

Program of Studies

2026-2027



Carlynton Jr./Sr. High School
Grades 9-12

Community :: Excellence :: Character



www.carlynton.net

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Mission, Vision, and Values

Mission

The Mission of the Carlynton School District is to provide a challenging educational program for all students within a safe, nurturing environment which will enable them to function as productive, ethical and responsible global citizens.

Vision

The Carlynton School District will inspire a passion for learning, a commitment to excellence, and a respect for the diversity of individuals as we prepare our students for the demands of a changing global society.

Values

- **Students:** Students assume a vital role in the District's ability to attain the mission and the vision. Students must respect learning through active participation and a scholarly approach. Students must respect school property issued to support learning activities and facilities that enhance learning in both curricular and extracurricular activities. Students must respect themselves through healthy lifestyles and respect the needs and differences of others. Students must respect safety to ensure all students have access to all available services.

- **Staff:** All members of the staff must recognize that instruction must be engaging, challenging, purposeful and relevant and be able to employ best practices to nurture a culture conducive to student learning and continuous professional growth. Staff members must utilize a variety of assessment data to assist in driving instructional decisions. Through the recognition and belief that students can be successful learners, all staff must be diligent in creating appropriate and supportive environments. Staff must recognize that growth and achievement take place not only in the academic arena but also in social, physical and emotional contexts. Collectively the staff must contribute to creating a safe environment where all students can take intellectual risks.

- Administrators: School District administrators must embrace decision making models that are aligned to the Mission, Vision and Strategic Goals with Financial Stewardship. Administrators must contribute and use supervisory positions to ensure that learning and workplace environments are safe and conducive to learning and work flow. Administrators must communicate effectively to all stakeholders and manage conflict in a manner that is constructive and respectful while listening and effectively responding to concerns. School officials must maintain high expectations for students' growth and provide effective resources, facilities, and support for instruction and learning. School administrators must regularly examine and support a curriculum that is engaging, relevant, and accessible to all students.

- **Parents:** Parent involvement and active engagement in their child's education is inherently connected to the success of the District successfully attaining the mission and vision. Parents must encourage and support all students in their pursuit and participation in academics, arts, activities, and athletics. Parents must provide feedback to appropriate school personnel and share concerns to promote positive change and institutional growth. Parents must have opportunities to build productive partnerships through community engagement.

- **Community:** Community members must feel as welcomed partners while contributing to the successful attainment of the mission and vision of the school district. Community members must be provided with opportunities to work in unison with the school district to accomplish goals. Community members must support and encourage the general wellbeing of all students in their pursuit of academics, arts, activities, and athletics. Community members must provide feedback to appropriate school personnel and share concerns to promote positive change and institutional growth. Community members must have opportunities to build productive partnerships through community engagement.

Administrators, Counselors, & Support Staff

Principal Mrs. Marsha Burleson 412-429-2500 ext. 1109 marsha.burleson@carlynton.k12.pa.us	**Assistant Principal** Mr. Joseph Rosi 412-429-2500 ext. 1115 joseph.rosi@carlynton.k12.pa.us
Athletic Director Mr. Nathan Milsom 412-429-2500 ext. 1123 nathan.milsom@carlynton.k12.pa.us	**Coordinator of Educational Programs and Services** Mr. Michael Loughren 412-429-2500 ext. 1109 michael.loughran@carlynton.k12.pa.us
Junior-Senior High Secretary Mrs. Erin Kozy 412-429-2500 ext. 1117 erin.kozy@carlynton.k12.pa.us	**Guidance Secretary** Ms. Becky Yoest 412-429-2500 ext. 1116 rebecca.yoest@carlynton.k12.pa.us
Junior High Guidance Counselor (Grades 7-9) Mrs. Helen Schearer 412-429-2500 ext. 1114 helen.shearer@carlynton.k12.pa.us	**Social Worker and Home Liaison** Ms. Bethany Mudd 412-429-2500 ext. 29118 bethany.mudd@carlynton.k12.pa.us
Senior High Guidance Counselor (Grades 10-12) Mrs. Stefanie Barnes 412-429-2500 ext. 1122 stefanie.barnes@carlynton.k12.pa.us	**Athletics Office Secretary** Ms. Sharon Stengel 412-429-2500 ext. 1129 sharon.stengel@carlynton.k12.pa.us
Transition Coordinator Mr. Gearld Pepe 412-429-2500 ext. 2123 gerald.pepe@carlynton.k12.pa.us	
Attendance Office Secretary Ms. Jane Corral 412-429-2500 ext. 1108 jane.corral@carlynton.k12.pa.us	

Message From The Principal

Dear Carlynton High School Students and Families,

Whether you are preparing for your final year of high school or just beginning your journey as a freshman, the information in this Program of Studies represents opportunity, choice, and possibility. Within these pages, you will find pathways designed to help you prepare for college, careers, military service, and life beyond Carlynton. You will be challenged to push beyond limits you may not yet realize you have, to explore your interests, and to develop skills that will serve you well long after graduation.

As you review this catalog, you will be asked to take an active role in shaping your future. Course selection is an important responsibility, and we encourage you to engage in thoughtful conversations with your parents or guardians, teachers, coaches, advisors, and school counselors. Together, you can select courses and programs that both challenge and support you as you work toward your goals.

To help guide this process, our courses are aligned to clearly defined Career Pathways. These pathways are designed to connect students to viable careers and post-secondary opportunities. Each student will identify a primary concentration area based on individual interests, strengths, and future aspirations. While pathways provide structure and guidance, they are not limiting. Students have flexibility to explore a wide range of coursework across pathways, ensuring a well-rounded educational experience that reflects both curiosity and ambition.

At Carlynton High School, our administration and staff are committed to preparing every student for success in their post-secondary endeavors—whatever path that may be. Our work is grounded in three essential dimensions of college and career readiness:

- Academic Preparedness focuses on the knowledge and cognitive skills necessary for success in college-level coursework and career training. Access to rigorous learning opportunities, including Advanced Placement, College in High School courses, and career and technical programs, plays a critical role in this preparation.
- Academic Tenacity reflects the habits, attitudes, and perseverance needed to meet challenges. Regular attendance, engagement in learning, and willingness to work through productive struggle help students develop confidence and resilience.
- Career and College Knowledge equips students with the tools needed to navigate post-secondary options. Through coursework aligned to Pennsylvania Career Education and Work standards, industry exposure, and work-based learning opportunities, students gain clarity and direction for future planning.

In addition, our goal is that every Carlynton graduate leaves us embodying key attributes essential for lifelong success:

- Accountability – being engaged, responsible, and motivated learners
- Critical Thinking – demonstrating problem-solving skills, creativity, and adaptability
- Resilience – showing perseverance, grit, confidence, and a strong work ethic
- Respect for Others – practicing kindness, empathy, integrity, and inclusivity

As you plan your course selections for the upcoming school year, I encourage you to keep these dimensions and attributes in mind. Challenge yourself. Set ambitious goals. Take advantage of the many opportunities available to you.

Please know that the staff of Carlynton High School is here to support and guide you every step of the way. Our teachers, counselors, coaches, administrators, and support staff are committed to helping you grow, succeed, and be ready for what comes next.

We look forward to partnering with you as you prepare for your future.
Sincerely,
Marsha Burleson
Principal
Carlynton Junior–Senior High School

Graduation Requirements

As established by the Carlynton School District Board of Education and the Pennsylvania Department of Education, a minimum of 24.5 Credits, as outlined below, is required to be completed in grades 9-12. A minimum of 6 Credits must be scheduled each year, unless administratively approved through an academic plan. Participation in the commencement ceremony requires ALL Credits and requirements to be satisfied upon the student's completion of the normal school year. Students and parents are responsible for knowing the requirements for promotion and graduation and planning accordingly. Additionally, a student's post-secondary plan may require coursework and subject-specific Credits beyond minimum requirements for graduation. Students and families should seek guidance from school counselors and directly from potential post-secondary programs and institutions to appropriately plan course and Credit attainment to meet these external requirements.

Minimum Credit Requirements for Promotion for All Students
In order to be promoted each year, students must pass a minimum number of Credits. Listed below is the minimum total number of Credits a student must have earned by the end of each grade to be promoted to the next grade level. Opportunities for Credit recovery will be available during the summer at a cost to the student.

Grade 9	6.0
Grade 10	12.0
Grade 11	18.0
Graduation	24.0

Requirements for Class of 2027, 2028

Requirement Category	Required Credits	Course Minimums *(unless administratively waived through an academic plan)*
English	4.0	➢ 1.0 Credit of English 9 ➢ 1.0 Credit of English 10 ➢ 1.0 Credit of English 11 or AP Language & Composition ➢ 1.0 Credit of English 12 or AP Literature and Composition
Social Studies	3.0	➢ 1.0 Credit of Survey of US History ➢ 1.0 Credit of Global Affairs ➢ 1.0 Credit of American Government or AP Government
Mathematics	3.0	➢ 1.0 Credit for Algebra I ➢ 2.0 Credits of math electives *Note: Courses completed prior to ninth grade do not apply to high school graduation requirements. Students who have completed Algebra I prior to ninth grade are required to complete 3.0 high school math Credits earned through additional math coursework.*
Science	3.0	➢ 1.0 Credit for Biology or ➢ 2.0 Credits of science electives
Health and Physical Education	1.5	➢ 0.5 Credit of Health ➢ 1.0 Credit of Physical Education
Additional Electives	9.5	➢ Any courses beyond those applied for above requirements. Students are encouraged to consider elective courses in Arts & Humanities and/or STEAM related departments, as well as those aligned to their Career Pathway, to provide themselves with a well-rounded education
State Requirement		➢ Proficient or Advanced on the Algebra I, Biology, and Literature Keystone Exams or Demonstration of proficiency through an Act 158 pathway. ➢ Career Artifacts Portfolio ➢ Successful completion of state required Civics exam
Total Credits	24	

Requirements for Class of 2029 and Future classes

Requirement Category	Required Credits	Course Minimums *(unless administratively waived through an academic plan)*
English	4.0	➢ 1.0 Credit of English 9 ➢ 1.0 Credit of English 10 ➢ 1.0 Credit of English 11 or AP Language & Composition. ➢ 1.0 Credit of English 12 or AP Literature and Composition
Social Studies	3.0	➢ 1.0 Credit of Survey of US History ➢ 1.0 Credit of Global Affairs ➢ 1.0 Credit of American Government
Mathematics	3.0	➢ 1.0 Credit for Algebra I ➢ 2.0 Credits of math electives *Note: Courses completed prior to ninth grade do not apply to high school graduation requirements. Students who have completed Algebra I prior to ninth grade are required to complete 3.0 high school math Credits earned through additional math coursework.*
Science	3.0	➢ 1.0 Credit for Biology ➢ 2.0 Credits of science electives
Health and Physical Education	1.0	➢ 0.5 Credit of Health ➢ 0.5 Credit of Physical Education
Digital Productivity & Data Literacy	0.5	➢ 0.5 Credit of Digital Productivity & Data Literacy
Personal Finance	0.5	➢ 0.5 Credit of Personal Finance
Additional Electives	9.0	➢ Any courses beyond those applied for above requirements. Students are encouraged to consider elective courses in Arts & Humanities and/or STEAM related departments, as well as those aligned to their Career Pathway, to provide themselves with a well-rounded education
Career Portfolio	0.5	➢ 0.5 Credit for successful completion of the Career Education and Work Standards Portfolio (i.e job shadowing, internships, externships, industry based learning experiences and indicators, etc.)
State Requirements		➢ Proficient or Advanced on the Algebra I, Biology, and Literature Keystone Exams or Demonstration of proficiency through an Act 158 pathway. ➢ Successful completion of state required Civics exam
Total Credits	24.5	

ACT 158 Graduation Requirements

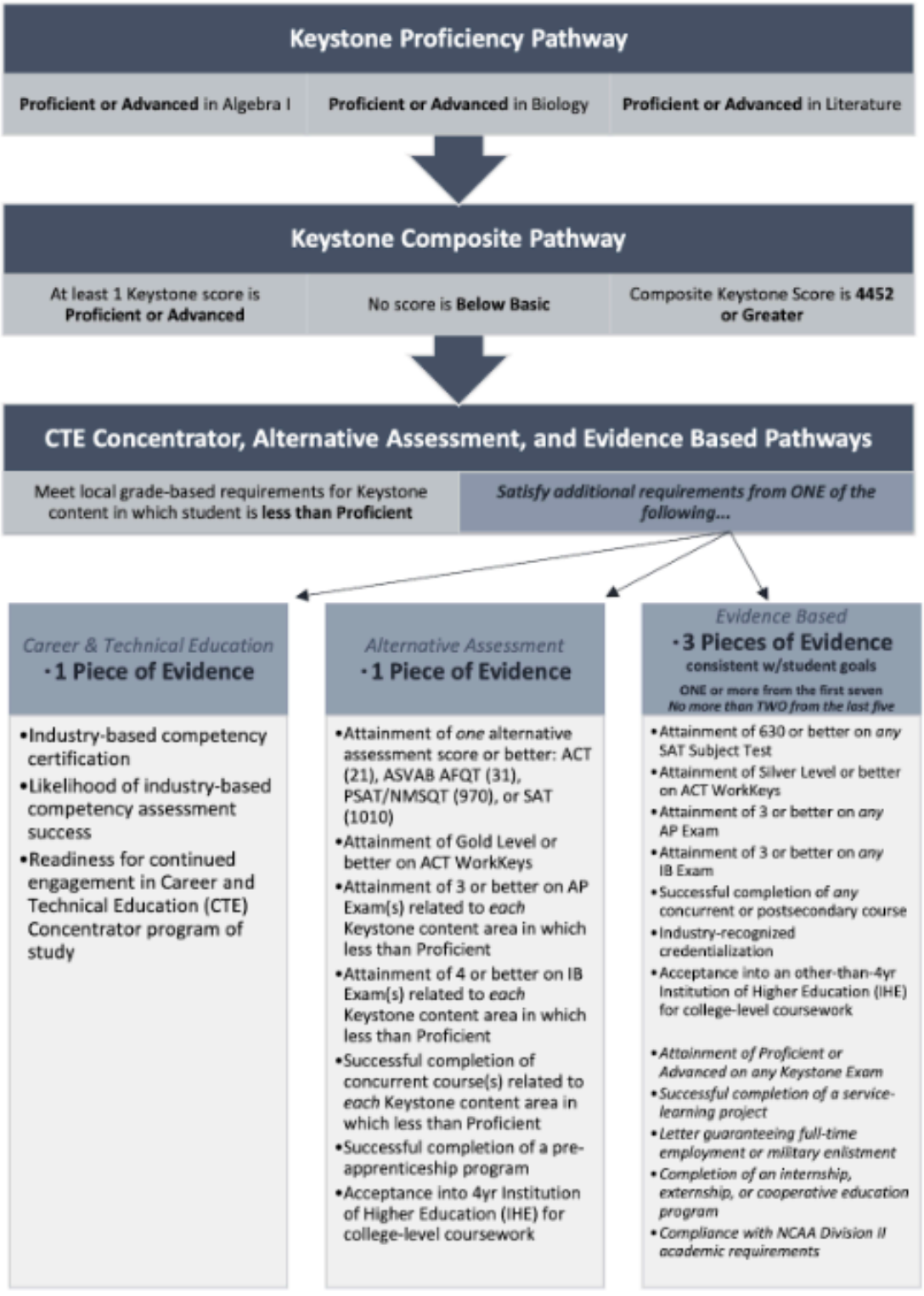
In accordance with PA Act 158, Carlynton High School has aligned graduation pathways related to state assessments and proficiency in algebra 1, biology, and literature standards. Aligned with Pennsylvania Department of Education (PDE) requirements and the federal Every Student Succeeds Act (ESSA), every student will attempt the Algebra 1, Biology, and Literature Keystone Exams upon completion of the aligned course for each exam. In the event a student does not earn a minimum proficient score on the first attempt, he/she will be offered supplemental instruction to prepare to retake the exam during the subsequent testing wave offered by Carlynton. Students who do not demonstrate proficiency on a second attempt may meet the requirements through one of the alternate graduation pathways outlined below. Student scores on the Keystone Exams will be recorded on the student's official transcript.

Additionally, PA Act 136, signed in November 2020, establishes that any students who missed the end-of-course exams in Algebra 1, Biology, or 10th Grade Literature in the spring of 2020, due to statewide cancellation of the exams as a result of the global COVID-19 pandemic, will receive a non-numeric proficient-level score on those exams if they passed the respective course(s) in those areas. This act only pertains to exams missed in May of 2020. Students who wish to earn a numerical score or improve score levels may still opt to take the exam.

Furthermore, students in the Class of 2023 and beyond are required by this legislation to meet one of the established graduation pathways in addition to local graduation requirements.

- *Keystone Proficiency Pathway*: Scoring proficient or advanced on each Keystone Exam - Algebra I, Literature, and Biology.
- *Keystone Composite Pathway*: Earning a satisfactory composite score of 4452 on the Algebra I, Literature, and Biology Keystone Exams (while achieving at least a proficient score on at least one of the three exams and no less than a basic score on the remaining two).
- *CTE Pathway*: For students enrolled in a Parkway West CTC program, the successful completion of aligned coursework for academic content areas associated with each Keystone Exam on which the student did not achieve proficiency and one artifact from the pathway criteria list.
- *Alternate Assessment Pathway*: Successful completion of aligned coursework for each academic content area associated with each Keystone Exam on which the student did not achieve proficiency and one artifact from the pathway criteria list.
- *Evidence Based Pathway*: Successful completion of aligned coursework for academic content areas associated with each Keystone Exam on which the student did not achieve proficiency and demonstration of three artifacts consistent with the student's goals and career plans from the pathway criteria list.

Lastly, Act 35 of 2018 requires all school entities to administer a locally developed assessment of U.S. history, government, and civics as an end-of-course assessment. Every student must complete the Civics Exam, which is embedded within the American Government, Honors American Government and AP US Government & Politics curriculum at Carlynton. Most students will complete this exam in the corresponding course during their junior year of high school. Any student that does not take an aligned course while attending Carlynton High School is required to complete the Civics Exam prior to being eligible to graduate.


