

COURSE CATALOG

2020-2021



Perspectives

We live a Disciplined Life.®

www.pcsedu.org

SOUTH LOOP | BRONZEVILLE | AUBURN GRESHAM

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Our Mission

Perspectives Charter Schools provides students with a rigorous and relevant education, based on the ethical principles of A Disciplined Life®, preparing them for life in a changing world and helping them further become intellectually reflective, caring and ethical people engaged in a meaningful life.

A Disciplined Life® Education Model

At Perspectives, our A Disciplined Life® education model teaches the whole child. Perspectives has a holistic approach to education and combines relevant and rigorous college preparatory curriculum with social emotional skills, and experiential learning. Our 26 principles inform our language and guide our actions, establishing a culture of trust, tolerance, hard work and achievement. The principles of A Disciplined Life are found on page 4.



"The function of education is to teach one to think intensively and to think critically. Intelligence plus character – that is the goal of true education."

MARTIN LUTHER KING JR.

26 Principles of A Disciplined Life®

26 PRINCIPLES A DISCIPLINED LIFE®

SELF-PERCEPTION

- Accept only quality work from yourself
- Take responsibility for your actions
- Think critically and be inquisitive
- Demonstrate honesty and integrity
- Be a life-long learner
- Seek wisdom
- Be open-minded
- Love who you are
- Be generous
- Live a healthy lifestyle

RELATIONSHIPS

- Communicate effectively
- Challenge each other intellectually
- Be positive and supportive
- Solve conflicts peacefully
- Respect differences
- Show compassion
- Show gratitude

PRODUCTIVITY

- Demonstrate a strong work ethic
- Be punctual and prepared
- Demonstrate perseverance
- Use your time wisely
- Listen actively
- Take initiative
- Be organized
- Be reflective
- Be reliable

At Perspectives, we study the principles of A Disciplined Life (ADL), which help all of us develop positive self-perception, healthy relationships, and the tools for productivity.

Perspectives Course Catalog and Academic Policy

Purpose

The purpose of this catalog is to provide a comprehensive library of courses offered at Perspectives Charter School campuses in order to guide course alignment, course selection, and scheduling. Not all courses are offered at every campus, every school year.

This catalog is a companion to our Student Code of Conduct, where you can find the PCS Academic Policy in full. Please consult the Student Code of Conduct for information regarding: grading, homework, special honors, end of year events, National Honors Society, graduation and promotion requirements, and academic honesty.

Perspectives Commitment to Equity: Curriculum Evolution

PCS Definition of Equity

Perspectives is dedicated to reducing barriers to equity and fostering an anti-racist, non-discriminatory, and inclusive environment by internalizing our core values of *A Disciplined Life®* and ensuring that our practices allow our diverse population of students and staff to grow, thrive, and excel. We encourage growth and ingenuity, and utilize a culturally-competent curriculum to ensure our students receive an educational experience that prepares them for life beyond Perspectives. We also commit to a transparent and inclusive hiring and promotion process that includes a diversity of ideas, elevated voices and leadership opportunities.

PCS Acknowledgement of Limitations and Failures

Perspectives is striving to provide our students with a rich curriculum that is rigorous, culturally relevant, and representative of all peoples and experiences. We have work to do to achieve this outcome as PCS current curriculums are limited in representation, diversity, and cultural relevancy. This is going to change.

PCS Commitment to Action

Current curriculums are a starting point for required evolution. Teachers will collaborate with their Instructional Leaders to diversify via substitution, addition, deletions etc. to modules/units/lesson plans/etc. throughout SY2021. This work will be used towards more formal revisions of PCS Curriculum SY2122.

Curriculum Equity + Diversity Considerations/Questions:

Perspectives creates a culture where learning is organic. Our curriculum is designed for our students to deeply engage with their coursework and where teachers create a space of collaboration and support. Our students think critically and are inquisitive about their learning, and are intentional in seeking wisdom from their teachers and peers for complete understanding of a topic.

- Is the curriculum designed to be rigorous and culturally relevant?
- Are Perspectives students provided the optimal tools for productivity?
- Are we affirming our student's culture & lived experiences in our approach?
- Is the staff professional development that we currently utilize effective at centering our students in designing the lessons and curriculum that we implement?

