running correctly. What would happen if we didn't have the internet? The internet is one example of a network, so you can only imagine why networking careers are essential. Start exploring the fundamentals of networking, learning about the different parts of a computer and hardware, network operating systems, and understanding how common network devices can be connected. You'll get hands-on to explore different types of cables used to create networks – and even make cables in Wired Networking activities. Get started with your introduction to networking!

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Advanced Networking (# 2843EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Introduction to Networking

Modality: ELANCOline

Course Description:

The world has never been more connected than it is today and through advancing network technologies, tomorrow will be even more tightly united. In this course, you will learn about a variety of different networks, their layers, and the different needs they address. You'll uncover best practices for setting up secure remote access connections,

techniques to troubleshoot and think strategically, and correct documentation. Lastly, you'll learn tips to successfully communicate in the workplace. Get ready to support tomorrow's connectedness today!

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Foundations of Game Design (# 2850 EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Principles of Information Technology

Modality: ELANCOline

Course Description:

Does your love of video games motivate you to pursue a career in this field? Pursue your passion by learning about the principles of game design through the stages of development, iterative process, critiques, and game development tools. Put these new skills to work by designing your own game! Use your creativity to develop a game from start to finish! Develop your game creation skills and practice with the tools professionals use to launch your career options in the field of game design. The content of this course also applies to certification exams!

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Game Design 2 (# 2851EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Foundations of Game Design

Modality: ELANCOline

Course Description:

Are you ready to enter this multi-billion-dollar industry and start applying your technical skills into a compelling package that will catch the eye of an employer? Beginning with conceptualization and the design process, you'll develop your game's story elements, narrative, plot, characters, and assets. Using game design software, you'll bring your game to life by applying lighting, audio, visual effects, player choice options, AI, and consider the type of controls to use for your game. Build a world players can get immersed in. You'll take your runner game to new heights and enter the land of fire and ice using the cool tools that Unity has to offer! Get ready to build atmospheric landscapes, mountain runs, stair builds, and implement obstacles to keep your relic safe! Then, your real-world game begins: test and evaluate your game and prepare for a market launch! All of the moving parts of the game development process come together in this course, so you can unleash your game into the world!

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Introduction to Programming (# 2855 EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Principles of Information Technology

Modality: ELANCOline

Course Description:

Have you ever wondered how your favorite software is created? Explore the software development life cycle from start to finish while developing your own programming skills with Python. Explore the power of data and algorithms along with their influence upon the world. Launch yourself into the endless possibilities a career as a programmer can bring you! Plan and develop a problem-solving program while performing testing, debugging, and quality assurance procedures. Design and plan your own app as part of your capstone project to give you a thorough introduction to the world of programming.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Programming 2 (# 2856 EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Introduction to Programming

Modality: ELANCOline

Course Description:

Congratulations; you're speaking a different language! A programming language that is. But do you want to learn more? Discover the most popular programming languages and what they have to offer the software world. Explore data, algorithms, and objectives and how they are essential to language 'speak'. Learn the software development life cycle and how it can be implemented so you can create projects, such as a prototype for an app you'll code and a working to-do list website. Develop a simple web page using HTML, CSS, and JavaScript and then you'll practice your Python skills, making your own photo editor and sound player! Using API, you'll practice adding a weather widget to a website and you'll ensure page safety using encryption techniques through Python. You'll test, you'll inspect, you'll collaborate, and for your finale, you'll craft a graphical user interface for an app using Python's Tkinter! Let's get ready to program!

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOline modality.

Health Sciences Career Ready Programs			
Level 1 Career Explorer	Level 2 Career Launcher	Level 3 Career Concentrator	Certification
Health Science Foundations 1a/1b	Anatomy & Physiology 1a/1b OR Medical Terminology 1a/1b Health Science Theory 1a/1b **For internship purposes	Pharmacology 1a/1b	Optional for all Certifications
		Sports Medicine 1a/1b	Sports Medicine
		Sports Medicine 2a/2b	
		Emergency Medical Responder 1a/1b	Emergency Medical Responder
		Allied Health Assistant 1a/1b	Allied Health Assistant
		Dental Assistant 1a/1b	Dental Assistant
		Medical Assistant 1a/1b	Medical Assistant
		Nursing Assistant 1a/1b	Nurse Assistant

Health Science Foundations I (# 6072EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: None.