Keystone Proficiency Pathway
Proficient or Advanced in Algebra I
Proficient or Advanced in Biology
Proficient or Advanced in Literature
Keystone Composite Pathway
At least 1 Keystone score is Proficient or Advanced
No score is Below Basic
Composite Keystone Score is 4452 or Greater
CTE Concentrator, Alternative Assessment, and Evidence Based Pathways
Meet local grade-based requirements for Keystone content in which student is less than Proficient
Satisfy additional requirements from ONE of the following…
Career & Technical Education
·1 Piece of Evidence
•Industry-based competency certification
•Likelihood of industry-based competency assessment success
•Readiness for continued engagement in Career and Technical Education (CTE) Concentrator program of study
Alternative Assessment
·1 Piece of Evidence
•Attainment of one alternative assessment score or better: ACT (21), ASVAB AFQT (31), PSAT/NMSQT (970), or SAT (1010)
•Attainment of Gold Level or better on ACT WorkKeys
•Attainment of 3 or better on AP Exam(s) related to each Keystone content area in which less than Proficient
•Attainment of 4 or better on IB Exam(s) related to each Keystone content area in which less than Proficient
•Successful completion of concurrent course(s) related to each Keystone content area in which less than Proficient
•Successful completion of a pre-apprenticeship program
•Acceptance into 4yr Institution of Higher Education (IHE) for college-level coursework
Evidence Based
·3 Pieces of Evidence
consistent w/student goals
ONE or more from the first seven
No more than TWO from the last five
•Attainment of 630 or better on any SAT Subject Test
•Attainment of Silver Level or better on ACT WorkKeys
•Attainment of 3 or better on any AP Exam
•Attainment of 3 or better on any IB Exam
•Successful completion of any concurrent or postsecondary course
•Industry-recognized credentialization
•Acceptance into an other-than-4yr Institution of Higher Education (IHE) for college-level coursework
•Attainment of Proficient or Advanced on any Keystone Exam
•Successful completion of a service-learning project
•Letter guaranteeing full-time employment or military enlistment
•Completion of an internship, externship, or cooperative education program
•Compliance with NCAA Division II academic requirements

Keystone Exams

The Keystone Exams are end-of-course assessments designed to evaluate proficiency in academic content in Algebra 1, Biology and Literature. All students will take the particular Keystone Exam in the grade that they took the course. For example, if a student takes Algebra I in 9th grade, which is the year the student will take the Algebra Keystone Exam. Beginning with the Class of 2023, students must demonstrate proficiency on the Algebra, Literature, and Biology Keystone Exams in order to fulfill the Keystone Proficiency Pathway graduation requirement. This is achieved by scoring Proficient or Advanced on the overall score of the individual exams.

Earning a satisfactory composite score (4452) on the Algebra, Literature, and Biology (while achieving at least a score of proficient on at least one of the three exams AND no less than a score of basic on the remaining two exams) will satisfy Pathway 2: Keystone Composite Pathway. Students who do not demonstrate proficiency on a specific Keystone Exam Pathway will be encouraged to complete supplemental instruction and retake the exam in order to qualify for graduation under Pathway 1 or 2. Supplemental instruction will be consistent with the student educational program. Students and parents will be informed of which exams they will be taking at the start of each school year.

Class Rank

Class rank must be calculated by averaging the final percentage of all classes in grades nine through twelve to obtain an overall percentage average. The academic Valedictorian and Salutatorian, the number 1 and number 2 ranked students in the class respectively, will be determined from those students pursuing a curriculum containing the following:

1. Four Credits of English
2. Three Credits of Science
3. Three Credits of Mathematics
4. Three Credits of Social Studies
5. Two Credits of a World Language

Weighted Grades

For the purpose of calculating class rank, weighted grades must acknowledge the rigor of academic coursework while maintaining a fair standard for all students.

Recognizing that Advanced Placement and CHS courses carry with them the standards established for postsecondary study at the college or university level, these courses will carry a weight for percentages earned higher than 70% for the purpose of calculating class rank. The final grade for each Advanced Placement and CHS course will be calculated by adding 9 percentage points to the final percentage grade earned. Grades of 70% or lower will not be weighted.

Students who have successfully completed a College in High School (CHS) course are responsible for obtaining the transcript from the partnering college or university if they are planning to attend that college or university. College in High School transcripts are not Carlynton transcripts, therefore cannot be accessed at or requested by Carlynton. Requests for these transcripts must be made to the partnering college. Please see the College in High School teacher for instructions on obtaining this transcript.

In order to receive weighted credit, students must participate in the AP testing program or register for the College in High

School Credits through the host college or university.

Scholar Courses
Recognizing that Scholar Courses demand a higher level of analytical reading ability and cognitive thinking, these courses will carry a weighted grade for percentages 70% or higher for the purpose of calculating class rank. Grades of 69% or lower in a Scholar Course will not be weighted. Weighting in each Scholar Course will occur by adding 4.5 percentage points to the final percentage for the purpose of calculating class rank.

GPA calculations will be earned as follows:

90% - 100% = A
80% - 89% = B
70% - 79% = C
60% - 69% = D
0% - 59% = F

NOTE: Weighted grades will not be used to calculate placement in Scholars-level or Advanced Placement classes in any content area.

Drop/Add Policy

The goal of the administration is to develop a master schedule that enables each student to take the required and elective classes of his or her choice. In an effort to meet this goal, developing the master schedule becomes a process where many variables, such as class size and teacher availability, must also be considered. As a result, it is imperative for the student to realize that when a course is requested in the initial scheduling process, it is a commitment to schedule and complete the course. Recognizing that a student may have a change in his/her vocational direction, the following Drop/Add policy, # 213, must be followed:

Any student requesting a schedule change must be done prior to the last day of school the current school year. All changes must be approved by the building principal.

The only schedule that will be considered for changes are those which are absolutely necessary, such as: a mistake on the schedule; a course needed to fulfill a graduation requirement; or a course needed to meet the requirements of a post-high school educational institution.

If a student drops a full-year course after the start of the school year, the student will receive a “W” grade for a dropped course within the first 10 school days (5 days for a semester course); after 10 days, that failing grade (“WF”) will be placed on the student’s report card and the cumulative percentage earned will be used to determine the final percentage average for the course.

Online Courses

1. Any student may take a course online or at another educational facility for Credit recovery if:
    a. The online program or the educational facility is acCreditedThe course is being taken as Credit recovery (the student has taken the course at Carlynton failed the course, and is taking this course as a “make-up”)
    b. The student is in their Junior or Senior year and the student’s guidance counselor can determine without the use of these options the student would not graduate “on time.” Under this scenario, a student must use district approved online courses.
    c. Parents/Guardians will be charged a nominal fee for the class if it is done through the Carlynton School District

2. Students may also take courses online or at another educational facility under the following guidelines:
    a. The online program or the educational facility is acCredited
    b. The course taken is not offered by the Carlynton School District. In this case, the student will only be given Credit for the course. The course will not be calculated into the student's Grade Point Average (GPA/PPA) or class rank.
    c. The course will be used only as an elective Credit
    d. No more than two (2) Credits may be applied in this manner toward meeting graduation requirements
    e. Parents/Guardians will be responsible for charges incurred in taking the course(s)

Career Readiness Indicators

As a measure of Future Ready PA reporting, all Pennsylvania schools are accountable for ensuring every student has access to opportunities to assess interests, build skills, and identify and explore careers aligned to those interests and skills, in order to successfully prepare for and persist in our workforce. Throughout a student's high school years, he/she will participate in several opportunities consisting of activities and lessons aligned to PA Career Education and Work (CEW) standards, as well as the completion of Industry-Based Learning indicators.

Career Education and Work (CEW) Standards Portfolio

In alignment with our goal of ensuring career and college readiness for every student, Carlynton provides our students with experiences in Career Awareness and Preparation (13.1), Career Acquisition (13.2), Career Retention and Advancement (13.3), and Entrepreneurship (13.4). Throughout a student's years at Carlynton, he/she will participate in multiple learning experiences designed to meet one or more of the CEW Standards. The culmination of these experiences will result in a comprehensive Career Education & Work Standards Portfolio for each student, finalized during a student's junior year.

By the end of 11th grade, students must:

- Have a minimum of eight (8) pieces of evidence (at least two (2) per grade levels 9-11)
- Address each career strand (13.1, 13.2, 13.3, 13.4) with at least one (1) piece of evidence
- Include at least two (2) pieces of evidence that demonstrate implementation of the student's individualized career plan

School sponsored events and classroom lessons, organized and facilitated by teachers and/or school counselors, are designed as a part of our comprehensive career education and work curriculum to aid students in developing these evidence pieces and building their unique portfolios. Students who do not participate in the aligned activities and/or complete the associated assignments will be required to complete additional or alternate assignments to meet the corresponding standard strand.

Industry-Based Learning Indicators

The Industry-Based Learning Indicator is designed to evaluate how students are engaging in work- and classroom-based activities before graduating high school. A student's successful completion of an Industry-Based Learning indicator includes meeting one (1) of the following established criteria:

- Demonstration of a high likelihood of success on the NOCTI assessment administered through A.W. Beattie Career Center as measured by pre-NOCTI scores and/or successful completion of assigned program objectives.
- Earned an approved industry-recognized credential aligned with his/her career path.
- Participated in a school-approved career mentoring experience
- Participated in a substantial service learning experience offered through the school and in partnership with an approved outside agency.
- Completed a work-based learning experience through three (3) job shadow experiences *arranged by the student/family with assistance from the school upon request*. Required pre- and post-shadow documentation should be obtained in the CRC located on the first floor of the high school. Please confer with your school

counselor prior to completing a job shadow.

Grading Scale & Quality Point Values

Students enrolled in full year courses will be issued grades at the conclusion of each nine weeks, and will also receive a grade for their midterm exam/project and final exam/project.
Students in semester courses will receive grades at the end of each nine week period and end of course (midterm/semester) grade.
Example calculation of grades are as follows:

S1 - 40% each nine weeks, 20% midterm/final
S2 - 40% each nine weeks, 20% midterm/final
Course Grade equals the semester grade (S1 or S2)

Full Year Course	
Student 1	
1st	93
2nd	90
Midterm	85
3rd	92
4th	89
Final	80
S1	90.2
S2	88.4
Course Grade	89.3

Semester - 40% each nine weeks, 20% midterm/final
Course Grade equals the semester grade (S1 or S2)

Semester - Student 1 Course Grade - Semester Grade (S1 or S2) Semester - 40% each nine weeks, 20% midterm/final	
1st	93
2nd	90
Midterm	85
S1	90.2
Course Grade	90.2

Commencement Recognition & Class Rank

Class rank is calculated for the senior high school students. It will be calculated by averaging the final percentage of all classes in grades nine through twelve to obtain an overall percentage average. The academic Valedictorian and Salutatorian, the Number 1 and Number 2 ranked students in the class respectively, will be determined from those students pursuing a curriculum containing the following:

1. Four Credits of English
2. Three Credits of Science (See Board Policy for specific course requirements)
3. Three Credits of Mathematics (See Board Policy for specific course requirements)
4. Three Credits of Social Studies
5. Two Credits of a Modern Foreign Language

Honor Roll

Students who exude academic excellence are eligible for the honor roll, high honor roll or distinguished honor roll, a pupil must meet the following criteria:

1. The student must be enrolled in a minimum of four (4) subjects each semester (excluding Physical Education), which reflect at least four (4) units of Credit for each semester.
2. The student's non-weighted 9-week average of included courses (Distinguished Honor Roll - Average = 95% and above, High Honor Roll - Average = 90% to 94%, Honor Roll - Average = 85% to 89%

Schedule Change Requests

All schedule change requests must be submitted prior to the first day of the school year. Because of established seating limits and other variables, it is strongly recommended that any request for a schedule change be submitted before the end of June so it can be determined whether it can be accomplished. After the student schedules are sent home in August, schedule changes will be accepted for the following reasons:

1. An error
2. The completion of a summer school course
3. A change due to a student's performance on the PSSA or Keystone exam
4. A change in career preparation

Students who wish to request a schedule change are to complete a Schedule Change Request Form prior to the first day of school. This form can be obtained in the Guidance Office. The completed form is to be signed by a parent/guardian and returned to the guidance office. Approved or unapproved schedule changes will be noted on this form, along with the proper administrative signature, and returned to the homeroom teacher for distribution to the student. A parent's signature is required on all schedule changes.

Withdrawal From A Course

A student will be permitted to drop a full year elective course up until the end of the first report period. When a student drops a course up until the end of the report period, a "W" will appear on the report card and the permanent record. Students dropping a course after the first report period will receive a "WF" and the cumulative percentage earned will be used to determine the final percentage average for the course.
A below-average or failing grade, without significant mitigating circumstances, is not sufficient reason for withdrawal from a class.

Special Programs and Options

Please see your school counselor for additional information about any of the special programs or options listed below.

Advanced Placement (AP)

The Advanced Placement (AP) Program is a nationally recognized rigorous curriculum sponsored by the College Board. The AP Program provides an opportunity for high school students to choose college level courses and receive undergraduate college Credits or advanced standing if their AP Exam scores qualify. The vast majority of colleges in the

United States give Credit or provide advanced standing to students whose AP Exam scores are acceptable. Please visit College Board's AP Credit Policy website to view policies regarding colleges awarding Credit for AP Exam scores.

Students enrolled in an AP course have the opportunity to attempt the corresponding AP Exam in May.

English	Social Studies	Mathematics
AP English Language & Composition	AP US Government History	AP Calculus
AP English Literature & Composition	AP Government	
	AP Psychology	

Science
AP Biology

College In High School (CHS)

The College in High School (CHS) Program enables Carlynton teachers to work with local colleges and universities in a partnership to offer college level courses. CHS courses provide high school students the opportunity to earn college Credits and receive a grade on a college or university transcript for courses successfully completed at Carlynton. In many cases, students may transfer these Credits to other universities. Carlynton High School has concurrent enrollment agreements with La Roche University, Robert Morris, Seton Hill and the University of Pittsburgh.
Students enrolling in a CHS course through the partnered college or university will be required to pay a fee, as determined by the institution, for each course. The course fees for college Credits in a CHS course are drastically reduced from typical course fees. Information regarding college or university registration and required student and parent acknowledgements are made available by the respective CHS teacher at the beginning of the course.

Carlynton High School offers the following College in High School courses through the college/university listed:

English CHS Intro. to Theater — Seton Hill University	Mathematics CHS Statistics — University of Pittsburgh CHS PreCalculus — Robert Morris University
Family and Consumer Science CHS Nutrition — University of Pittsburgh	Science CHS Chemistry — Robert Morris University AP/CHS Biology — Robert Morris University
BCIT CHS Personal Finance — Seton Hill University	World Languages CHS French 3 — LaRoche University CHS French 4 — LaRoche University CHS French 5 — LaRoche University CHS Spanish 3 — LaRoche University CHS Spanish 4 — LaRoche University CHS Spanish 5 — LaRoche University

Gifted and Talented Education

In accordance with the PA State Board of Education, Public Law 94-142, Chapter 16, Carlynton High School provides for gifted and talented students through the Gifted and Talented Education (GATE) department. The GATE program provides such students with a variety of enriching activities in an academically and socially supportive environment. Participants are encouraged to take challenging Honors, CHS and AP classes. Students should consult with their counselors and GATE teachers to make the most of the valuable opportunities available to them.

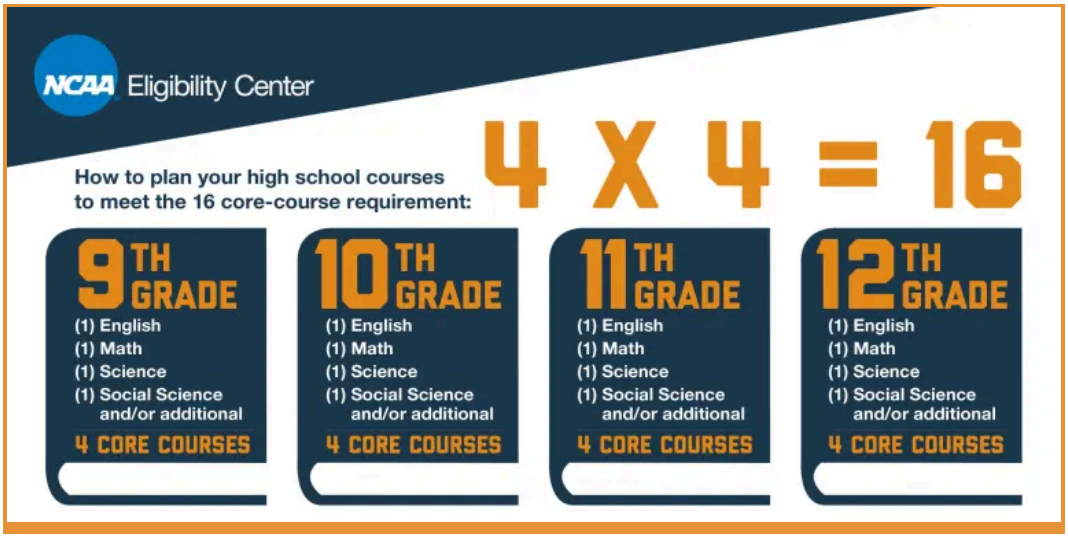
Special Education & Related Services

The PA Special Education law and regulations, Public Law 94-142, and the federal Individuals with Disabilities Education Act Amendments of 1997, requires school districts to provide a Free Appropriate Public Education (FAPE) to all students with disabilities who are eligible for special education. FAPE means special education and related services are designed to meet the individual educational needs of students through an Individualized Education Program (IEP). Carlynton High School Special Education Department provides direct and supportive services for children who are vision or hearing impaired, emotionally disturbed, learning disabled, speech and/or language impaired, or who have other health impairments. Our goal is to enable each student to participate as fully as possible in the regular instructional environment and to facilitate the transition from school to the world of work or post-secondary education.

NCAA Requirements

College-bound student-athletes who desire to compete in NCAA sports at a Division I or II school must meet certain divisionwide academic and amateurism requirements. Students who plan to attend a Division III school must meet the eligibility requirements of the school they plan to attend. In general, for Division I and II initial eligibility, a student must take 16 specific NCAA-approved core course Credits as well as meeting specific GPA requirements. It is the student's responsibility to review specific NCAA policies to be sure that the student is taking the correct classes and fulfilling additional requirements. More information can be found on the following pages or at www.eligibilitycenter.org.

Not all classes offered at Carlynton High School or those approved to meet your high school graduation requirements may be used as NCAA core courses.