Process:

- Instructional Leaders and Teachers meet and review curriculum through the lens of equity and diversity.
- Network Content Teams meet to review and share curriculum evolutions and modifications quarterly.
- Collaborate with the PCS Equity Officer in this process.

Middle School Graduation and Promotion Requirements

6th and 7th Grade: Any 6th or 7th grade students failing up to two classes must attend, and successfully pass, summer school to be promoted to the next grade. Students failing three or more classes may be retained and have to repeat their current grade.

8th Grade: Students must successfully pass all classes and A Disciplined Life® class to graduate from the 8th grade. Additionally, students must successfully complete and pass the U.S. Constitution Exam by the end of the 8th grade year. Any student failing at least three quarters of one or more classes, or the U. S Constitution Exam must attend and pass summer school to be promoted to a Perspectives Charter Schools High School. Students failing three or more classes or the U.S. Constitution Exam may be retained and have to repeat 8th grade.

NWEA shall be used as the district-wide assessment to evaluate middle-school students in addition to their grades and attendance for promotion eligibility at the end of the school year. Students not meeting MAP growth in 2/3 assessments (Math, Reading, Science) will be required to attend summer school for promotion to the next grade.

High School Graduation Requirements: Credit Requirements

High school students will be required to make up missing or failed credits during summer school and/or the school year via credit recovery, and they must complete enough credits to meet the grade promotion requirements.

HS Graduation Requirements: Credit Requirements

Required Classes	Required Credits
Math*	4 credits
English*	4 credits
Science*	3 credits
Social Studies*	3 credits
Foreign Language	2 credits
A Disciplined Life ©	4 credits
Extracurricular Activities	2 credits
Electives	8 credits
Total Required for Graduation	30 credits

Notes:

In most cases, 1 credit is equivalent to 1 year in a particular course. However, there are courses in which 1 credit may be earned in a single semester.

Perspectives students that participate in the Chicago Builds program (a vocational education course) may substitute one Chicago Builds credit for a foreign language credit if scheduling limitations do not allow the student to participate in both.

*Denotes Core Courses

English Language Arts

Middle School

6th Grade English Language Arts—51034G000

In middle school, students engage in a rigorous sequence of study of reading, English, and writing grounded in the 6th grade Common Core Standards in order to prepare them for success in middle school, high school, and college. The middle school course study is designed using a collection of authentic rigorous texts including novels, plays, poems, short stories, and non-fiction. The curriculum asks students to read, engage with, and analyze these texts in order to write essays and analytical responses to demonstrate their understanding. These courses are evaluated with rigorous quarterly assessments written by the Achievement Network© and overall yearly progress is monitored by the NWEA MAP test given in the Fall, Winter, and Spring.

7th Grade English Language Arts—51035G000

In middle school, students engage in a rigorous sequence of study of reading, English, and writing grounded in the 7th grade Common Core Standards in order to prepare them for success in middle school, high school, and college. The middle school course study is designed using a collection of authentic rigorous texts including novels, plays, poems, short stories, and non-fiction. The curriculum asks students to read, engage with, and analyze these texts in order to write essays and analytical responses to demonstrate their understanding. These courses are evaluated with rigorous quarterly assessments written by the Achievement Network© and overall yearly progress is monitored by the NWEA MAP test given in the Fall, Winter, and Spring.

8th Grade English Language Arts—51036G000

In middle school, students engage in a rigorous sequence of study of reading, English, and writing grounded in the 8th grade Common Core Standards in order to prepare them for success in high school and college. The middle school course study is designed using a collection of authentic rigorous texts including novels, plays, poems, short stories, and non-fiction. The curriculum asks students to read, engage with, and analyze these texts in order to write essays and analytical responses to demonstrate their understanding. These courses are evaluated with rigorous quarterly assessments written by the Achievement Network© and overall yearly progress is monitored by the NWEA MAP test given in the Fall, Winter, and Spring.

MS Blended Reading— 22066G000

In middle school, Blended Reading integrates small group instruction and Educational Technology that allows students to focus on their reading skills. The course is designed for students to follow an individualized learning path that meets their specific needs, interests, and goals while also developing strategies to read most efficiently.