Modality: ELANCOline

Course Description:

Health science careers are not only in high demand, but they offer a diverse range of careers for all types of people interested in helping others. Acquire foundational knowledge required to pursue a career in the healthcare industry, and the education, training, and credentials needed to attain them. Learn basic medical terminology, principles of anatomy and physiology, and legal and ethical responsibilities. Explore communication, teamwork, and leadership techniques – providing a solid basis for those wanting to advance through the health sciences. Making sure that you, your patients, and your colleagues stay safe, you’ll begin analyzing your responsibilities for ensuring patient and personal safety with special attention paid to emergency procedures. Examine infection control, first-aid, CPR, and measuring a patient’s vitals. Learn about numerical data, such as systems of measurement, medical math, and

reading and interpreting charts. And examine effective teamwork and leadership characteristics while building your employment skills.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Medical Terminology I (# 6075EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: None.

Modality: ELANCOOnline

Course Description:

Learning the language is essential for careers in health science. Join word parts to form medical terms, associations within body systems, and better communicate with colleagues and patients. Build your proficiency and confidence with this course and prepare yourself for a career in health sciences. Discover the medical terminology associated with even more body systems to increase your ability to master prefixes, suffixes, and roots. Connect this language to real-world patients and clinical settings through practical applications and specific scenarios. Launch your health knowledge with detailed medical terms.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Health Science Theory I (# 6078 EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: None.

Modality: ELANCOOnline

Course Description:

From doctors and nurses to x-ray technicians and medical aides, the field of healthcare offers numerous roles that will allow you to make a difference in the lives of patients. In this course, you'll learn all about the foundations of healthcare from how the industry works around the world, to the different professions that fall within the field. You'll also learn medical terminology and calculations, the difference between diagnostic and therapeutic careers, and the legal and ethical considerations. In this course, you'll review key aspects of the broad category of safety as well as learn how to assess and treat patients for an array of injuries. You'll learn how to identify emergencies, trauma and complex care, and the basics of CPR and life support. Lastly, you'll explore the importance of collaborating with other team members to manage and resolve conflicts. Let's suit up to learn how you can positively impact patients in the field of healthcare.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Pharmacology I (# 6080EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Anatomy & Physiology or Medical Terminology

Modality: ELANCOOnline

Course Description:

If you ever thought about pursuing a gratifying career in biomedical sciences, pharmacology is a must. Pharmacology is the fascinating study of the chemistry, origins, and types of medications. Whether you plan on going into medicine, nursing, dentistry, veterinary medicine, or pharmacy, you'll need to learn the effects of medicines on different biological systems, appropriate dosages, and how the body responds to different medications. When implemented with care, medicine can cure illnesses and even save lives, but when distributed incorrectly, therapeutics can cause great harm. In this course, you will delve deeper into the study of medicine and treatments available to patients. You will learn about available medications for specific diseases, the way therapeutics work in the body, different drug classifications, the law behind administering drugs, and what a Pharmacy career can look like. Are you ready to continue injecting your brain with essential knowledge for a career in the medical field? Let's continue your journey of care.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Sports Medicine I (# 6085EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Anatomy & Physiology or Medical Terminology

Modality: ELANCOOnline

Course Description:

What do you think of when you hear the phrase “sports medicine professional”? Believe it or not, the term encompasses a much larger range of career options than jobs typically associated with this field. Explore some of the most popular career pathways, day-to-day responsibilities, emergency care for athletes, and legal obligations. Discover what nutrition, healthy lifestyle, and fitness truly mean, and dive into anatomy, human biomechanics, and exercise modalities. You'll expand your understanding of the human body to provide a greater context for injury in a variety of scenarios. You'll learn how to evaluate an injury, onsite tests to perform, and when to refer a patient to a medical professional. You'll also explore the anatomy of specific body areas to better understand injuries that may occur as well as ways to prevent injury. Are you ready to keep athletes functioning at peak levels? Grab your sports tape and let's hit the field of sports medicine!