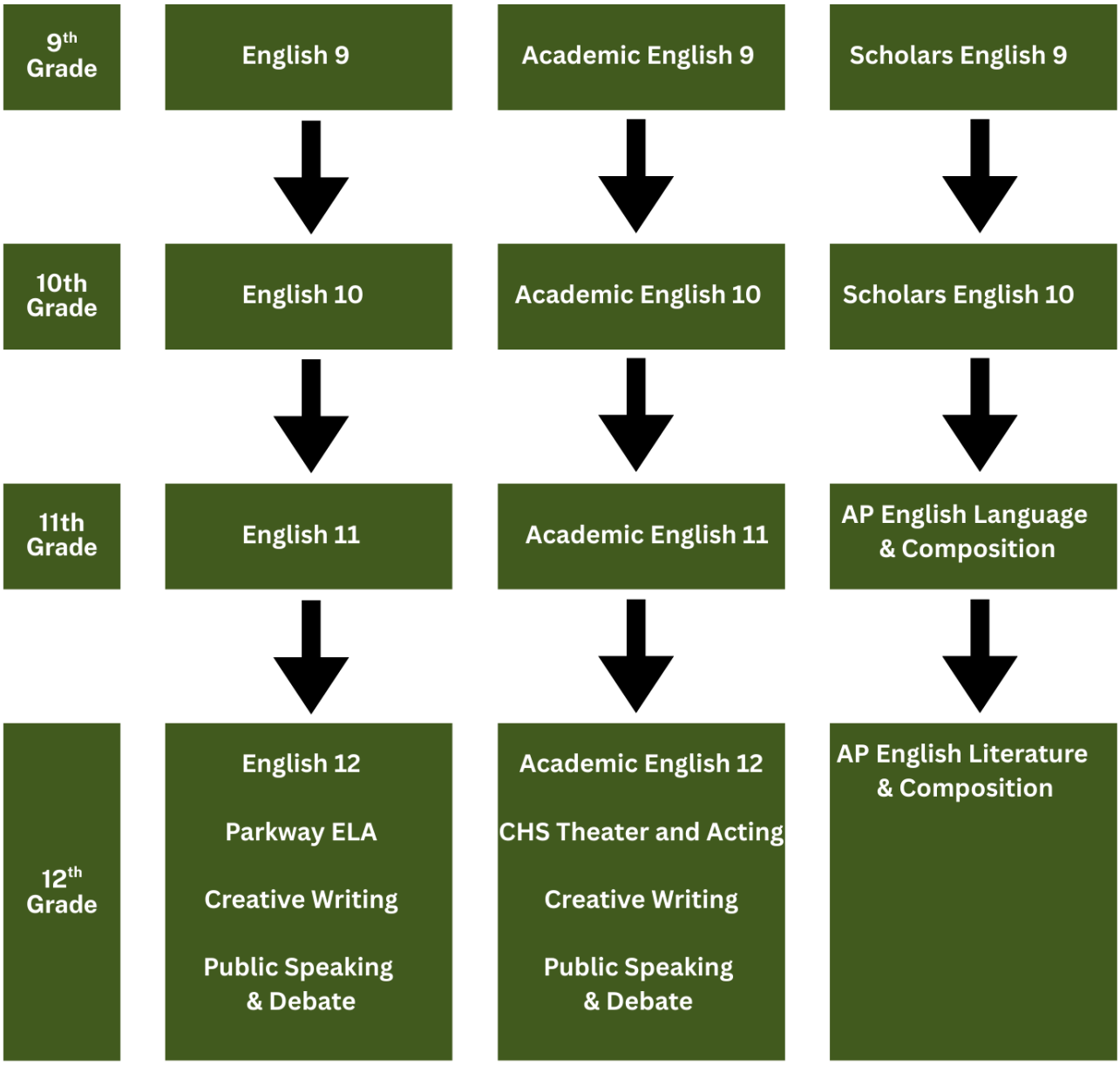


Course Sequence Charts

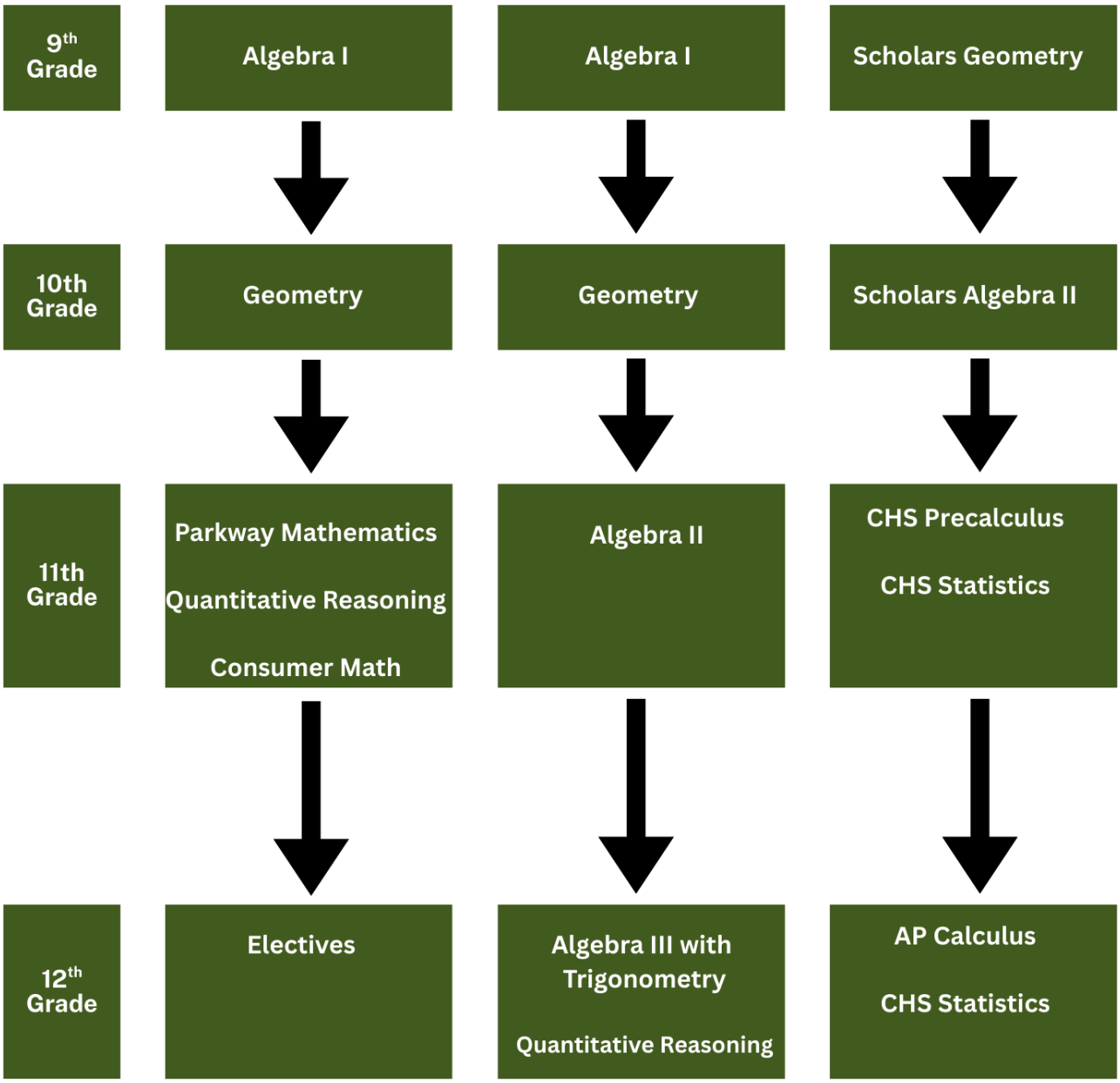
The sequence charts are designed to provide students and families with a clear overview of the typical progression of courses from grades 9 through 12. These charts illustrate how foundational skills developed in earlier grades support more advanced coursework in later years and help students plan for future academic opportunities.

While the charts reflect a standard course sequence, individual student pathways may vary based on academic performance, teacher recommendations, assessment data, and graduation requirements. Course placement decisions are made to ensure each student is appropriately challenged and supported as they progress toward college, career, and post-secondary readiness.

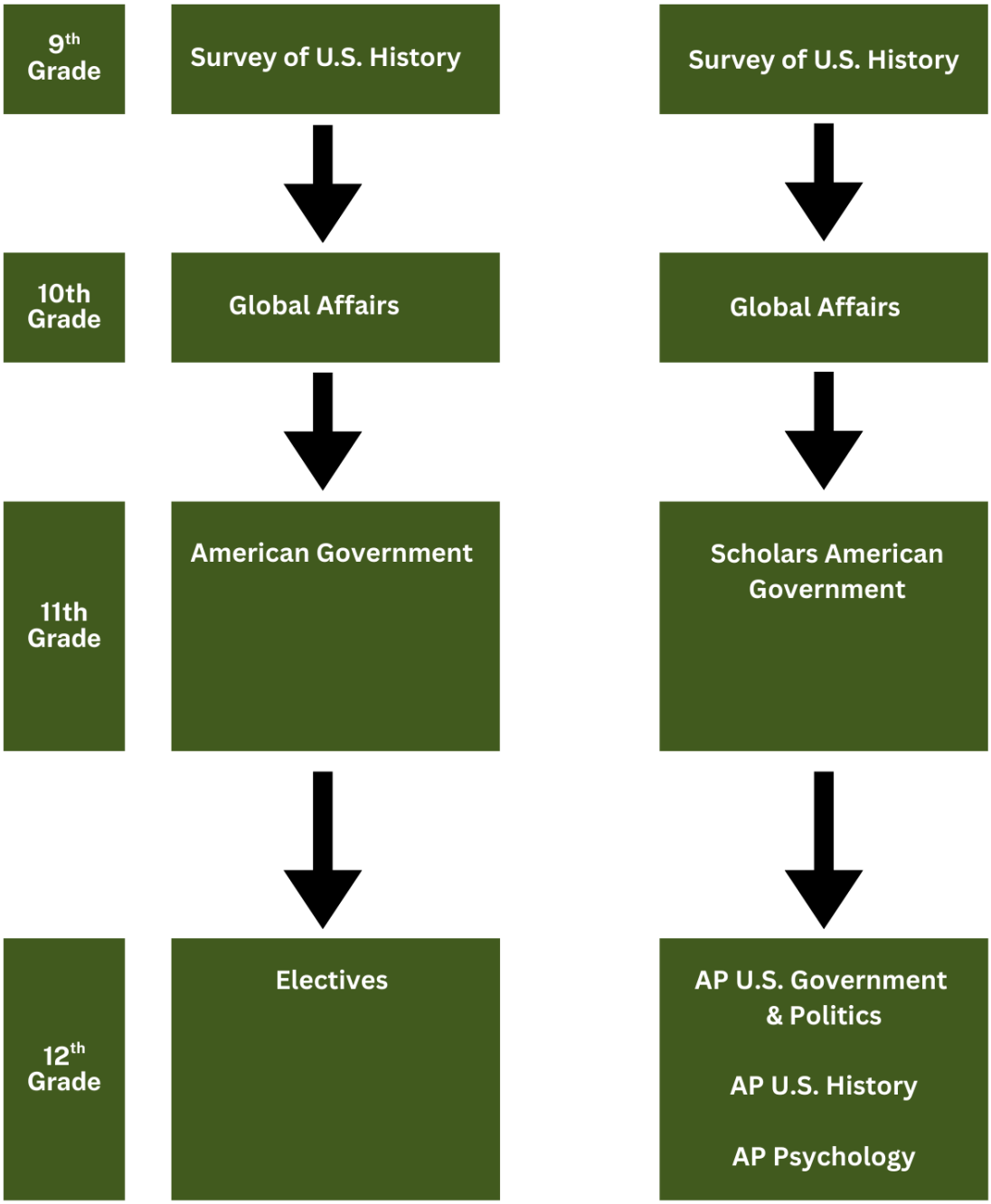
Course Sequences: English



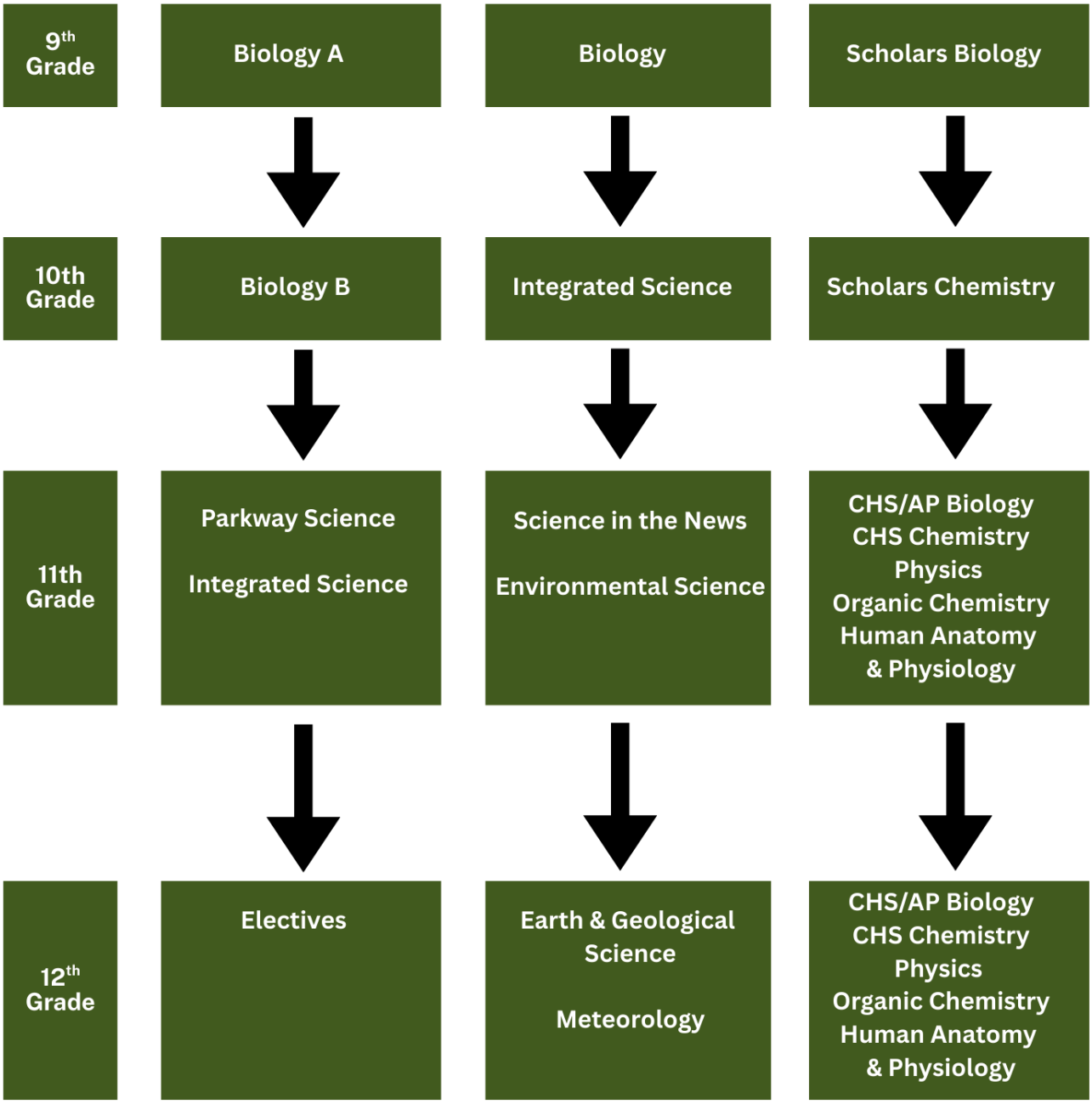
Course Sequences: Mathematics



Course Sequence: Social Studies



Course Sequence: Science



Multi-Year Academic Planning Worksheet

This worksheet is designed to help students and parents plan course selection over multiple years of high school. Beginning with desired courses during a student's *senior year* (considering possible Career Pathways, post-secondary goals and aspirations, and individual skills and talents) a student can work *backwards* to schedule necessary prerequisite courses and/or course progressions. Alternatively, a student may use the worksheet *sequentially* to enroll in the appropriate courses to meet graduation, NCAA, or other requirements. The high school schedule allows for eight (8) scheduled periods each semester, with a lunch period accounting for the nine (9) period day. Every student must schedule a minimum of seven (6) Credits per year, unless administratively approved. Please utilize your resources, including teachers and school counselors for assistance in discussing and planning course selections.

9th grade (Class of 2030)

Requirement Category	Course Number	Course Name	Sem. or Year ?	Course Credits	Total Credits in Category	*Total* Required Credits for Graduation
English						4.0
Social Studies						3.0
Mathematics						3.0
Science						3.0
Health / PE						1.0
Personal Finance						0.5
Digital Productivity & Data Literacy						0.5
Electives						9.0
Career Portfolio						0.5
			Total Credits			24.5

10th grade (Class of 2029)

Requirement Category	Course Number	Course Name	Sem. or Year ?	Course Credits	Total Credits in Category	*Total* Required Credits
English						4.0
Social Studies						3.0
Mathematics						3.0
Science						3.0
Health / PE						1.0
Personal Finance						0.5
Digital Productivity & Data Literacy						0.5
Electives						9.0
Career Portfolio						0.5
			Total Credits			24.5

11th grade (Class of 2028)

Requirement Category	Course Number	Course Name	Sem. or Year ?	Course Credits	Total Credits in Category	*Total* Required Credits
English						4.0
Social Studies						3.0
Mathematics						3.0
Science						3.0
Health / PE						1.5
Elective						9.5
Elective						
Elective						
Elective						
			Total Credits			24.0

12th grade (Class of 2027)

Requirement Category	Course Number	Course Name	Sem. or Year ?	Course Credits	Total Credits in Category	*Total* Required Credits for Graduation
English						4.0
Social Studies						3.0
Mathematics						3.0
Science						3.0
Health / PE						1.5
Elective						9.5
Elective						
Elective						
Elective						
			Total Credits			24.0

Course List

All courses offered at Carlynton High School are listed below and arranged alphabetically by department and by course number within departments. Parkway West Career and Tech Center programs offered at Carlynton are listed at the end. The following pages provide more detail for each course, including course descriptions, duration, Credit value, grade level(s), and prerequisites. Please refer to these detailed descriptions to learn more about each course.