MS English Language Arts—51039G000

In middle school, students engage in a rigorous sequence of study of reading, English, and writing grounded in the 6th grade Common Core Standards in order to prepare them for success in middle school, high school, and college. The middle school course study is designed using a

collection of authentic rigorous texts including novels, plays, poems, short stories, and non-fiction. The curriculum asks students to read, engage with, and analyze these texts in order to write essays and analytical responses to demonstrate their understanding. These courses are evaluated with rigorous quarterly assessments written by the Achievement Network© and overall yearly progress is monitored by the NWEA MAP test given in the Fall, Winter, and Spring.

High School

African American Literature—22063G001

African American Literature explores a variety of genres of African American texts to introduce students to the historical, cultural, political, economic, and social development of people of African descent with the goal of identifying and appreciating themes, styles, and artistic strategies. Students will critically read, discuss, and write about important issues affecting the African American community's past and present. Frequent expository, analytical, argumentative, and creative writing assignments will focus on the critical analysis of literature.
Credit: 1 Credit = 1 Semester

AP Language and Composition—01005H100

The AP English Language and Composition course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts, and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in the course should deepen and expand their understanding of how written language functions *rhetorically*: to communicate writers' intentions and elicit readers' responses in particular situations. The course cultivates the rhetorical understanding and use of written language by directing students' attention to writer/reader interactions in their reading and writing of various formal and informal genres (e.g. memos, letters, advertisements, political satires, personal narrative, scientific arguments, cultural critiques, research reports).

Credit: 1 Credit = 2 Semesters, weighted GPA

AP Literature and Composition—01006H100

In AP English Literature and Composition, students will explore some of the greatest works of literature ever written. Students will consider timeless themes about humans and human nature, society's virtues and vices, and the struggle between good and evil. Every aspect of this course is designed to push the students, as scholars, beyond mere comprehension of plots and literary terms, although those will be important, to critical analysis and evaluation of the texts that will be explored. In addition, students will refine their command of written language by writing analytical essays, critical responses, and a literary research paper. Students' work in the course will be guided by their knowledge of the terms and concepts found in the "AP English Literature Handbook," a glossary of literary terms (from the list in the AP Vertical Teaming Guide) compiled by the teacher. This course will prepare students for success on the Advanced Placement English Literature exam. More importantly, though, this course will prepare students for success in their lives as readers, writers, and thinkers.

Credit: 1 Credit = 2 Semesters, weighted GPA

Composition: Rhetoric—22149G000

This course explores the art and skill of writing effectively as a means of persuasion. Throughout the course, students will read and analyze a variety of authors and mediums to evaluate the influence of various writers' intentional diction, style, and usage. Students will write frequently, students will apply their rhetoric skills to a variety of purposes and audiences to achieve a desired effect and outcome. An emphasis on vocabulary, grammar, and composition skills will be an on-going focus throughout the semester.

Credit: 1 Credit = 1 Semester

Creative Writing—22104G001

The Creative Writing course offers students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft.

Credit: 1 Credit = 1 Semester

English 101— 01999H000

English 101 focuses on the development of critical and analytical skills in writing and reading of expository prose. Writing assignments, as appropriate to the discipline, are part of the course. English 101 is a dual credit course that has limited availability depending on campus.

Prerequisites: Eligibility for English 101 is based on prior coursework or COMPASS, ACT, or SAT test scores, or Consent of Department Chairperson.

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

English 102— 01999H002

English 102 continues the development of critical and analytical skills in writing and reading of expository prose that students began in English 101. Writing assignments, as appropriate to the discipline, are part of the course. English 102 is a dual credit course that has limited availability depending on campus.