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Sports Medicine II (# 6086EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Anatomy & Physiology or Medical Terminology

Modality: ELANCOOnline

Course Description:

You've learned the basics about how the body works and how to attend to athletes' injuries, but now, it's time to get personal! Time to personalize and plan for clients, that is! In this course, you will learn to develop dietary and exercise regimes for clients based on their needs and goals. You'll even have an opportunity to turn plans into action by designing workouts for your own example gym. Let's hit the ground running and continue building towards a career as a trainer! In this course, you will be introduced to teaching group exercise classes and providing rehabilitation services to clients facing injury and disease. You will also learn about laws that govern the work of sports medicine professionals, business concerns like insurance and staffing, and what you need to consider if you start your own fitness facility. It looks like it's time for the next set! Let's get started!

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Emergency Medical Responder I (# 6090EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Anatomy & Physiology or Medical Terminology

Modality: ELANCO*Online*

Course Description:

Have you ever wondered what happens after making a 911 call? Get a realistic look into the day-to-day, fast-paced life of an EMR and how their roles and responsibilities fit into the larger picture with Emergency Medical Services. Discover how to conduct a patient assessment when you arrive on a scene and assess and treat various medical emergencies. Being an emergency medical responder is dynamic and challenging. EMRs are first responders who are prepared for action! Explore how to care for diverse patients and in unique and even difficult situations. From advanced trauma to childbirth, from mass casualties to special conditions. EMRs are trained to care for, treat, move, and transport patients in various situations and play a vital role as part of an EMS response team.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.

Allied Health Assistant I (# 6095EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Anatomy & Physiology or Medical Terminology

Modality: ELANCO*Online*

Course Description:

Are you passionate about helping people and making a difference in their lives? If you're planning on going into the healthcare field, then this course is for you! Explore your options by learning how to properly care for your patients and provide for the administrative needs of healthcare. Learn to prepare exam rooms, schedule, bill, and document all while solidifying your professional skills in communication, privacy, safety, and ethics. Allied health encompasses a broad range of different health care professionals who provide a range of skills in the fields of dentistry, pharmaceutical, medicine, nursing, nutrition, rehabilitation, and more. The second part of the course gives you the needed skills to pursue any of these careers in allied health.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCO*Online* modality.

Dental Assistant I (# 6130EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Anatomy & Physiology or Medical Terminology

Modality: ELANCO*Online*

Course Description:

Are you a compassionate person who genuinely cares about helping others be healthy? Learn how becoming a Dental Assistant can offer you a rewarding career as well as job security. Start with learning the different roles within a dentist's office, organizations to get involved with, and basic head, neck, and dental anatomy. You'll learn about the daily duties of a dental assistant including the structure of an office visit, managing patient records, and administrative aspects of the role. You'll also explore how patient health can impact oral health, how to prepare for

and perform a patient visit, and how to succeed in a team environment. Let's continue polishing those skills to become a dental assistant today!

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Medical Assistant I (# 6140EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Anatomy & Physiology or Medical Terminology

Modality: ELANCOOnline

Course Description:

It takes a strong team to offer top-notch patient care, and each team member plays in integral role. Are you a team player interested in coordinating patient care? Then a career as a medical assistant may be right for you! In this course, you will acquire medical terminology, investigate anatomy and physiology, learn keys to professionalism in an office setting, and explore office roles while building a professional portfolio. You'll explore patient care and procedures, testing and care coordination, pharmacology and safety, and reimbursement and the law. You'll also narrow your areas of interest so you can better determine what type of medical assisting may be best for you. Are you ready to continue on the road to medical assisting? Grab your lab coat and let's get going!