Art	
A506	Introduction to Creativity and Innovation
A509	Ceramics and Sculpture
A512	Craft and Mixed Media
A515	Drawing and Painting
A518	Graphic Design
A521	World Art History (2027-2028)
A524	Peer to Peer Art (2027-2028)

BCIT	
A551	Accounting I
A554	Accounting II
A557	Business and Personal Law
A620	Advanced Digital Skills (2027-2028)
A624	Computer Science Discoveries
A628	Computer Science Principles
A630	Architecture (2027-2028)
A632	Engineering Essentials
A634	Entrepreneurial Innovations
A636	Entrepreneurship/Product Marketing
A661	CHS Personal Finance
A663	Digital Media (2027-2028)
A666	Sports/Entertainment Marketing
A669	Steam Innovation (2027-2028)
A672	Digital Productivity & Data Literacy

BCIT (continued)	
A622	Microsoft Digital Applications
A626	Interactive Animations and Games
A638	Robotics I
A640	Drone Flight & Navigation I
A642	Drone Flight & Navigation II
A644	Peer to Peer Digital and Technology Skills

English	
A125	English 9 C
A130	Academic English 9
A135	Scholars English 9
A140	English 10 C
A145	Academic English 10
A150	Scholars English 10
A155	English 11 C
A160	Academic English 11
A165	English 12 C
A170	Academic English 12
A175	AP Language and Composition
A180	AP Literature and Composition
A186	CHS Intro. to Theater and Acting
A190	Creative Writing
A193	Public Speaking and Debate
A195	History of Film (2027-2028)
A199	Yearbook

Family and Consumer Sciences

A651	Parenting and Infant Development
A656	Early Childhood Development
A657	Independent Living
A661	Interior Design and Sewing
A671	Teen Living
A676	Food Science and Nutrition
A677	CHS Nutrition
A678	Peer to Peer Practical Living (2027-2028)

World Languages

A710	Spanish I
A715	Spanish II
A720	CHS Spanish III
A725	CHS Spanish IV
A730	CHS Spanish V
A735	French I
A740	French II
A745	CHS French III
A750	CHS French IV
A755	CHS French V (2027-2028)
A760	French and Francophone (2027-2028)

Mathematics

A230	Algebra I
A235	Geometry
A240	Geometry Scholars
A245	Algebra II
A250	Algebra II Scholars
A255	Trigonometry
A260	CHS Statistics
A265	CHS Pre-Calculus
A270	AP Calculus

Music

A757	Senior High Chorus
A760	Carlynton Show Choir (2027-2028)
A763	Popular Music Ensemble (2027-2028)
A766	Class Piano
A769	Percussion Ensemble
A772	Digital Music Production
A775	Music Theory
A778	Senior High Band

Physical Education

A808	Physical Education 9
A810	Physical Education 10-12
A812	Health
A815	Strength Training 10-12
A820	Peer to Peer Physical Education

Science

A310	Biology
A311	Biology A
A312	Biology B
A315	Biology 9 Scholars
A320	AP/CHS Biology
A325	Integrated Science
A330	Earth and Geological Science
A335	Conceptual Chemistry (2027-2028)
A340	Chemistry Scholars
A345	Organic Chemistry
A350	CHS Chemistry
A355	Physics I
A360	Physics II (2027-2028)
A365	Meteorology
A370	Human Anatomy and Physiology
A375	Environmental Science

A280	Quantitative Reasoning

Social Studies

A410	Survey of US History
A415	Global Affairs
A425	American Government
A430	Scholars American Government
A440	American Pop Culture (2027-2028 offering)
A455	AP United States History
A460	AP United States Government and Politics
A465	Psychology: Behavior & Mental Health
A470	Psychology: Personality & Development
A475	AP Psychology
A480	Sociology (2027-2028)
A485	Introduction to Criminal Justice (2027-2028 offering)
A491	Holocaust, Genocide and Human Rights

A380	Science in the News

Special Options for Seniors

Semester 1 = W100 Semester 2 = W105	Early Release: Work Release/Experience
Semester 1 = A1000 Semester 2 = A1001	Early Release: Dual Enrollment

English Department

The Carlynton School District English curriculum provides students varied opportunities for mastery in the areas of reading, writing, speaking, and listening. Study and testing strategies are emphasized throughout the English department curriculum in preparation for PSAT, SAT, ACT, Keystone and local assessments.

English 9 A125 1.0 Credit

English 9 is a full year course that focuses on the continued development of reading, writing, listening and speaking skills using a variety of approaches. Through units devoted to the active reading of short stories, novels, and drama, the student will participate in activities and discussions in order to comprehend and analyze literature. Students will also learn to communicate effectively through written expression. Students are expected and encouraged to develop their skills each day with the emphasis upon mastery and success.

Grade Level: 9

Academic English 9 A130 1.0 Credit

Academic English 9 is a full year course that challenges the student to explore the areas of literature, and refine grammar, writing, speaking and listening skills. Through units devoted to the active reading of short stories, novels, and drama, the student will participate in activities and discussions in order to comprehend and analyze literature. Students will also learn the basic components of research. Students are expected and encouraged to develop their skills each and every day with the emphasis upon mastery and success.

Grade Level: 9

Scholars English 9 A135 1.0 Credit

Scholars English 9 is a full year course that involves the study and mastery of advanced concepts attendant to the language arts skills. Concentrated and accelerated areas of study involve reading, writing, speaking, critical thinking, research, and listening skills. This course is for excellent readers who are independent, self-reliant, and highly motivated. *A summer assignment is required of all students who enroll in this honors course.*

Prerequisite: Students must earn an unweighted average of 85% in the previous year's Scholars class or a 90% average in a non-scholars level course and be proficient or advanced on their 8th grade PSSAs.

Grade Level: 9

English 10 A140 1.0 Credit

English 10 continues to focus on the development of reading, writing, listening and speaking skills using a variety of approaches. Through units devoted to the active reading of short stories, novels, and drama, students will participate in activities and discussions in order to comprehend and analyze literature. Students will also learn to communicate effectively through written expression. Students are expected and encouraged to develop their skills each day with the emphasis upon mastery and success.

Grade Level: 10

Academic English 10 A145 1.0 Credit

Academic English 10 continues to challenge the student to explore the areas of literature, and refine grammar, writing, speaking and listening skills. Through units devoted to the active reading of short stories, novels, and drama, the

student will participate in activities and discussions in order to comprehend and analyze literature. Students are expected and encouraged to develop their skills each and every day with the emphasis upon mastery and success.

Grade Level: 10

Scholars English 10 A150 1.0 Credit

Scholars English 10 is a full year course that involves the study and mastery of advanced concepts attendant to the language arts skills. Concentrated and accelerated areas of study will involve reading, writing, speaking, critical thinking, research, and listening skills. This course is for excellent readers who are independent, self-reliant, and highly motivated. *A summer assignment is required of all who enroll in this honors course.*

Prerequisite: Students must earn an unweighted average of 85% in the previous year's Scholars class or a 90% average in a non-scholars level course.

Grade Level: 10-12

English 11 A155 1.0 Credit

This full year course is designed for 11th-grade students preparing to enter the workforce after high school. Although students will still be exposed to a range of literary texts, the course focuses on reading, writing, speaking, listening, and research skills necessary for success in a vocational or professional environment. Students will engage in practical activities that align with workplace communication needs, and will build proficiency in analyzing texts, conducting research, and presenting information clearly and effectively in both written and spoken formats. This course emphasizes critical thinking and real-world application to ensure students are ready for career success after graduation.

Placement Criteria: Teacher recommendation and/or a non-proficient score on the Keystone Literature Exam.

Grade Level: 11-12

Academic English 11 A160 1.0 Credit

This full year course is designed to develop critical thinking and communication skills through a comprehensive study of literature, writing, and research. Students will explore a range of texts, including classic and contemporary works, to enhance their reading comprehension and analytical abilities. Emphasis will be placed on writing, with a focus on argumentative, narrative, and expository essays. Students will also strengthen their speaking and listening skills through class discussions, presentations, and collaborative projects. Additionally, the course will incorporate research techniques, teaching students how to gather, evaluate, and integrate sources to support their writing. Aligned with Pennsylvania state standards, this course will prepare students for college-level reading, writing, and communication tasks.

Grade Level: 11-12

English 12 A165 1.0 Credit

This 12th-grade English full year course is designed for vocational students and students who will be entering the workforce after graduation. Students will develop their abilities in reading, writing, speaking, and listening through practical, real-world applications. Emphasis will be placed on understanding and analyzing both fiction and non-fiction texts, writing clearly and concisely, participating in discussions, and working with outside agencies to gain real world experience. The course aims to prepare students for success in their careers by honing skills that are critical in any work environment, such as critical thinking, collaboration, and clear communication.

Grade Level: 12

Academic English 12 A170 1.0 Credit

This full year course is designed to refine students' skills in reading, writing, speaking, listening, and research in preparation for post-secondary education and professional life. Students will engage with a variety of texts, including literature, non-fiction, and multimedia. Writing assignments will focus on developing clear, organized papers, with an emphasis on text, citation, and revision. Collaborative projects will strengthen speaking and listening abilities, while research skills will be honed through completion of a research paper. By the end of the course, students will be prepared to communicate effectively and critically across multiple formats.

Grade Level: 12

AP Language and Composition A175 1.0 Credit

This full year course offers students the opportunity for advanced study in language and the art of writing and prepares students for the Advanced Placement examination in English offered by the College Board. Students in this college-level course study primarily non-fiction texts such as speeches, essays, and editorials, and compose numerous analytical, argumentative, and synthesis essays. Students should expect an intensive writing focus and emphasis on close, careful reading, Vocabulary instruction and a review of grammar and usage lessons are included. Students take the AP English Language exam at the end of the course. Based on the results of the examination, students may qualify for college Credit and/or advanced college standing. This course is open to juniors and seniors. *A summer assignment is required. Failure to complete the summer assignment will result in a 0 for the summer assignment and possible removal from the class.*

Prerequisite: An average of 85% in scholars English 10 or a 90% in English 10.

Grade Level: 11-12

AP Literature and Composition A180 1.0 Credit

The A.P. English Literature and Composition course helps students read with comprehension and write with clarity. It is designed to be of a college/university level with the challenges of a typical introductory composition and/or literature course. Students investigate a variety of literary masterpieces to develop an appreciation of expression, emotion, and imagination. In doing so, they evaluate the functions of essential elements of literature. Furthermore, students refine composition skills by the intensity of the writing program. They practice ordering ideas into a logical pattern, developing them with pertinent and valid details, and communicating them with fluency and tact while mastering English language usage, spelling, and punctuation. *A summer assignment is required. Failure to complete the summer assignment will result in a 0 for the summer assignment and possible removal from the class.*

Prerequisite: An average of 85% in AP Language and Composition or a 90% in English 11 Survey of American Literature.

Grade Level: 11-12

CHS Introduction to Theater and Acting A186 0.5 Credit

Students will be introduced to the exciting and expressive art of acting using the Curriculum from Seton Hill University.. Students will learn the importance of preparation, making choices, respecting others' creative ideas, and expressing their own ideas. Students will learn to identify the areas of the stage, the roles, and responsibilities of theatre practitioners, and basic script-writing formats. Through theory and practice, students will become comfortable with various acting and audition techniques, and will develop their confidence as well as their appreciation for theatre and the performing arts. Students will be required to complete independent and group activities, as well as complete quizzes and tests.

Grade Level: 9-12

Creative Writing A190 0.5 Credit

This half year course, open to students in grades 9-12, is designed for the student who enjoys writing and would like to learn different writing styles. Students will write poems, plays, short stories, and comics in a variety of genres including adventure, horror, dystopian, and parody.

Grade Level: 9-12

History of Film A195 0.5 Credit

OFFERED IN THE 27/28 Academic YEAR

This half year course will be open to 10th, 11th, and 12th grade students with seniors receiving first priority. The film industry will be explored from its humble beginnings through modern day blockbusters and will include studies of pieces from various eras and genres including: the Silent Film Era, the Golden Age of Hollywood, Film Noir, Special Effects Masterpieces, Documentaries, Westerns, Science Fiction and Horror. Components of the course will include the viewing of films during class, notes, quizzes, tests and the creation of original film clips by the students. Students must have earned a 75% average for the previous year in both English & Social Studies to take this course.

Grade Level: 10-12

Public Speaking and Debate A193 0.5 Credit

This half year elective course, open to students in grades 9-12, serves as an introduction to the basic principles of public speaking and debate. In this performance-based class, students will develop their own speaking voice and style through a study of verbal and non-verbal skills. Students will write and speak for different purposes and audiences. Finally, students will study argumentation through research and writing that culminates in whole class and small group debates on contemporary issues.

Grade Level: 9-12

Yearbook A199 1.0 Credit

This yearlong course involves learning and applying skills that result in a student-driven publication, the annual yearbook. Students will work as a team to produce all facets of the book, from selecting a theme and design features to taking pictures and writing captions, to marketing and sales. In doing so, students develop various skills, including graphic design, photojournalism, interviewing, journalistic-style writing, editing and revision, ad sales, and more. Students also are exposed to the ethics and principles that govern the journalism profession, and to the real-world demands of producing a publication. Because of strict publisher-set deadlines and the need to cover extracurricular activities, students enrolled must be committed to contributing time outside of the school day if necessary for deadlines or photography. Participation in the class constitutes your involvement in the production of the yearbook.
This course may be repeated for additional Credit. Priority will be given to upperclassmen.

Prerequisite: To enroll in this class, students must earn a year end average of 80% in their English class.

Grade Level: 9-12

Social Studies Department

The required course offerings in Social Studies are designed in adherence to the state standards for Civics & Government, History, Geography, and Economics. In order to meet graduation requirements, all students are required to successfully complete the Survey of U.S. History course, Global Affairs and an American government course.

The social studies elective course offerings expose students to humanities courses offered at most colleges and universities, but do not count toward the social studies graduation requirements. Credit for these courses are included in the general elective category. Students are encouraged to enroll in electives based on their post-secondary interests. Students should discuss their intentions with their parents/guardians, guidance counselor, and teachers prior to course selection.

Survey of U.S. History — A410 — 1.0 Credit

This full year course covers the history of the United States from 1850 to the present day. Students will analyze how the United States developed from a nation divided by the Civil War into a global superpower. The class will examine the contribution of the country's cultural diversity in creating modern American culture and identity. Students will analyze primary sources, research events, and consider the perspectives of different groups in society.

Prerequisite: Successful completion of World History & Geography II
Grade Level: 9

Global Affairs — 1.0 Credit

Global Affairs is a yearlong course focusing on the development of a global perspective through the study of world history, culture and contemporary issues. The course teaches students to methodically, yet creatively, think, research and write. The class is designed to help students find and appropriately examine sources and use the evidence found to make well-supported claims about people and events of the past, as well as current issues. The course prepares students to be informed citizens by teaching them to investigate the world, recognize different perspectives, communicate ideas effectively, and take action.

Grade Level: 10

AP United States History — A455 — 1.0 Credit

Advanced Placement United States History is a full year weighted elective course. This course is designed in conformity to the College Board standards, providing college instruction in a secondary environment. The course material covers the Colonial Period to 21st Century America. Students will study and discuss the economic, political, and social history of these periods. *A research paper and summer reading assignment are required for this course.*

Prerequisite: 85% or higher in Global Affairs. In order to receive weighted Credit, students must participate in the AP testing program

Grade Level: 11-12

American Government — A425 — 1.0 Credit

American Government is designed to meet state standards, while providing greater depth to the course material. The content of the course will focus on the structure of the American government and the fundamentals of economics. The philosophy and operations guiding the U.S. political and economics systems will be presented to assist students in making useful decisions impacting society today.

Grade Level: 11-12

Scholars American Government A430 1.0 Credit

Scholars American Government is a full year 4.5% weighted course, which satisfies the graduation requirement for this subject. Scholars American Government is designed to meet the state standards, while providing greater depth to the course material. The content of the course will focus on the American government and the fundamentals of economics. The curriculum will be supported by current political and economic topics as they relate to class content. The philosophy and operations guiding the U.S. political and economic system will be presented to aid students in making useful decisions impacting society today. Development of written and verbal communication skills will be emphasized.

Prerequisite: Students that score 70% or higher in Global Affairs

Grade Level: 11-12

AP United States Government and Politics A460 1.0 Credit

Advanced Placement United States Government & Politics is a full year weighted course that adheres to the PA state standards and meets the curriculum requirements, in lieu of American Government & the Economy, for graduation. It is designed in conformity to the College Board standards, providing college instruction in a secondary environment. The course provides an analytical perspective on government and politics in the United States. It also involves both the study of general concepts used to interpret U.S. politics and economics, as well as analysis of specific case studies. It requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. *A research paper and summer reading assignment are required for this course*.

Prerequisite: 85% or higher in Global Affairs

Grade Level: 12

American Pop Culture A440 0.5 Credit

This semester course is open to all students grades 10-12. The course will cover various components of popular culture to include all forms of celebrity, sports, fashion, media and the influence of technology. Students will examine the social, political, economic, as well as historical context of popular culture.

Prerequisite: Successful completion of Survey of U.S. History.

Grade Level: 10-12

Psychology: Personality and Development A470 0.5 Credit

Psychology I is a half year course that establishes a foundation of psychology by examining theories of personality, various types of development, sensation, and perception, thinking and intelligence, memory, and learning. Foundational theorists and multiple schools of psychological study will be explored to explain human behavior.

Prerequisites: Successful completion of Survey of U.S. History.

Grade Level: 10-12

Psychology: Behavior and Mental Health A465 0.5 Credit

Psychology II is a half year course that continues to build on the foundation of psychology and will also examine abnormalities and dysfunctions that impact a person's quality of life and existence in society. Students will explore the science of the human brain, consciousness, and mental states. They will also examine psychological disorders, approaches to treatment and therapy, and how emotions and stress can impact health.

Prerequisites: Successful completion of Psychology: Personality and Development

Grade Level: 10-12

AP Psychology A475 1.0 Credit

This full year course introduces students to the systemic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences , treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.

85% or higher in Global Affairs. In order to receive weighted Credit, students must participate in the AP testing program

Grade Level: 11-12

Sociology A480 0.5 Credit

OFFERED IN THE 27/28 Academic YEAR

Sociology is the study of structures and functions of human groups and the social agents that influence movements and change in society. The students will examine cultural characteristics, stratification systems, deviance in society, and social theories defining norms of groups. Foundational theory, current data and field research trends and topics will be explored throughout the half year course.

Prerequisite: Successful completion of Survey of U.S. History.

Grade Level 10-12

Introduction to Criminal Justice A485 0.5 Credit

Introduction to Criminal Justice is a half year elective designed to provide an overview of the justice process and the criminal justice system in general. Concepts of crime, deviance and justice will be discussed and general theories of criminal behavior will be examined. Individual rights of a democratic society will be explored, as well as the legal definitions of various crimes. Students will examine the organization and operation of law enforcement, the juvenile justice and corrections systems.

Prerequisite: Successful completion of Survey of U.S. History.