Prerequisites: English 101

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

English I—01001G100

This full-year course is designed to introduce freshmen to composition and literature with emphasis on understanding text through writing. Students will have access to a variety of texts (excerpts, novels, plays, poetry, songs, and nonfiction texts) from a variety of time periods, cultures, and points of view. Students will use these texts as the backbone for their study of literary analysis and conventions of English. Students' essay writing will be divided between literary analysis and argumentative essays. Using this approach students will increase their reading, writing, and speaking abilities through an effective and rigorous study of the 9th grade Common Core Standards designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semesters

English II—01002G100

This full-year course is designed to further the sophomore understanding of composition and literature with emphasis on understanding text through writing. Students will have access to a variety of texts (excerpts, novels, plays, poetry, songs, and nonfiction texts) from a variety of time periods, cultures, and points of view. Students will use these texts as the backbone for their study of literary analysis and conventions of English. Students' essay writing will be divided between literary analysis and argumentative essays. Using this approach students will increase their reading, writing, and speaking abilities through an effective and rigorous study of the 10th grade Common Core Standards designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semesters

English III—01003G100

This full-year course is designed to further the junior understanding of composition and literature with emphasis on understanding text through writing. Students will have access to a variety of texts (excerpts, novels, plays, poetry, songs, and nonfiction texts) from a variety of time periods, cultures, and points of view. Students will use these texts as the backbone for their study of literary analysis and conventions of English. Students' essay writing will be divided between literary analysis and argumentative essays. Using this approach students will increase their reading, writing, and speaking abilities through an effective and rigorous study of the 11th grade Common Core Standards designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semesters

English IV—01004G100

This full-year course is designed to further the senior understanding of composition and literature with emphasis on understanding text through writing. Students will have access to a variety of texts (excerpts, novels, plays, poetry, songs, and nonfiction texts) from a variety of time periods, cultures, and points of view. Students will use these texts as the backbone for their study of literary analysis and conventions of English. Students' essay writing will be divided between literary analysis and argumentative essays. Using this approach students will increase their reading, writing, and speaking abilities through an effective and rigorous study of the 12th grade Common Core Standards designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semesters

English Composition I— 01103G109

English I Composition is a full year course that focuses on students' writing skills and develops their ability to compose different types of papers for a range of purposes and audiences. This course enables students to explore a variety of nonfiction texts and practice descriptive, narrative, persuasive, or expository styles as they write paragraphs, essays, letters, applications, formal documented papers, or technical reports. Using this approach students will increase their reading, writing, and speaking abilities through an effective and rigorous study of the 9th grade Common Core Standards designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semesters

English Composition II— 01103G110

English II Composition is a full year course that focuses on students' writing skills and develops their ability to compose different types of papers for a range of purposes and audiences. This course enables students to explore a variety of nonfiction texts and practice descriptive, narrative, persuasive, or expository styles as they write paragraphs, essays, letters, applications, formal documented papers, or technical reports. Using this approach students will increase their reading, writing, and speaking abilities through an effective and rigorous study of the 10th grade Common Core Standards designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semesters

English Composition III— 01103G111

English III Composition is a full year course that focuses on students' writing skills and develops their ability to compose different types of papers for a range of purposes and audiences. This course enables students to explore a variety of nonfiction texts and practice descriptive, narrative, persuasive, or expository styles as they write paragraphs, essays, letters, applications, formal documented papers, or technical reports. Using this approach students will increase their reading, writing, and speaking abilities through an effective and rigorous study of the 11th grade Common Core Standards designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semesters

English Composition IV — 01103G112

English IV Composition is a full year course that focuses on students' writing skills and develops their ability to compose different types of papers for a range of purposes and audiences. This course enables students to explore a variety of nonfiction texts and practice descriptive, narrative, persuasive, or expository styles as they write paragraphs, essays, letters, applications, formal documented papers, or technical reports. Using this approach students will increase their reading, writing, and speaking abilities through an effective and rigorous study of the 12th grade Common Core Standards designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT

Credit: 1 Credit = 2 Semesters

English Literature I— 01053G109

English I Literature is a full year course that offers the opportunity for students to study and reflect upon the themes presented in a diverse body of literature representing a variety of texts (excerpts and full text studies of: novels, plays, poetry, songs, and nonfiction texts) from a variety of time periods, cultures, and points of view. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the reading selection and as they understand how the work reflects society's problems and culture. Using this approach students will increase their reading, writing, and speaking abilities through an effective and rigorous study of the 9th grade Common Core Standards designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semesters