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

Nursing Assistant I (# 6150EOL)

1.00 Credit

Semester – Daily

Offered Grades: All

Prerequisites: Successful completion of Anatomy & Physiology or Medical Terminology

Modality: ELANCOOnline

Course Description:

If you ever wanted a career that is centered around the care of others and that directly impacts the most vulnerable populations, then it's time to explore what it means to be a Nursing Assistant. This role can be the first step on your nursing career ladder or into other healthcare positions. Learn career options, ethical and legal responsibilities, anatomy and physiology, patient care, and safety. As a Nursing Assistant, you are heavily involved in the care of your patients. But what does a typical day look like? How do you care for your patients during your shift? From hospital settings to home health care, from pre- and postoperative to rehabilitation. Discover how best to communicate and work with your team to ensure a safe environment, prevent and control infectious diseases, advocate for your patient's rights, and provide appropriate care – even for the most complex patient needs.

Completing [SmarterMeasure](#) is a requirement to register for courses in the ELANCOOnline modality.

LANCASTER COUNTY CAREER & TECHNOLOGY CENTER (LCCTC)

Program Description:

Over forty unique programs of study are available to learners through the Lancaster County Career and Technology Centers (LCCTC). Through these programs learners can receive specific training in a field of interest and earn required certifications necessary to work in the field. Additionally, many of the programs include dual enrollment courses where learners can earn college credit while completing their Mathematics and English courses at the CTC.

Garden Spot High School learners participate in half day programs as a junior and full day programs as a senior. If you are interested in learning more about the Career and Technology Center programs, see the supplemental Pathways materials on the Course Selection Guide of the website (www.lcctc.org), or make an appointment with your counselor.

The application process for the CTC typically occurs in December of learners' sophomore and junior years. If any rising junior or senior is interested in attending the CTC but has not yet applied, they should contact their counselor immediately to see about any remaining openings. Rising freshman and sophomores should make note of the application timeframe and begin talking with their counselor to ensure they are on track for admission.

Full-Day LCCTC (# 8000)

10.00 Credits

Full Year – Daily

Offered Grades: 12

Prerequisites: Application and acceptance to LCCTC

Modality: Traditional

Course Description:

Learners who have already applied to the Full-Day programs should select #8000 during the course selection process. The high school will enter the learner's specific program numbers in the fall when learners begin attending. The CTC offers the following full-day programs for our learners:

Advanced Manufacturing Center

- Electro-Mechanical Engineering Technology
- Precision Machining & Computer-Aided Manufacturing
- Metal Fabrication
- Welding Technology

Agri-Science Center

- Animal Production Science & Technology
- Veterinary Assistant

Consumer Services Center

- Early Childhood Education

Construction Technologies Center

Architectural CAD – Design
Cabinetmaking & Wood Technology
Electrical Construction Technology
Heavy Equipment Operations & Basic Maintenance
HVAC/R
Painting & Interior Finishes
Plumbing
Carpentry Technology

Culinary Arts Center

Baking & Pastry Arts
Culinary Arts/Chef

Health Care Center

Patient Care Technician
Dental Assistant
Medical Assistant
Nursing Assistant/Home Health Aide

Information Technology Center

Computer Networking & Security
Interactive Media & Web Design

Protective Services Academy (at the Lancaster County Public Safety Training Center)

Protective Services Academy

Transportation Technologies Center

Automotive Technology
Collision Repair
Diesel Equipment Technology
Power Sport Technology

Visual Communications Center

Commercial Art
Digital Design/Print Media
Photography & Multimedia Communications

Half-Day LCCTC (# 8008, 8009)

6.00 Credits

Full Year – Daily

Offered Grades: 11, 12

Prerequisites: Application and acceptance to LCCTC

Modality: Traditional

Course Description:

Learners who have already applied to the half-day programs should select #8009 (PM) during the course selection process while also selecting an English, Mathematics, Science, and Social Studies class. The high school will enter

the learner's specific program numbers in the fall when learners begin attending. The CTC offers the following half-day programs for our learners:

Intro to Construction Careers
Intro to Culinary Careers
Intro to Health Careers
Intro to Manufacturing Careers
Intro to Transportation Careers
Intro to Visual Communications Careers

Alma Mater

*Hail to our school of blue and gray
to thee we give our praise.
Our honor and our loyalty,
for all our joyous days;
the friendships that we've made anew,
Shall never be forgot
Hail to our Alma Mater
Hail to Garden Spot!
Hail to Garden Spot!*

Garden Spot High School
669 East Main Street
New Holland, PA 17557
www.elanco.org