Grade Level: 11-12

Holocaust, Genocide and Human Rights A491 0.5 Credit

OFFERED IN THE 27/28 Academic YEAR

Holocaust, Genocide and Human Rights is a semester course open to all students grades 10-12. The course provides the student with the opportunity to study the conditions, causes, implementation and aftermath of the Holocaust. Students will compare the Holocaust to subsequent genocides that have taken place globally before and after. Among the themes explored will be why and how such a crime against humanity could occur, the definition of human rights in a global society and what can be done to prevent future genocides from occurring. This course aims to assist students in developing an understanding of the consequences of prejudice, racism and stereotyping in any society. Prerequisite: Successful completion of Survey of U.S. History

Grade Level: 11-12

Mathematics Department

The Carlynton Math Curriculum is aligned with Pennsylvania's Core Standards and taught through three core courses: Algebra 1, Geometry, and Algebra 2. In addition, topics from logical reasoning, measurement, probability, statistics, discrete math, and functions are interwoven throughout each. Scholar courses offer a faster pace, greater challenge, and more mathematical theory. Additional advanced mathematics opportunities are available for students progressing beyond Algebra 2.

Algebra I A230 1.0 Credit

Algebra 1 is a full year course designed to follow Math 8. Algebra 1 consists of the study of numbers and operations, functions, solving equations and inequalities, and graphing linear functions and inequalities. There is also an emphasis on probability and statistics, systems of equations, laws of exponents, and polynomials.

Prerequisite: Successful completion of Math 8.

Grade Level: 9-11

Geometry A235 1.0 Credit

Geometry is a full year course that places an emphasis on logical reasoning in conjunction with proofs and problem solving, and analysis and communication using two and three-dimensional figures. Students will cover points, lines, planes, angles, reasoning and proofs, perpendicular and parallel lines, congruent triangles, quadrilaterals, proportion and similarity, right triangles, circles, polygons, area, volume, and coordinate geometry.

Prerequisite: Successful completion of Algebra I.

Grade Level: 9-11

Scholars Geometry A240 1.0 Credit

Scholars Geometry is a full year course that places emphasis on logical reasoning in conjunction with proofs, problem solving, and analyzing and communicating using various two- and three-dimensional figures. Students will study points, lines, planes, angles, perpendicular and parallel lines, congruent triangles, quadrilaterals, proportion and similarity, right triangles, circles, polygons, area, volume, and coordinate geometry. The students will apply reasoning and proof to basic and advanced geometric concepts throughout the course.

Prerequisites: This course is recommended for students who have successfully completed Scholars Algebra 1 with a grade of 80% or higher. Students must earn a proficient or advanced on the Algebra 1 Keystone Exam

Grade Level: 9-11

Algebra II A245 1.0 Credit

Algebra II is a full year course that consists of the study of linear, quadratic, and polynomial functions. Each of these functions will be graphed, visually interpreted, and applied to real-world situations. Students will learn to compute with radicals, exponentials and logarithms.

Prerequisites: This course is recommended for students who have successfully completed Geometry.

Grade Level: 10-12

Scholars Algebra II A250 1.0 Credit

Scholars Algebra II is a full year course that consists of the study of linear, quadratic, and polynomial functions. Each of these functions will be graphed, visually interpreted, and applied to real-world situations. Students will learn to compute with radicals, exponentials, logarithms, and rationals. In addition to a slightly different content, this course has a swift pace and more rigor than Algebra 2.

Prerequisites: This course is recommended for students who have successfully completed Geometry-S with a grade of 80% or higher.

Grade Level: 10-12

Algebra III/Trigonometry A255 1.0 Credit

Trigonometry will expand upon the geometric and algebraic topics from Algebra 2 and Geometry. The full year course will start with functions, conics, and rationals. These Algebra topics will be used throughout the rest of the course. Once these topics are covered, a comprehensive study of trigonometry will begin. This study will begin with angles as they relate to the six trigonometric functions. Then graphing trigonometric functions, trigonometric identities, and solving trigonometric equations will be studied. The course will finish with a study of applications of solving triangles using trigonometric functions.

Prerequisites: This course is recommended for students who have successfully completed Algebra 2.

Grade Level: 11-12

CHS Statistics A260 1.0 Credit

Statistics is the science of designing studies, gathering data, and then classifying, summarizing, interpreting, and presenting these data to explain and support the decisions that are reached. Statistics is useful in many other disciplines, including Business, Psychology, Sociology, and Biology. This full year course places an emphasis on understanding statistical procedures and interpreting their results. Students who enroll in statistics have the option of also enrolling in the College in High School Program through the University of Pittsburgh. This program allows students to earn 4 college Credits for STAT 0200 at Pitt. The cost for tuition for this class is determined by the University of Pittsburgh.

Prerequisites: This course is recommended for students who have successfully completed Algebra 2.

Grade Level: 11-12

CHS Pre-Calculus A265 1.0 Credit

Pre-Calculus is a full year course that has two concentrations. First, there is a comprehensive study of trigonometry, including the applications of solving triangles, graphing trigonometric functions, and the study of trigonometric identities. Second, there is a study of various analytical geometry topics, including conics, logarithmic and exponential functions, and other topics. The goal of the course is to prepare the students to take Calculus. *A summer assignment is required.*

Prerequisites: This course is recommended for students who have successfully completed Algebra 2-S with a grade of 80% or higher or have successfully completed Algebra 2 with a grade of 90% or higher.

Grade Level: 11-12

AP Calculus A270 1.0 Credit

This full year course is AP Calculus AB. The syllabus for the course has been approved by College Board, and will follow the curriculum topics published on the apcentral.collegeboard.com website. Calculus is essentially composed of three main concepts – limits, derivatives, and integrals. This course requires that students have a solid background in algebra, geometry, trigonometry, and analytic geometry. A summer assignment is required.

Prerequisites: Successful completion of Pre-Calculus with a grade of 80% or higher.

Grade Level: 12

Quantitative Reasoning A275 0.5 Credit

This course is designed to help students develop adaptable, creative, and analytical thinking skills that can be applied to any field or challenge. Through the exploration of topics such as logic, paradoxes, game theory, riddles, and strategic puzzles, students will learn how to approach unfamiliar problems, analyze complex situations, and design effective solutions. Emphasizing reasoning over rote memorization, the course encourages curiosity, collaboration, and innovative thinking. By the end of the program, students will have built a versatile toolkit for tackling real-world problems and navigating the uncertain demands of the future with confidence and creativity.

Grade Level: 10-12

Science Department

The science department recognizes that students differ in interests and abilities. It has, therefore, designed different levels of study for Carlynton students. The requirements for graduation from Carlynton Junior-Senior High School are only three credits in science; however, the students are encouraged to pursue the study of science throughout their four years in high school. The scientific background needed by a student depends upon the career area in which the student is interested. Students should discuss their interests with their parents, teachers, and guidance counselor before selecting the appropriate science courses. Careful initial screening and monitoring are extremely important for the proper placement of students in the Science Program. Counselors will work with the students, parents, and teachers using student interests, prior grades, achievement test scores, and teacher recommendations in assigning and monitoring student placement. Any student who does not meet the prerequisite requirement for all Advanced Placement sciences will be moved to an available academic or scholars level science course.

Biology A310 1.2 Credit

This is a full year course in Biology designed to provide students with the necessary skills to score proficient or advanced on the state Keystone Exams. The areas of study during the first semester will adhere to the assessment anchors and eligible content specified for Module A of the Keystone Exams (Cells and Cell Processes). These include: Basic Biological Principles, The Chemical Basis of Life, Bioenergetics and Homeostasis and Transport. The 2nd Semester's areas of study will reflect the assessment and eligible content specified for Module B of the Keystone Exams (Continuity and Unity of Life). These include: Cell Growth and Reproduction, Genetics, Theory of Evolution and Ecology. This course may contain content, reinforcement, discussions, laboratory investigations, evaluations, and enrichments that meet the standards. Homework, class activities, quizzes, tests, and labs will all be used in the grading process. All students must pass this course and score proficient or above on the corresponding Keystone Biology exam to meet graduation requirements.

Grade Level: 9-11

Biology A A311 1.0 Credit

This is a full-year Biology course designed to equip students with the necessary skills to achieve proficient or advanced scores on the state Keystone Exam. The first semester Biology A will focus on the assessment anchors and eligible content specified for Module A of the Keystone Exams (Cells and Cell Processes). Key topics include Basic Biological Principles, The Chemical Basis of Life, Bioenergetics, Homeostasis and Transport. Biology A does not contain a lab.

Grade Level: 9

Biology B A312 1.0 Credit

This is a full-year Biology course designed to equip students with the necessary skills to achieve proficient or advanced scores on the state Keystone Exam and build off of Biology B. Students will study the assessment and eligible content for Module B of the Keystone Exams (Continuity and Unity of Life), covering Cell Growth and Reproduction, Genetics, Theory of Evolution, and Ecology. Biology B does not contain a lab.

Grade Level: 10

Scholars Biology 9 A315 1.2 Credit

This is a full-year Biology course designed to equip students with the necessary skills to achieve proficient or advanced scores on the state Keystone Exam. The first semester will focus on the assessment anchors and eligible content specified for Module A of the Keystone Exams (Cells and Cell Processes). Key topics include Basic Biological Principles, The Chemical Basis of Life, Bioenergetics, Homestasis and Transport. In the second semester, students will study the assessment and eligible content for Module B of the Keystone Exams (Continuity and Unity of Life), covering Cell Growth and Reproduction, Genetics, Theory of Evolution, and Ecology.

Throughout the year, the students will engage in content reinforcement, discussions, laboratory investigations, evaluations, and enrichment activities that align with the standards. They will also develop analytical skills such as predicting, describing, explaining, constructing and analyzing graphs, and describing trends within their data to support claims. Homework, class activities, quizzes, tests, and labs will all contribute to the grading process. It is essential for all students to pass this course and score proficient or above on the corresponding Keystone Biology exam to meet graduation requirements.

Prerequisites: The student must have previously taken Scholars Algebra 1 and Science 8. The student must have received a minimum of 85% grade in those courses.

Grade Level: 11-12

AP/CHS Biology A320 1.4 Credit

This course will meet the requirements of both the Advanced Placement Biology curriculum designed by College Board and the curriculum for Robert Morris University College in High School Biology. This is a full year course designed to be comparable to the freshman course offered at most universities. As a result, students taking this course must follow a strict standard syllabus. The topics emphasized in the course are chemistry of life, cells, cellular energetics, cell communication and cell cycle, heredity, gene expression and regulation, natural selection and ecology. The entire course is organized into four big ideas: Evolution, Energetics, Information Storage and Transmission and System Interactions.ganized into the following three main topics: Molecules and Cells - Heredity and Evolution - Organisms and Populations. Students who enroll in this course have the option of enrolling in one or both of the following options: the College in High School Program through Robert Morris University and/or taking the AP Exam at the end of the course.

Prerequisites: Students must have completed Biology and Chemistry with a grade of 85% or higher. A summer assignment will be required. Students also must score proficient or advanced on the Biology Keystone exam.

Grade Level: 11-12

Integrated Science A325 1.0 Credit

Integrated science will cover biology, physics and chemistry. The course will focus on biology concepts from the beginning of the year through the first wave of Keystone exams in December. Students will take the Biology Keystone in December. Following the Keystone exam the second portion of the year will focus on physics with the topics of motion and forces, energy, and waves. The third portion of the year will focus on chemistry with the topics of matter, reactions and applications of chemistry.

Prerequisites: Successful completion of Biology and Basic or Below Basic on Biology Keystone.

Grade Level: 10-11

Earth and Geological Science A330 1.0 Credit

This course may contain content, reinforcement, discussions, laboratory investigations, evaluations, and enrichments that meet the Academic Standards for Science and Technology. The course includes the study of physical geology, historical geology, oceanography, meteorology, environmental resources, and astronomy. Laboratory techniques are developed through directed laboratory experiments.

Prerequisites: Students must have successfully completed Biology and passed the Keystone, or successfully completed Biology and completed the Integrated Science course.

Grade Level: 10-12

Scholars Chemistry A340 1.2 Credit

Chemistry is a full year course that explains the structure and composition of matter and the various changes that matter undergoes. It explores the properties, trends, and behaviors of the elements of the periodic table. Topics will include, but not be limited to, nomenclature, chemical equations, bonding, and behavior of gasses, energy exchanges, and intensive applications of mathematics. The laboratory tasks develop proper techniques through directed experiments utilizing computers and other specialized equipment. This course may contain research papers, various activities, and projects that meet the Academic Standards and are used for evaluation purposes. This is a full year course.

Prerequisites: Chemistry is open to students in grades 10 who have passed Biology, have completed Algebra I with a minimum grade of 82% and who have completed or are concurrently taking Algebra 2. Grade Level: 10-12 This course is also open to students in grades 11 and 12 who have completed both Algebra I with a minimum grade of 82% or have passed Algebra I and Algebra 2 or are concurrently taking Algebra 2. All students regardless of grade level must also must score proficient or advanced on the Biology Keystone Exam or successfully completed Integrated Science.

Grade Level: 10-12

Organic Chemistry A345 0.5 Credit

Organic chemistry is a half year course designed for students considering careers in science, nursing and other medical careers. This course is an introduction to carbon based compounds. The course may contain labs, quizzes, tests, projects, and papers for evaluation purposes. Topics may include but not be limited to: nomenclature and drawing of functional groups, isomerism, stereochemistry and mechanisms of reactions involving various function groups but with emphasis on reactions involving alkenes, alkynes, alcohols, aldehydes, ketones, carboxylic acids and esters.

Prerequisites: This course is open to students that have completed Chemistry with a grade of 80% or higher and with the recommendation of the instructor.

Grade Level: 11-12

CHS Chemistry A350 1.4 Credit

College in High School Chemistry is a full year college level course. This course will cover the fundamental principles of chemistry in depth with an emphasis on reasoning and problem solving. The course will develop the students' ability to incorporate mathematical skills in the solution of chemistry problems, both through the use of written problems and laboratory activities. Topics of study include: atomic theory and structure, stoichiometry, chemical reactions, gasses, liquids, and solids, solutions, kinetics, chemical equilibrium, acids and bases, thermochemistry, and electrochemistry. Students choosing this course should be aware of required summer readings and assignments. Failure to complete required summer preparation will significantly affect the students first nine-week grade during the following academic year. Students who enroll in this course have the option of also enrolling in the college in High School Program through Robert Morris University. The program allows students to earn 4 college Credits for CHEM 1210 (lecture-3 Credits) and CHEM 1215 (lab-1 Credit).

Prerequisites: This course is open to students in grades 11 and 12 who have passed Chemistry and Algebra 2 with a grade of 85% or higher. Students must also score proficient or advanced on the Biology Keystone Exam.

Grade Level: 11-12

Physics I A355 1.0 Credit

Physics I is a full year course that provides the student with an organized and logical presentation of the basic concepts and principles of physics through a broad range of interesting applications to the real world. Each major topic will be introduced by demonstration followed by student application of the concepts through laboratory work, mathematical problem solving, and discussion of critical thinking questions. Tools used will include, but are not limited to, computers, computer simulation, multimedia presentation, and graphical software to help reinforce these concepts. Physics I may include units on kinematics, Newton's Laws, Rotational motion, planetary motion, energy, simple machines, and momentum. This course may contain research papers, various activities, and projects that meet the Academic Standards and are used for evaluation purposes.

Prerequisites: This course is open to students in grades 11 and 12 who have completed Algebra 2 with a final grade of 70% or higher and have taken or are concurrently taking Trigonometry or Pre- Calculus.

Grade Level: 11-12

Physics II A360 1.0 Credit

Physics II is a full year course that will involve an in-depth study of concepts and principles of Physics through a broad range of interesting applications to the real world. Each major topic will be introduced by demonstration followed by student application of the concepts through laboratory work, mathematical problem solving, and discussion of critical thinking questions. Tools used will be, but are not limited to, computers, computer simulation, multimedia presentation, and graphical software to help reinforce these concepts. Physics II may include units on sound, light, magnetism, thermodynamics, nuclear electricity, and relativity. This course may contain research papers, various activities, lab reports, and projects that meet the Academic Standards and are used for evaluation purposes.

Course Requirements: Successful completion of Physics I with a grade of 83% or higher.

Grade Level: 12

Meteorology A365 0.5 Credit

This half year course may contain evaluations, activities, and projects that meet the Academic Standards for Science and Technology. The course emphasizes the study of meteorology; the areas of study may include origin structure and composition of the atmosphere, weather elements, weather systems, and weather forecasting. Laboratory techniques are developed through directed experiments.

Prerequisites: This course is open to students in grades 11 and 12 who have successfully completed Earth and Geological Sciences or Chemistry.

Grade Level: 11-12

Human Anatomy and Physiology A370 0.5 Credit

This half year course is designed to cover the major human body systems. It is especially relevant for students who may be interested in a health related career. The goal is to provide students with a basic understanding of the structure, functions and disease process associated with the human body. Emphasis will be placed on medical terminology and procedures. Students will also become aware of the many health- related and medical career options available for them to pursue. There are numerous lab activities integrated into this course.

Grade Level: 11-12

Environmental Science A375 0.5 Credit

This half year course explores the current state of our environment with two main goals:

1. Explore how humans interact with the environment
2. Find ways to deal with environmental problems and live more sustainably.

Students will learn about climate change, biodiversity, population dynamics, pollution and energies. Students will evaluate the relative risk associated with environmental problems (both natural and man-made) and examine alternative solutions for resolving and/or preventing them.

Prerequisites: This course is open to students in grades 11 and 12 who have passed Earth and Geological Science or Chemistry.

Grade Level: 11-12

Science in the News A380 0.5 Credit

Students will be studying current science events of the nation and world as they happen in this half year course. Multi-media will be used on a regular basis, newspapers, social media, magazines, journal articles, documentaries, etc. will be used as a basis for the course. This course will allow the students to investigate and experience learning about topics as they are occurring in our world.

Grade Level: 11-12

Health and Physical Education

The Carlynton High School Health and Physical Education program is designed to provide students with knowledge of overall health practices and lifestyle choices that promote personal health and wellbeing throughout life. All students are required to dress appropriately for physical education activities. Students will have access to the locker rooms to change into appropriate attire if need be. Lack of participation in physical education activities will result in loss of Credit for the day. Appropriate attire includes:

- Athletic Shoes
- Recommended clothing attire includes t-shirts, shorts, sweatshirts, and sweatpants.

Medically Excused Students - Should a physician deem it necessary that a student must be excused for a long term medical condition an attempt will be made to place the student in modified activities with the physician's approval. Should the student be medically excused from all physical activity the student will be assigned an assignment that is aligned to the learning activities of their regular physical education class. When a student is able to return to physical activity a physician's medical release MUST be presented to the physical education department before any activity will be permitted.

Physical Education 9 A808 0.5 Credit

This half year course is designed for all students in grade 9 to meet the physical education requirement for graduation. Students will be able to apply sport and game strategies to complex games and physical activities as well as describe and apply the components of health-related and skill-related fitness to movement performance. Instruction and learning activities will focus on the effects of regular participation in physical activity on adolescent health improvement, motor skill improvement, and the principles of training. This class will take place on opposite days of Science Labs.

Grade Level: 9

Physical Education 10-12 A810 0.5 Credit

This half year course is designed for all students to meet the physical education requirement for graduation. Students will be able to apply knowledge of movement skills, health-related and skill-related fitness, and movement concepts to identify and evaluate physical activities that promote personal lifelong participation. Instruction and learning activities will focus on factors that affect the responses of body systems during physical activity, the social, physiological and psychological effects of regular participation in physical activity, evaluating factors that affect physical activity and preferences of adults, the application of game strategies for different categories of physical activities. The effects of positive and negative interactions of adolescent group members, practice strategies for skill improvement, lifetime physical activity participation and the application of scientific and biomechanical principles to movement.

Grade Level: 10-12

Health A812 0.5 Credit

Health is required for graduation. This course evaluates factors that impact growth and development, the body systems, nutrition, addiction- including drugs, alcohol, and tobacco prevention.Mental health and its effects on physical, emotional, and social health are discussed as they relate to past, present, and future experiences. Topics that relate and prepare students for adult health, consumer choices, environmental factors, and community health are discussed throughout each unit.

Grade Level: 9-12

Strength Training 10-12 A815 0.5 Credit

This half year course is designed for students in grades 10 through 12 who wish to design, implement, and apply a strength conditioning program that can be utilized as part of a lifetime fitness plan. Emphasis in this course will be placed on the individual needs of each student and exercise programs will be tailored to meet those individual needs. Note: This course can be taken more than once in addition to the graduation requirement of completing physical education Credit requirement.

Grade Level: 10-12

Peer to Peer Physical Education A820 0.5 Credit

This half year course is designed for students who want to work in a peer to peer learning environment. Emphasis will be placed on developing, improving, and enhancing the student's physical, emotional, and social fitness through partnering students with varied abilities. Students will be responsible for participating in various lifetime fitness activities designed to assist students with challenges in these areas. Benefits of this class include an expanded circle of friends, activities outside of class, and opportunities for community-based learning experiences.

Grade Level: 9-12

World Languages

World Language courses develop students' ability to communicate effectively in languages other than English while deepening their understanding of global cultures and perspectives. Through listening, speaking, reading, and writing, students build language proficiency, cultural awareness, and critical thinking skills. World Languages prepare students for college, careers, and citizenship in an increasingly interconnected world by fostering communication skills, adaptability, and appreciation for cultural diversity.

Spanish I A710 1.0 Credit

Spanish I is a full year course designed to introduce students to the fascinating world of learning Spanish. The ultimate goal of learning a language is to be able to communicate with different peoples and cultures foreign to our own and to function in an environment that speaks that language. Therefore, basic grammar and conversation is taught through accomplishing real world tasks in conjunction with learning about the cultures of the Spanish-speaking world. The lessons and thematic units will revolve around the ACTFL National Foreign Language Standards. The focus of this course and the program is on proficiency in the language in all areas. Emphasis is placed on further building Spanish vocabulary, oral communication in real life situations, cultural understanding and awareness, listening comprehension, writing proficiency and the skills to succeed in a Spanish II course.

Students may elect to take Spanish I or French I in place of Reading 8 if they meet the following requirements: Passing the ELA PSSA in Grade 7 with a score of Proficient or Advanced AND earning a year end average (Y1 percentage) of at least 80% in BOTH English 7 and Reading 7.

Prerequisites: This course is open to students in grades 9-12 who have achieved a 70% or higher in English.

Grade Level: 9-12

Spanish II A715 1.0 Credit

Spanish II is a full year course designed to serve as a reinforcement course of what was learned in Spanish I, as well as, a building block for a more detailed language experience. The ultimate goal of learning a language is to be able to communicate with different peoples and cultures foreign to our own and to function in an environment that speaks that language. Therefore, conversation is taught through accomplishing real world tasks in conjunction with learning about the cultures of the Spanish-speaking world. The lessons will revolve around the ACTFL National Foreign Language Standards. The focus of this course and the program is on proficiency in the language in all areas. Emphasis is placed on communication skills in real life situations, reading and writing ability, cultural understanding and awareness, listening comprehension, writing proficiency and the skills to succeed in CHS Spanish III.

Prerequisites: This course is open to students who have achieved a 70% or higher in Spanish I.

Grade Level: 9-12

CHS Spanish III A720 1.0 Credit

CHS Spanish III is a full year course that is designed for those students who have successfully completed Spanish I and Spanish II. CHS Spanish III is designed for the self-driven student of Spanish. This is a college level course between Carlynton and La Roche College. Upon successful completion of this class, with a "C" or above, you can earn Carlynton elective Credits as well as four college level Credits! The focus of this course and the program is on proficiency in the language in all areas. A more detailed approach will sharpen students' skills in reading, writing, listening and oral communication in real situations, cultural understanding and awareness. Among many topics students will be introduced to bullfighting, Spanish and Hispanic art and artists of the Spanish-speaking world. The ultimate goal of learning a language is to be able to communicate with different peoples and cultures foreign to our own and to function in an environment that speaks that language. Therefore, conversation is taught through accomplishing real world tasks in conjunction with learning about the cultures of the Spanish-speaking world. Thus, we will be communicating with students in Spanish-speaking countries via email through an organization called

E-PALS. The lessons will revolve around the ACTFL National Foreign Language Standards. Emphasis is placed on challenging the student to master the skills necessary to attain an “Intermediate-Mid" level of proficiency in all areas based on the ACTFL proficiency scale, the skills necessary to be successful in CHS Spanish IV, as well as, becoming a life-long learner of Spanish.Summer reading is a required element of this course. Students will read one Spanish novel during the summer *before* this course.

Prerequisites: This course is open to students who have achieved a 70% or higher in Spanish II. (To receive college Credit a student must have a cumulative GPA of 3.0 or higher and be a sophomore, junior or senior. Any student may take this course without the college Credit option.) This course has a weighted grade of 9 percentage points.

Grade Level: 9-12

CHS Spanish IV A725 1.0 Credit

CHS Spanish IV is a full year course that is designated for the advanced Spanish student who has successfully met all requirements in Spanish I, Spanish II, and CHS Spanish III. This is a college level course between Carlynton and La Roche College. Upon successful completion of this class, with a “C” or above, you can earn Carlynton elective Credits as well as three college level Credits! The focus of this course and the program is on proficiency in the language in all areas. Extensive work is required in reading, writing, grammar, listening comprehension, high level oral communication, and knowledge of Hispanic and Spanish literature and art. The goal of learning a language is to be able to communicate with different peoples and cultures foreign to our own. Therefore, conversation is taught through accomplishing real world tasks in conjunction with learning about the cultures of the Spanish-speaking world. Thus, we will be communicating with students in Spanish-speaking countries via email through an organization called E-PALS. The lessons will revolve around the ACTFL National Foreign Language Standards. Emphasis is placed on challenging the student to master the skills necessary to attain an “Intermediate-Mid/Intermediate High” level of proficiency in all areas based on the ACTFL proficiency scale, the skills necessary to be successful in CHS Spanish V, as well as, becoming a lifelong learner of Spanish. Summer reading is a required element of this course. Students will read one Spanish novel during the summer *before* this course.

Prerequisites: This course is open to students who have achieved a 70% or higher in CHS Spanish III. (To receive college Credit a student must have a ‘cumulative GPA of 3.0 or ‘higher and be a sophomore, junior or senior. Any student may take this course without the college Credit option.) This course has a weighted grade of 9 percentage points.

Grade Level: 11-12

CHS Spanish V A730 1.0 Credit

CHS Spanish V is designated for the very advanced Spanish student who has successfully met all requirements in Spanish I, II, CHS Spanish III and CHS Spanish IV. This is a college level course between Carlynton and La Roche College. Upon successful completion of this class, with a “C” or above, you can earn Carlynton elective Credits as well as three college level Credits! Extensive work is required in reading, writing, grammar, high level oral communication, listening comprehension and knowledge of Hispanic and Spanish cooking, literature, current political, economic and social concerns. The goal of learning a language is to be able to communicate with different peoples and cultures foreign to our own. Therefore, conversation is taught through accomplishing real world tasks in conjunction with learning about the cultures of the Spanish-speaking world. The lessons will revolve around the ACTFL National Foreign Language Standards. Emphasis is placed on challenging the student to master the skills necessary to attain an “Intermediate High/Advanced Low” level of proficiency in all areas of the language based on the ACTFL proficiency scale, as well as, becoming a life-long learner of Spanish. Summer reading is a required element of this course. Students will read Spanish novels during the summer before this course.

Prerequisites: This course is open to students who have achieved a 70% or higher in CHS Spanish IV. (To receive college Credit a student must have a cumulative GPA of 3.0 or higher and be a sophomore, junior or senior. Any student may take this course without the college Credit option.) This course has a weighted grade of 9 percentage points.

Grade Level: 12

French I A735 1.0 Credit

This full year course provides an introduction to the French language and culture of French speaking countries. Emphasis is placed on listening, speaking, reading, and writing French. In it, students will communicate in French as often as possible and demonstrate an understanding of practices, products, and perspectives of cultures of French-speaking areas.

Prerequisites:This course is open to students in grades 9-12 who have achieved a 70% or higher in English.

Grade Level: 8-12

French II A740 1.0 Credit

This full year course provides further opportunity for speaking, listening, reading, and writing French. In it, students will communicate in French at a more advanced level and demonstrate a further understanding of the practices, products, and perspectives of the culture of French-speaking areas.

Prerequisites: This course is open to students who have achieved a 70%or higher in French I.

Grade Level: 9-12

CHS French III A745 1.0 Credit

This full year course is designed to provide more opportunities to strengthen audio-lingual skills. It will aim to increase appreciation of the French language and of the cultures of all French-speaking people. In French 3 the students will strive for satisfactory performance in listening, speaking, reading and writing. They will engage in conversations, narrations, composition writing and reading selections from a variety of target-language materials. Students will demonstrate an understanding of cultural differences in everyday life and understand the contributions native French speakers have made to the world of art, literature and music. Students' grades will earn additional weight for this honors level course. Students will have the option of earning college Credit through La Roche University's College in High School program for the coursework completed at Carlynton.

Prerequisites: This course is open to students who have achieved a 70% or higher in French 2.

Grade Level: 10-12

CHS French IV A750 1.0 Credit

French 4 is a continuation and broadening of skills learned in French 3. Emphasis is placed on communication, both oral and written. French literature (poems, and stories) will be read and discussed. Students will engage in more advanced conversation, narrate events and write journal entries. They will develop a deeper awareness of the cultures of French-speaking people around the globe. French films, short videos and music will be used to increase understanding of French language and culture. Longer audio passages will be used to help develop listening skills. Students' grades will earn additional weight for this honors level course. Students will have the option of earning college Credit through La Roche University's College in High School program for the coursework completed at Carlynton.

Prerequisites: This course is open to students who have achieved a 70% or higher in CHS French III. (To receive college Credit a student must have a 'cumulative GPA of 3.0 or 'higher and be a sophomore, junior or senior. Any student may take this course without the college Credit option.) This course has a weighted grade of 9 percentage points.

Grade Level: 11-12

CHS French V — A755 — 1.0 Credit

OFFERED IN THE 27/28 Academic YEAR

Students will have the option of earning college Credit through La Roche University's College in High School program for the coursework completed at Carlynton. The full year coursework and exams will be the same whether or not the student chooses the college option. French 5 builds on the skills learned in the previous years of study. Emphasis is placed on communication for travel, in practical situations and personal relationships. Students will be challenged to speak and write at a higher level on a regular basis. French literature (poems, a novel and stories) will be read and discussed. Readings will include non-fiction passages on the art and history of Francophone countries. Students will deepen their awareness of the cultures of French-speaking people around the globe. French films, short videos and music will be used to increase understanding of French language and culture. Longer audio passages will be used to help develop listening skills.

Prerequisites: This course is open to students who have achieved a 70% or higher in French 4.

Grade Level: 12

Art Department

Art classes are offered as electives and will integrate the study of relevant art history and appreciation materials within the framework of the specific media studied. All art classes are open to all grade levels in the high school.

Intro to Creativity and Innovation — A506 — 0.5 Credit

What is creativity? How does innovation advance modern society? Explore the definition of creativity and multiple solutions to a single artistic problem. This semester-long elective is the first art course the high school student should take and will incorporate a variety of design principles and materials in creating two and three dimensional work and making connections to real world applications. This is a half year course.

Grade Level: 9-12

Ceramics and Sculpture — A509 — 0.5 Credit

Think outside the picture frame! Not all artwork is confined to a flat surface. Explore the three-dimensional world and sculpture and clay. Ceramics can be functional or decorative. Clay can be used to create objects essential to daily life or mirror objects of beauty and can be manipulated by hand or using potter's wheels. Three-dimensional artists use traditional and non-traditional materials to create both miniature and monumental sculptures. This course will emphasize conceptual reasoning and consideration of material choice, craftsmanship, form, space, presentation, and context. This is a half year course.

Grade Level: 9-12

Craft and Mixed Media A512 0.5 Credit

What is the difference between art and craft? What is the value of handmade items versus those that are made with machines? How do available materials affect an artist's work? Craft gets a bad rap! Leave the popsicle sticks, cotton balls, and pipe cleaners behind. Embrace hot wax in batik, pulp in paper making, and recycled materials in weaving. Learn why handcrafted items are increasingly popular in contemporary society, express modern ideas, and demand high quality craftsmanship. This is a half year course.

Grade Level: 9-12

Drawing and Painting A515 0.5 Credit

Where do artists get ideas for their work? Where do artists get their inspiration? How does art communicate ideas? Did you know that anyone can learn how to draw? Leonardo Da Vinci drew what he saw and then what he imagined. Vincent Van Gogh communicated intense emotion using paint. Comic books, "graphic novels," and video games all begin with drawings. Use the tools, materials, and techniques of modern masters. Collect your inspirations in a sketchbook, experiment with new materials and tools, and refine your technical skills in creating original drawings and paintings. This is a half year course.

Grade Level: 9-12

Digital Art & Graphic Design A518 0.5 Credit

Where do we see art in everyday life? How does design, advertising, and packaging influence what we do and buy today? Graphic design combines images, words, and ideas, to communicate messages to an audience. Learn to develop solutions to real world problems and combine creative thinking with a wide range of skills using traditional and contemporary tools. This course will focus on creative problem solving while exploring current technology, such as Adobe Photoshop, Illustrator, and/or InDesign.This is a half year course.

Grade Level: 9-12

World Art History A521 0.5 Credit

OFFERED IN THE 27/28 Academic YEAR

World Art History is a semester-long study of art throughout time and continents. The half year class will move chronologically from prehistoric to present-day art. Students will conduct research, engage in class discussions, and complete projects based on art movements and eras we've reviewed in class. There is no creation of art in this course, and students will be expected to present a final research project at the end of the semester using MLA Style formatting.

Grade Level: 9-12

Peer to Peer Art A524 0.5 Credit

OFFERED IN THE 27/28 Academic YEAR

Would you like to make ART while helping your peers? This course follows the Peer to Peer format, focusing on inclusion and participation for students of all ability levels. Students work
together and side by side to express themselves creatively in applying the basic elements of art. Individuals will have the opportunity to practice motor skills such as tracing and cutting as they explore art processes using a variety of materials.

Grade Level: 9-12

Music Department

Music courses provide students with opportunities to explore, create, and perform music while developing discipline, creativity, and collaboration skills. Through both individual and ensemble experiences, students build musical literacy, performance technique, and an appreciation for diverse musical styles and traditions. Music education fosters self-expression, confidence, and teamwork, while supporting academic growth and enriching the overall school experience.

Senior High Chorus A757 1.0 Credit

Senior High Chorus is a performance-based course designed for students who are passionate about singing and vocal development. In this class, students will refine their vocal techniques, develop sight-reading skills, explore diverse choral literature, and enhance their musicality through group performance. Emphasis is placed on teamwork, musical expression, and personal growth as performers. Students will participate in school concerts, assessments, and community events, offering opportunities to showcase their skills and collaborate with peers. No prior experience is required, but a commitment to practice and participation is essential. Participation in the winter concert, spring concert, and graduation is required.

Grade Level: 9-12

Popular Music Ensemble A763 1.0 Credit

OFFERED IN THE 27/28 Academic YEAR

Explore the vibrant and diverse world of contemporary popular music in this dynamic high school ensemble. Designed for music enthusiasts and aspiring performers, the Popular Music Ensemble course offers an exciting opportunity to develop your musical skills while immersing yourself in the world of today's most influential and engaging songs. This is a full year course.

Grade Level: 9-12

Class Piano A766 0.5 Credit

Class Piano offers students a comprehensive introduction to the art of playing the piano. The course is self-paced and adaptable to students of all experience levels. Students will explore the world of music through the piano, developing both technical proficiency and a deep appreciation for the art of creating music.

Grade Level: 9-12

Percussion Ensemble A769 1.0 Credit

This course will emphasize the elements of music with a focus on performance. The student will learn to read, perform and manipulate the musical elements involved in the percussion ensemble repertoire. There will be special emphasis placed upon snare, mallet, and timpani technique, in addition to a variety of auxiliary percussion techniques. Marching band members in grades 9 – 12 who play a percussion instrument are required to enroll in Percussion Ensemble.

Prerequisites: Percussion Ensemble is open to students in grades 9 through 12 who were members of the Junior High or Senior High Concert Band, invited by the director to register for the course, or successfully auditioned for placement in the course. Students must be able to read music and be a percussionist. Enrollment in the concert band is not required.

Grade Level: 9-12

Digital Music Production A772 0.5 Credit

Digital Music Technology introduces students to music production and sound design using modern tools. Students will learn to use digital audio workstations (DAWs) for creating and editing music, work with MIDI, and explore mixing techniques. Through hands-on projects, students will produce their own tracks and experiment with different styles. No prior experience is needed, making this course great for anyone interested in music and technology. This is a half year course.

Grade Level: 9-12

Music Theory A775 0.5 Credit

Music Theory is a full year course that helps students understand the basics of how music works, covering topics such as rhythm, melody, harmony, and music notation. Students will learn about scales, chords, key signatures, and how to analyze and create music. The course also includes ear training to improve listening skills. This class is great for students who want to improve their musical knowledge or prepare for advanced music studies. Prerequisites: The ability to read music is required. Enrollment in the concert band or chorus is NOT required.

Prerequisites: The ability to read music is required. Enrollment in the concert band or chorus is NOT required.

Grade Level: 9-12

Senior High Band A778 1 Credit

This course will emphasize the elements of music with a focus on scales. The student will learn to read, perform, and manipulate the musical elements involved in the concert and wind ensemble repertoire.
Prerequisites: Senior High Band is open to all students in grades 9 through 12 who were members of the Junior High Concert Band, invited by the director to register for the course, or successfully auditioned for placement in the course.

Family and Consumer Sciences Department

Family and Consumer Sciences courses prepare students with essential life skills that support personal well-being, academic success, and career readiness. Through hands-on, real-world learning experiences, students develop practical skills in areas such as nutrition and wellness, financial literacy, personal responsibility, and decision-making. FCS courses emphasize critical thinking, problem-solving, and independence, helping students make informed choices and successfully navigate everyday challenges at home, school, and beyond.

Parenting and Infant Development A651 0.5 Credit

This half year course deals with the study and care of children from conception and prenatal development to 1 year of age. The emotional, social, physical, intellectual, and moral development of a child is studied. Research on different

parenting styles as well as development of positive parenting skills. In addition to the regular course of study, students are required to complete an independent research project.This course will address the needs of students according to the PA F&CS Standards 11.4.9: Child Development.

Grade Level: 10-12

Early Childhood Development A656 0.5 Credit

This half year course is designed as a continued study of the child, as well as, the emotional, social, physical, intellectual, and moral development of children beyond the age of 5 years. Emphasis will be placed upon the continued development of positive parenting skills, parenting children with special needs, and examining careers relating to children. This course will also offer the American Red Cross Babysitting Certification.This course will address the needs of students according to the PA F&CS Standards 11.4.12: Child Development.

Grade Level: 9-12

Interior Design and Sewing A661 0.5 Credit

This course will consist of the study of home types and planning suitable decorations and furnishings for different areas in the home. Emphasis will be placed upon color and design elements, principles of design, furniture styles, and accessory selection and placement. The student will design a floor plan and apply color schemes, fabric selection, accessories, and a general design scheme for a bedroom final project. Students will also be required to complete a project decided on collectively as a class. Students will also be introduced to basic sewing techniques. This includes choosing fabrics, patterns and implementing a project. This course will address the needs of students according to the PA F&CS Standards 9.1.12 Arts and Humanities, Visual Arts.

Grade Level: 9-12

Independent Living A657 0.5 Credit

This half year course covers problems confronting a young adult today and becoming prepared to face the challenges of living on their own. Students will study career and workforce preparation, personal finance and money management, housing decisions and living with others, as well as decision-making skills in the areas of meal planning and setting up a household. This course will address the needs of students according to the PA F&CS Standards 11.2.12: Balancing Family, Work, and Community Responsibility.

Grade Level: 12

Teen Living A671 0.5 Credit

This course is designed for students to prepare for their future after high school and beyond. Areas included in the course of study are food preparation, nutrition, babysitting, interior design, personal finance. Students will explore each of these areas by completing projects, activities and cooking labs to enhance their learning as well as application in their daily lives. This course will address the needs of students according to the PA F&CS Standards 11.2.9: Balancing Family, Work, and Community Responsibility.

Grade Level: 9-12

CHS Nutrition A676 0.5 Credit

This course provides a comprehensive overview of the scientific principles of nutrition and their application to human health across the entire lifespan. Using a curriculum developed by the University of Pittsburgh, students will explore how nutritional needs change from infancy through adulthood and into older age, and how diet impacts growth, development, and overall well-being.

Key areas of study include the classification, functions, and sources of the six major nutrients, as well as their roles in maintaining health and preventing disease. Students will examine current nutrition standards and dietary guidelines, evaluate the safety and regulation of the food supply, and analyze the impact of nutrition-related choices on individual and public health.

In addition, the course emphasizes critical thinking by addressing common nutrition myths and misinformation. Students will learn to assess the credibility of nutrition claims found in media and popular culture, interpret basic nutrition research, and make informed, evidence-based decisions about food and health. Through real-world applications and discussion, students will gain practical knowledge that supports lifelong healthy habits and responsible decision-making.

Grade Level 10-12

Peer to Peer Practical Living A678 0.5 Credit

OFFERED IN THE 27/28 Academic YEAR

This half year course emphasizes the study of Family and Consumer Sciences. The course may contain projects, activities, and evaluations dealing with Financial and Resource Management (PA Standard 11.1), Balancing Family, Work, and Community Responsibility (PA Standard 11.2), Food Science and Nutrition (PA Standard 11.3), and Child Development (PA Standard 11.4). The course is designed for inclusion of students with disabilities to be peer taught by those who want to work in a peer-to-peer learning environment. Students will follow current guidelines for inclusion in the classroom following IDEA (Individuals with Disabilities Education Act)

Grade Level: 9-12

BCIT Department

Regardless of the area of study, students will need business knowledge and skills necessary for economic and future success whether continuing on to a 2- or 4-year college or entering the business and marketplace after high school. Students in business classes will learn to use technology to access and create information and gain hands-on experience through project-based learning activities. Students will also develop marketable skills and habits including communication, self-confidence, self-awareness, problem solving, teamwork, organization, critical thinking, punctuality, reliability, leadership, time management, financial independence, and develop entrepreneurial attitude that can make things happen in any career.

Digital Productivity & Data Applications A672 0.5 Credit

Students will engage in in-depth study of Excel functions including formulas, conditional formatting, data analysis tools, charts, pivot tables, and basic automation to solve real-world problems. Strong emphasis is placed on accuracy, speed, and efficiency in typing and document creation, as well as proper formatting, collaboration, and organization using Microsoft Word and related Microsoft applications.

Grade Level: 9-12

CHS Personal Finance A661 0.5 Credit

Personal Finance focuses on the fundamentals of personal finance, income, spending, saving and investing, risk and insurance, and credit, with a goal of developing individuals who can manage their personal finances. Personal finance is also known as personal financial literacy and financial literacy.

Grade Level: 10-12

Microsoft Digital Applications A622 0.5 Credit

This half year course is designed to prepare students for the workforce by learning how to use Microsoft Office Applications such as Word, Excel, and PowerPoint. Students will complete various training in Microsoft Virtual Academy, which emphasizes concepts and skills included on the Microsoft Office Suite Exam.

Grade Level: 9-12

Computer Science Discoveries A624 0.5 Credit

Computer Science Discoveries is a half year introductory computer science course designed for 9th and 10th-grade students. The curriculum emphasizes problem-solving, creation, and collaboration while introducing students to the many ways computer science impacts their lives. Students will use the Code.org Curriculum to explore the problem-solving process, build websites in HTML and CSS, and create interactive animations and games in Javascript using Game Lab.

Grade Level: 9-12

Interactive Animations & Games A626 0.5 Credit

Interactive Animations & Games is a half year introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem-solving, and fun. Students learn fundamental programming constructs and practices in the JavaScript programming language while developing animations and games in Code.org's Game Lab environment. Students will build on their coding experience as they program animations, interactive art, and games in Game Lab. Students will start by coding simple shapes and will build up to more sophisticated sprite-based games, using the same programming concepts and the design process computer scientists use daily. In this course, students will develop a personalized, interactive program, as well as design their own animations and games.

Grade Level: 9-12

Computer Science Principles A628 0.5 Credit

This course is a rigorous, advanced full year course designed to broaden participation in computer science. Built as an extension of the computer science discoveries course, students will use collaboration, creativity, and computational thinking to problem solve, code and manipulate data, learn a programming language, understand general principles of algorithms, and create and design computer applications that can be useful in our current society.

Prerequisite: Students must successfully complete Computer Science Discoveries Course.

Grade Level: 11-12

Architecture A630 1.0 Credit

OFFERED IN THE 27/28 Academic YEAR

This is an advanced course for students who have intentions of becoming Architects or Engineers. Students will explore the methods and techniques used in the design and architecture of residences, both technically and aesthetically, with the use of a wide variety of media. Students will complete a variety of projects in order to successfully construct various structures. Students will be required to develop an online portfolio.

Grade Level: 9-12

Engineering Essentials A632 1.0 Credit

OFFERED IN THE 27/28 Academic YEAR

This half year course offers students of all backgrounds the opportunity to experience this important field. This course aims to broaden participation in engineering by highlighting its impact and challenging students' perceptions of the field, with a focus on exploring Global Engineering challenges and sustainability goals, as well as personal, societal, environmental, and economic impacts of engineering solutions.

Grade Level: 9-12

Entrepreneurial Innovations A634 0.5 Credit

Students will learn all aspects of creating goods and products using the Poster Maker, Recording Studio, Media Center, Embroidery Machine, Vinyl Cutter, Cricut Maker and Screen Printing Press. Entrepreneurial Innovations is a course where students will be able to design, create and produce goods and services using the production equipment in the Shop. This is a half year course.

Grade Level: 9-12

Entrepreneurship/Product Marketing A636 0.5 Credit

Entrepreneurship and Product Marketing is a half year course where students learn what it will take to be a successful entrepreneur and start a business from the ground up. Students will learn how to create, promote, and operate a company. They will also practice effective leadership skills, develop problem-solving and decision-making skills and practice public speaking skills. Through the development of a comprehensive business and marketing plan, students will be able to design, create, produce, promote and sell a marketable product using a specific piece of production equipment.

Prerequisite: Entrepreneurial Innovations

Grade Level: 9-12

Robotics I A638 0.5 Credit

This half year, hands-on STEAM course will introduce students to the world of Robotics. Through cooperative learning, the principles of design, construction, programming, and problem solving, students will complete step-by-step challenges that culminate in a completely programmed and functioning robot. The class would allow students to develop skills involving, but not limited to: Basic Wiring and Electronic Theory, Gear Ratios and Torque, Motor Controls, and basic Robotic Operations/Programming. Basic Wiring and Electronic Theory, Gear Ratios and Torque, Motor Controls, and basic Robotic Operations/Programming.

Grade Level: 9-12

Drone Flight & Navigation I — A640 — 0.5 Credit

The course is offered to 11th and 12th grade students. This is a student-driven course that will allow students the opportunity to explore and become familiar with building and flying drones. The students will practice and learn the necessary skills to be a safe and efficient remote pilot. The course will provide hands-on activities and flying.

Grade Level: 11-12

Drone Flight & Navigation II — A642 — 0.5 Credit

This is the second half year course to the drone flight and navigation program. It is offered to students who have successfully completed Drone Flight and Navigation I. The course gives an overview of being a drone pilot, incorporates Newton's Laws of Force and Motion, explores the forces associated with flight and how they impact aviation. The course provides an opportunity for students to become familiar with drone flight and navigation.

Prerequisite: Drone Flight & Navigation I

Grade Level: 11-12

Accounting I — A551 — 0.5 Credit

Does your future include a degree in business, marketing, management, finance, or maybe a medical field? No matter what field you choose, an accounting course will likely be required. Why not learn the basics of accounting first to help prepare? Accounting has many benefits, regardless of your career choice. The study of accounting is interesting and fun, yet thought-provoking. Through accounting simulations and problems, students apply their knowledge of accounting to real-world situations using online working papers. Upon completion of Accounting I, students will have a basic understanding of the Accounting cycle. Accounting I is an introduction to accounting theory and bookkeeping methods, including the theory of debits and Credits, double-entry accounts, the use of journals and ledgers, and the maintenance of accounting records. Personal accounting topics will also be discussed. An online book will be a highlight that will incorporate financial statements and transactions. This course also features an introductory unit on spreadsheet software. The Accounting course is highly recommended for both students going on to college and for those entering the workforce right out of high school.

Grade Level:10-12

Accounting II — A554 — 0.5 Credit

Give yourself an edge in the business world by completing this high school accounting course. Use simulations and computer software to enhance your working knowledge of analyzing business transactions and forms. This half year course develops a deeper knowledge of accounting procedures and techniques utilized in solving real-world business issues. After basic fundamentals are reviewed, a more detailed approach to sole proprietorships and corporate accounting is pursued. This course is powerful and provides students with an absolute advantage heading into any business career. The focus of this course is on increasing accounting proficiencies from Accounting I. Accounting II will include practice sets and projects that will refine and enhance abilities in all facets of accounting. The online software will be incorporated into practice sets, projects, and spreadsheets. A business simulation, using amusement park data, is one of many highlights of the course.

Prerequisites: This course is open to students who have completed Accounting I with a grade of 72% or better.

Grade Level: 10-12

Business and Personal Law A557 0.5 Credit

This half year course will enhance the student's knowledge of the law and its effect on their everyday lives. Business and Personal Law will explore the various facets of the law as it applies to not only high school students but our entire country. Major topics include how laws are made, various current legal issues, tort law, contract law, consumer law, and employment law. Both landmark cases, as well as regional court cases, will be shared and discussed. A major highlight of this course is the 5 part-speaker series. Four local attorneys and our current district magistrate will join the classroom to share many years of fascinating courtroom experiences. A wonderful class for all students. This class is a must for any student who is interested in exploring a career in law or even law enforcement.

Grade Level: 10-12

Digital Media Presentations A663 0.5 Credit

OFFERED IN THE 27/28 Academic YEAR

Digital Media Presentation is designed to provide students the opportunity to learn and develop the skills necessary for effective communication using various computer tools. Through hands-on activities, students will discover how to organize, analyze, and create effective digital media. Students will have choices on what innovative web tools they choose to meet certain class objectives. The use of Google Applications will be used daily to enhance instruction and to collaborate on student learning. All students will create their own web page portfolio to share projects with the world. Take this class and become a pro at developing high-quality stunning presentations to separate you from your competition.

Grade Level: 9-12

Sports/Entertainment Marketing A666 0.5 Credit

This course is designed to introduce students to the creative world of marketing and advertising. Students will receive an understanding of the role marketing plays in the economy of the United States. This course will not only enable students to learn about marketing and advertising techniques but also about products, promotion, market research, selling techniques, distribution, merchandising, and public relations. This course is designed for individuals to use their individual creativity. Students taking this class will have opportunities to create community projects that will make an impact on the school. Students may also travel to professional organizations outside the classroom to present real-life projects to authentic audiences. Guests will also be brought into the classroom to share their working experiences.

Grade Level: 10-12

Steam Innovation A669 0.5 Credit

OFFERED IN THE 27/28 Academic YEAR

In a rapidly developing technological society, today's students are charged with finding solutions to issues that require strong communication, problem solving, critical thinking, working cooperatively with diverse groups, resolving conflicts and taking responsibility for one's own learning, The STEAM Innovation course will provide students with exposure to computer programming, mathematical reasoning and resources necessary to solve complex problems.

Grade Level: 9-12

Peer to Peer Digital & Technology Skills A644 0.5 Credit

This course is designed for students who want to work in a peer to peer learning environment. Students will receive electives credit for this course. Emphasis will be placed on developing, improving, and enhancing the students' physical, emotional, and social interactions through partnering students with varied abilities. Students will be responsible for working with their peers on concepts of online privacy and security, digital footprints, online relationships and safe communications. The course is designed for inclusion of students with disabilities to be paired with those who want to work in a peer-to-peer learning environment. Students will follow current guidelines for inclusion in the classroom following IDEA (Individuals with Disabilities Education Act).

Grade Level: 9-12

Special Options for Seniors

Students selecting their senior schedule may apply to participate in Dual Enrollment or Work Experience programs. These options allow seniors who have completed a minimum of 20 Credits and have scheduled the necessary courses to meet all graduation requirements by the end of the school year to enroll in one of these programs to seek employment, attend college or technical school. Students selecting this option must enroll in a minimum of four (4) classes at Carlynton each semester and may be required to show proof of employment, or enrollment in a college or technical school course. Completion of the application process and course approval by the principal is required.

Early Release: Work Release/Experience

S1-W100/S2-W105 0.5 Credit Per Semester

The Work Experience option allows seniors who have completed a minimum of 20 Credits and have scheduled the necessary courses to meet all graduation requirements by the end of the school year to be dismissed from school to go to work. Students selecting this option must enroll in a minimum of four (4) morning classes at Carlynton each semester and show proof of employment in pre-approved work experience. Students will be dismissed from school no earlier than 10:41 a.m. Completion of an application process and principal approval are required. Applications are available in the guidance office.

Grade Level: 12

Early Release: Dual Enrollment

S1 A1000 S2 A1001 0.5 Credit Per Semester

The Dual Enrollment option allows seniors who have completed a minimum of 20 Credits and have scheduled the necessary courses to meet all graduation requirements by the end of the school year to enroll in college or technical school courses. Students selecting this option must enroll in a minimum of four (4) morning classes at Carlynton each semester and show proof of enrollment in a college or technical school course. Students will be dismissed no earlier than 10:30 a.m. No high school credit will be given to college and university course work completed through dual enrollment. Completion of an application process and course approval by the principal is required. Applications are available in the guidance office.

Parkway West Career & Technology Center

The Parkway West Career and Technology Center offers 16 different programs that aim to prepare students for college and future careers after graduation from high school. These programs fulfill elective Credit requirements for high school students in grades 9-12. Seniors who attend the center are also eligible to take the NOCTI exam, which can lead to industry certifications and college credits based on test results.

One of the unique aspects of Parkway is its focus on providing hands-on, real-world experiences for students. For example, students in the Construction Cluster experience a rotation of Carpentry, Electrical Systems Technology, HVAC/R & Welding & Fabrication Technology. Similarly, students in the Culinary Arts program prepare food for and manage a food store and restaurant that is open to the public on Wednesdays and Thursdays. Qualified cosmetology students also have the opportunity to work in a salon that is open to the public.

Moreover, seniors who attend Parkway have the chance to participate in co-op and clinical opportunities to work in local businesses and nonprofits, which can provide valuable career experience and prepare them for the workforce. In summary, the Parkway West Career and Technology Center offers a diverse range of programs that provide students with hands-on, real-world experiences and help them gain the skills and knowledge needed to succeed in college and their future careers.

Mission

The mission of Parkway West Career and Technology Center is to empower students with the skills and knowledge necessary to succeed in their future careers. The school places a strong emphasis on student-centered learning and aims to provide rigorous and relevant education that meets the needs of various industries.

In order to achieve its mission, Parkway West Career and Technology Center is committed to building positive relationships with partner schools and industry leaders. The school also recognizes the importance of quality instructors, and strives to hire and retain the best educators. Additionally, the school aims to secure the necessary resources to support its programs and ensure the success of its students.

Ultimately, the goal of Parkway West Career and Technology Center is to prepare students to excel in their chosen careers and to make a positive impact in their communities.

Admissions Information

Students are admitted to career & technology programs at Parkway West Career and Technology Center (CTC) based on their interest in, ability to benefit from, and preparedness for a particular career & technology program. Secondary students who are interested in attending Parkway West CTC can obtain information from Parkway West's website www.parkwaywest.org.

Career guidance services are available at the school to assist secondary and adult students to make informed choices regarding the career & technology programs available. To schedule an appointment with Student Support personnel, please call the school at 412-923-1772.

Adult students are enrolled in Parkway West CTC programs on a space-available basis. A high school diploma or G.E.D. is required of all adults applying for admission. Adult applicants may be tested for academic achievement and vocational interest to ensure appropriate placement.

It is the policy of Parkway West CTC not to discriminate on the basis of race, sex, religion, color, national origin, handicap or limited English proficiency in its Educational Programs, Activities or Employment Policy as required by Title IX of 1972 Educational Amendments, Title VI of the Civil Rights Act of 1964, Section 504 Regulations of the Rehabilitation Act of 1973, and the American Disabilities Act. For information regarding services, activities, programs, and facilities that are accessible to and usable by handicapped persons, or for inquiries regarding compliance with the above nondiscriminatory policies, contact the Director, Parkway West CTC, 7101 Steubenville Pike, Oakdale, Pennsylvania, 15071: telephone 412-923-1772 or to the Director of the Office of Civil Rights, Department of Health, Education, and Welfare, Washington, D.C.

College Credit Opportunities

Seniors enrolled in Parkway West programs may earn industry certifications and college Credits by:

- becoming a completer
- scoring Competent or Advanced on NOCTI exam

The NOCTI (*National Occupational Competency Testing Institute*) exam is a standardized test for students studying career and technical programs in the United States. It is the largest provider of industry-based credentials and partner industry certifications for career and technical education (CTE) programs across the nation. Whether using assessments to meet Perkins accountability requirements, to guide data-driven instructional improvement, or to assist with teacher evaluation systems, NOCTI provides a credible solution through its validated and reliable technical skill assessment.

The Pennsylvania Department of Education supports career and technical education students aligning their high school courses to a college program in order to complete a degree, diploma or certificate. SOAR programs articulate skills and tasks gained at the high school level to course Credit earned in a postsecondary degree, diploma or certificate program.

SOAR programs can help students:

- Prepare for entering the job market with college and career ready skills
- Choose the best career pathway
- Save money on college tuition
- Save time by not duplicating coursework in college

* Not applicable to all programs. Check with Student Services for program eligibility.

Students Occupationally and Academically Ready

www.education.pa.gov/programsofstudy

SOAR programs of study prepare today's student for tomorrow's in demand and high wage careers

SOAR is built on programs of study (POS) that incorporate secondary and postsecondary education elements and include coherent and rigorous academic and technical content aligned with Pennsylvania's challenging academic standards.

The SOAR Articulation Agreement for advanced credit transfer is made possible when eligible postsecondary institutions and Pennsylvania secondary schools offering POS agree to the terms and conditions stated in the Perkins Statewide Articulation Agreement.

SOAR Mission

To prepare students for college and careers in a diverse, high-performing workforce.

SOAR Benefits

- Save money on college tuition
- Save time by shortening college attendance
- Continue on your chosen career path
- Be prepared to enter the job market

SOAR Articulation

SOAR credits are accepted at many higher education institutions. Go to **CollegeTransfer.net** for further information.

Website Navigation

- **Background**
  Policy information on programs of study
- **Framework**
  Templates and crosswalks to implement programs of study
- **Articulation**
  Information relating to statewide articulation agreements

Learn More About SOAR

- Programs of Study (POS)
- Planning your Career
- Qualifying for SOAR College Credit
- Postsecondary SOAR Partners

Scan this QR code to visit the PDE SOAR Programs Website

Earn College Credits for Secondary POS Completion

12/2022

For further information visit:

Bureau of Career and Technical Education
www.education.pa.gov

pennsylvania
DEPARTMENT OF EDUCATION

Parkway Programs: Earned Academic Credit Options

Students earn three Credits per year at Parkway West Career & Technology Center, which transfer to their home school and become part of their permanent record. Graduates receive a diploma from their home school and a certificate of achievement from Parkway West, with all industry-based credentials listed on the home school transcript.

Following a curriculum review, Carlynton High School allows seniors who have successfully completed at least two years of a CTC program to earn up to two additional transcript credits, which may allow them to waive certain courses. Eligible Credits vary by program and are outlined below.

Earned Academic Credits by Program				
PARKWAY WEST CTC PROGRAM	ELA	MATH	SCIENCE	SOCIAL STUDIES
Auto Technology	1	1		
Auto Body Repair	1	1		
Carpentry	1	1		
Cosmetology		1	1	
Culinary Arts	1	1	1	
Cyber Security & Networking Technology	1	1		
Diesel Technology	1	1		
Electrical Systems Technology	1	1		
Graphic Arts & Production Technology	1	1		
Healthcare Occupations Technology	1		1	
HVAC	1	1		
Power MotorSports Technology	1	1		
Public Safety Technology	1			1
Sports Medicine & Rehabilitation Therapy Technology (SMART)	1		1	
Veterinary Assistant Technology	1		1	
Welding & Fabrication	1	1		

Comprehensive Plan

Click below to view our Comprehensive plan for 2024-2027
Comprehensive Plan 2024-2027

The mission of Parkway West Career and Technology Center is to empower students with the skills and knowledge necessary to succeed in their future careers. The school places a strong emphasis on student-centered learning and aims to provide rigorous and relevant education that meets the needs of various industries.
In order to achieve its mission, Parkway West Career and Technology Center is committed to building positive relationships with partner schools and industry leaders. The school also recognizes the importance of quality instructors, and strives to hire and retain the best educators. Additionally, the school aims to secure the necessary resources to support its programs and ensure the success of its students.
Ultimately, the goal of Parkway West Career and Technology Center is to prepare students to excel in their chosen careers and to make a positive impact in their communities.

Auto Body Repair P100 3 Credits

The Automotive Collision Technology program offers comprehensive training to students in various areas of the automotive industry, such as MIG welding, computerized paint mixing, and automotive spraying techniques. The program uses the latest technology and equipment in the fully equipped auto shop to ensure that students are up-to-date with the current standards in the industry. In addition, the program offers cooperative education experiences in local dealerships, providing students with valuable hands-on training. The curriculum is nationally recognized and follows the ICAR curriculum, ensuring that students receive the highest quality education. Overall, the program aims to prepare students for a successful career in the automotive collision technology industry by providing them with the necessary skills and knowledge to excel in their profession.

Automotive Technology P105 3 Credits

The Automotive Technology program at Parkway West Career & Technology Center is a NATEF and ASE certified program that meets strict industry standards. The program provides students with hands-on experience using diagnostic equipment in a state-of-the-art auto shop, giving them the practical skills they need to succeed in the field.
As an AYES training facility, the Automotive Technology program also offers students the opportunity to gain work experience in local area dealerships during their senior year. This allows students to make important career connections and gain real-world experience in a professional setting. The program's NATEF and AYES certifications ensure that students receive the best training and preparation to complete their ASE certification, which is a valuable industry credential. In addition to the Automotive Technology program, Parkway also offers Emissions and Safety Inspection classes, which can help students prepare for certification exams in those areas. The center's commitment to providing high-quality training and education in the automotive industry is reflected in its partnerships with industry organizations and its emphasis on meeting industry standards.

Carpentry P125 3 Credits

The Carpentry Program provides a comprehensive curriculum that covers both theoretical and practical aspects of carpentry. Students will learn the safe use of hand and power tools, as well as blueprint reading, which are essential skills for any carpenter. The program also covers floor, wall, and roof framing, as well as interior and exterior finishing, including insulation, drywall, siding, and roofing. One unique aspect of this program is the ongoing project of building a tiny smart

home, which allows students to apply their knowledge and skills in a real-world setting. By participating in this project, students will gain valuable experience in carpentry, as well as teamwork, communication, and problem-solving. Furthermore, students have the opportunity to join SkillsUSA, which is a national organization that promotes career and technical education. By joining SkillsUSA, students can participate in various activities, competitions, and community projects, which can enhance their leadership, communication, and interpersonal skills. Overall, the Carpentry Program provides a comprehensive and hands-on training that prepares students for a successful career in carpentry or for further education in related fields.

Cosmetology P175 3 Credits

The Parkway Salon is an excellent opportunity for cosmetology students to apply their skills and knowledge in a real-world setting. By working on clients from the community, students can gain hands-on experience and develop their creativity and customer service skills. Through their training at the Parkway Salon, students will learn how to use a range of cosmetology tools and equipment, as well as techniques for hair cutting, styling, coloring, permanent waving, relaxing, manicuring, pedicuring, and skin care. They will also receive training in professionalism and customer relations, which are critical skills for success in the industry. After completing 1,250 hours of training, students will be eligible to test for their Pennsylvania State Cosmetologist License, which is a requirement for practicing as a cosmetologist in the state. The Parkway Salon is an excellent opportunity for aspiring cosmetologists to gain the skills, experience, and licensing needed to pursue a career in this exciting and rewarding field.

Culinary Arts P155 3 Credits

The Culinary Arts program at Parkway West CTC is a great opportunity for students interested in the restaurant industry! The Food Store & Restaurant are open to the public two days per week, providing students with a great opportunity to interact with the public. Students in the program are learning all aspects of the restaurant business, from meal planning and food preparation to dining room management and banquet serving. This will give them a well-rounded education and prepare them for a variety of career paths within the culinary industry. The fact that the program has a commercially equipped kitchen is also a big plus, as students will be learning on equipment that is similar to what they would use in a professional setting. Overall, the Culinary Arts program at Parkway West CTC is a great choice for students who are passionate about food and interested in pursuing a career in the restaurant industry.

Cyber Security & Networking Technology P205 3 Credits

This program is a great opportunity for students interested in gaining skills and knowledge in the Networking and Cyber Security fields. The emphasis on both theory and hands-on training is beneficial as it prepares students for both employment and post-secondary education. The program covers a variety of essential topics such as advanced troubleshooting, computer assembly, mobile devices, security, and operating systems. In addition, students will develop critical thinking and problem-solving skills, which are highly valued in the technology industry. This program also incorporates hands-on learning as this approach provides students with practical experience, which can be highly beneficial when entering the workforce. The program's focus on current issues facing information technology within our society is a valuable aspect as it broadens students' understanding of the field beyond the local context.

Diesel Technology P225 3 Credits

Diesel Technology teaches students the necessary skills to inspect, repair, and replace various components in diesel-powered vehicles. Students have the opportunity to work with vehicles manufactured by several well-known brands, including Cummins, Freightliner, Kenworth, Mack Trucks, Navistar, Peterbilt, and Volvo. The course begins with instruction on shop safety and proper tool use before moving on to more advanced activities, such as performing a diesel engine

tune-up or replacing a cylinder head. The Diesel Technology Program is partnered with Cummins Sales & Service. Senior students have an opportunity to apply to the School-to-Work Pre-Apprenticeship Program with Cummins.

Electrical Systems Technology P245 3 Credits

The Electrical Systems Technology course is a comprehensive and hands-on program for anyone interested in becoming an electrician. Students get to work with industry-standard equipment and tackle real-life projects to prepare them for the workforce. Learning about job-site safety, National Electrical Code requirements, and blueprint reading is crucial for any electrician to ensure the safety and efficiency of their work. This program covers a wide range of skills, from residential wiring to industrial motor control systems and solar panel installation, which will provide students with a diverse set of career opportunities. Overall, it is a well-designed program that can equip students with the skills and knowledge needed to succeed in the electrical industry.

Graphic Arts & Production Technology P260 3 Credits

Graphic Arts & Production Technology is a comprehensive course that prepares students for careers in the graphic arts and printing industries. The combination of traditional printing techniques with modern digital tools is particularly relevant in today's market. Students will be equipped with skills in layout, composition, and design using computer graphics, as well as knowledge of various printing and bindery techniques. The inclusion of photography and laser engraving also adds to the versatility of the program. The emphasis on typography and color preparation is crucial in producing visually appealing and effective designs. Students will also learn large format digital printing with various output and vinyl applications. Overall, Graphic Arts & Production Technology offers a well-rounded and practical education for students interested in pursuing careers in the printing and design industries.

Healthcare Occupations Technology P265 3 Credits

The Healthcare Occupations Technology program provides students with a variety of opportunities to learn and develop the essential skills needed to pursue a career in healthcare. Throughout the program, students have the ability to earn certifications, such as OSHA-10 for Healthcare Professionals, Patient Care Technician, Phlebotomy Technician, Pharmacy Technician, and Basic Life Support for the Healthcare Professional. These certifications can be extremely valuable as our students graduate and enter the healthcare industry. Many of the students that take this course have dreams of becoming a nurse after graduation. As lecture is an important part of the Healthcare Occupations Technology program, engaging in clinical rotations in 11th and 12th grade helps put all the knowledge learned in previous years together. Clinical rotations can occur in nursing homes, hospitals, or doctor’s offices. These firsthand experiences are a valuable way for students to gain experience in the healthcare industry and help them identify which career path they want to pursue after graduation. An addition to the program in 2023 is a new simulation manikin. As technology is the way of the future, our students will learn how to take care of a patient at the bedside in many different aspects. Our new simulation manikin comes with heart sounds, lung sounds, blood pressure readings in both arms, and so much more.

Heating, Ventilation, Air Conditioning & Refrigeration (HVAC/R) P270 3 Credits

The Heating, Ventilation, Air Conditioning & Refrigeration (HVAC/R) program provides students with a comprehensive education in the installation, maintenance, and repair of HVAC/R systems. Students learn a variety of skills, including piping, wiring, system installation and servicing, air duct fabrication, and ventilation system evaluation. The program also emphasizes job-site safety, tool use, blueprint reading, and other fundamentals that are important in the HVAC/R industry. In addition, students have the opportunity to work with appliances from industry-recognized manufacturers and collaborate on projects that mirror real-world tasks. This program offers a progressive learning experience, with first- and second-year students learning foundational skills and third- and fourth-year students tackling more advanced projects.

Upperclassmen are encouraged to secure co-op positions with local companies to further develop their skills and gain practical experience in the field.

Power Motorsports Technology P305 3 Credits

Power Motorsports Technology is a comprehensive training program focusing on motorcycles, marine products, lift trucks, lawn maintenance products, and the engines that power them. This specialized area requires specific skills and knowledge to repair and maintain properly. By covering a range of equipment types, this program will provide students with a broad understanding of Power Motorsports Technology and prepare them for a range of potential careers in the field. Some of the topics that might be covered in such a program could include engine diagnosis and repair, electrical systems, fuel systems, suspension and steering, and brake systems. Students may also learn about the latest advancements in Power Motorsports Technology, such as hybrid engines and electronic controls.

Public Safety Technology P300 3 Credits

Public Safety Technology is an opportunity for students interested in pursuing a career in the emergency response industry. The hands-on training provides students with valuable real-world experience and exposure to different aspects of emergency response, including fire fighting, emergency medical services and law enforcement. The program covers a range of technical fields, including police science, fire science, rescue operations, hazardous materials, and emergency medical services. This comprehensive approach ensures that students receive a well-rounded education and are prepared to enter the emergency response industry with a broad skill set. The program also offers training for the Emergency Medical Technician certifications, which are highly valued credentials in the emergency response field. These certifications can open up immediate employment opportunities for students upon graduation.

Sports Medicine & Rehabilitation Therapy (SMARTT) P310 3 Credits

The SMARTT program is designed to provide students with a comprehensive understanding of the fields of physical therapy, occupational therapy, physical rehabilitation, exercise physiology, and sports medicine. Students will gain valuable knowledge and skills in the diagnosis, assessment, prevention, and rehabilitation of bodily injuries and related health conditions. Through the program, students will learn how to develop patient care plans, including assessment, evaluation, and interventions such as exercise, manual therapy, modalities, and neuro re-education. They will also learn how to set goals and create discharge plans for patients. In addition to these skills, students will also gain an understanding of nutrition and how to develop proper diet plans for healthy individuals, as well as tailor diet plans for special populations. Upon completion of the SMARTT program, students will be equipped with the foundational knowledge and skills needed to work as a Personal Trainer/Coach or Physical Therapy Aid. The program also provides a solid base for students to build upon if they choose to pursue a post-secondary degree or advanced certification in any of the related fields.

Veterinary Assistant Technology P325 3 Credits

The Veterinary Assistant Technology program provides students with hands-on training and knowledge of animal care and management techniques. By completing this program, students will be equipped with the necessary skills to work in veterinary clinics, animal shelters, research facilities, and other animal care settings. The program covers various topics such as animal anatomy and physiology, medical terminology, pharmacology, animal behavior, and nutrition. Students will also learn how to communicate effectively with clients and assist with procedures such as vaccinations, blood draws, and surgical preparation.

Welding & Fabrication Technology P345 3 Credits

The course is an acCredited test facility(ATF) through the (AWS)American Welding Society That allows students the possibility of earning national industry certifications.The course is highly project-oriented and hands-on, with a focus on teaching various welding and fabrication processes such as SMAW, GMAW, FCAW, and GTAW. Additionally, students will learn plasma cutting, Carbon Arc Cutting, and oxy-fuel cutting.

The Welding I course begins focusing on teaching core welding techniques such as basic setup of oxy-fuel equipment, grinder usage.During welding 1 students can obtain national certifications in Stick(SMAW) welding, and Mig(GMAW) welding. Welding II offers more advanced opportunities to perfect welding skills and complete projects. During Welding II, students can obtain the national AWS certification in Flux core arc welding(FCAW) and Gas Tungsten Arc Welding (GTAW). Senior year will focus on pipe welding techniques. In addition students will learn Fabrication skills,Blueprint reading, auto cad and Inspection methods with a concentration on (NDT)Non Destructive Testing methods. The course aims to help students work towards assigned competencies to find employment, receive college articulation Credit, and/or receive certification in a Welding and Fabrication career. It is expected that students act in a professional and ethical manner at all times. All students will become members of the AWS and SkillsUSA student member organizations here at Parkway.

Steps Before Scheduling

Prior to submitting course requests, students are encouraged to review the Career Pathways and the Multi-Year Academic Planning Worksheet available in this Program of Studies to ensure course selections are aligned with potential post-secondary plans, allow students to select the appropriate course for successive years, and provide appropriate prerequisite requirements for course progressions within departments. Additionally, students should confer with parents, family members, teachers, coaches, advisors, and school counselors in order to choose the courses and programs that best prepares and challenges you for your future. Students and parents are also responsible for ensuring all graduation requirements are satisfied and course selections include a minimum of seven (6) Credits unless administratively approved.

Course Request Procedures

Parents and students have the opportunity to complete the course request process online by accessing PowerSchool from any computer with Internet access and a web browser. The course request window availability will be published and shared through district communication outlets. Students who do not complete course requests during this window will be assigned a scheduling appointment through the school counseling office and may have limited scheduling options.