English Literature II— 01053G110

English II Literature is a full year course that offers the opportunity for students to study and reflect upon the themes presented in a diverse body of literature representing a variety of texts (excerpts and full text studies of: novels, plays, poetry, songs, and nonfiction texts) from a variety of time periods, cultures, and points of view. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the reading selection and as they understand how the work reflects society's problems and culture. Using this approach students will increase their reading, writing, and speaking abilities through an effective and rigorous study of the 10th grade Common Core Standards designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semesters

English Literature III — 01053G111

English III Literature is a full year course that offers the opportunity for students to study and reflect upon the themes presented in a diverse body of literature representing a variety of texts (excerpts and full text studies of: novels, plays, poetry, songs, and nonfiction texts) from a variety of time periods, cultures, and points of view. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the reading selection and as they understand how the work reflects society's problems and culture. Using this approach students will increase their reading, writing, and speaking abilities through an effective and rigorous study of the 11th grade Common Core Standards designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semesters

English Literature IV — 01053G112

English IV Literature is a full year course that offers the opportunity for students to study and reflect upon the themes presented in a diverse body of literature representing a variety of texts (excerpts and full text studies of: novels, plays, poetry, songs, and nonfiction texts) from a variety of time periods, cultures, and points of view. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the reading selection and as they understand how the work reflects society's problems and culture. Using this approach students will increase their reading, writing, and speaking abilities through an effective and rigorous study of the 12th grade Common Core Standards designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semesters

English—Test Preparation— 22203G100

English—Test preparation courses provide students with activities in analytical thinking and with the skills and strategies associated with standardized test taking. Topics covered include vocabulary, reading comprehension, and writing strategies, as well as time management, scoring procedures, and dealing with stress. Course materials may include ACT, SAT and PSAT review materials, current assessment software programs, and previous standardized examinations.

Credit: 1 Credit = 1 Semester

HS Blended Reading— 22067G100

Blended Learning integrates small group instruction and Educational Technology that allows students to focus on their reading skills. The course is designed for students to follow an individualized learning path that meets their specific needs, interests, and goals while also developing strategies to read most efficiently.

Credit: 1 Credit = 1 Semester

Language Arts Laboratory: Academic Reading— 22009B100

Language Arts Laboratory provides instruction in language skills, integrating reading, writing, speaking, and listening, and places emphasis on the progress of individual students. Course content following the Really Great Reading Curriculum and which is designed to focus on vocabulary building, reading silently or aloud, and improving listening and comprehension abilities.

Credit: 1 Credit = 1 Semester

Literature: Independent Study—01097G000

Literature-Independent Study, often conducted with instructors as mentors, enable students to explore topics of interest related to literature. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

Credit: 1 Credit = 1 Semester

Strategic Reading— 22066B100

Strategic Reading targets a student's vocabulary, critical-thinking and analysis skills, and/or reading rate and comprehension level. This course will provide a variety of fiction and nonfiction sources.

Strategic Reading may also work to build a student's time-management focus, offering strategies for note-taking/coding a text or for understanding and evaluating the important points of a text.

Credit: 1 Credit = 1 Semester

Mathematics

Middle School

6th Grade Math--52036G000

In middle school, students engage in a rigorous sequence of study of mathematics grounded in the Common Core Standards in order to prepare them for success in high school and college. The 6th grade course of study is designed from the Eureka Math© curriculum and is evaluated with rigorous quarterly assessments written by the Achievement Network © and overall yearly progress is monitored by the NWEA MAP test given in the Fall, Winter, and Spring.

7th Grade Math—52037G000

In middle school, students engage in a rigorous sequence of study of mathematics grounded in the Common Core Standards in order to prepare them for success in high school and college. The 7th grade course of study is designed from the Eureka Math© curriculum and is evaluated with rigorous quarterly assessments written by the Achievement Network © and overall yearly progress is monitored by the NWEA MAP test given in the Fall, Winter, and Spring.

8th Grade Math—52038G000

In middle school, students engage in a rigorous sequence of study of mathematics grounded in the Common Core Standards in order to prepare them for success in high school and college. The 8th grade course of study is designed from the Eureka Math© curriculum and is evaluated with rigorous quarterly assessments written by the Achievement Network © and overall yearly progress is monitored by the NWEA MAP test given in the Fall, Winter, and Spring.

MS Blended Math— 22002G000

In middle school, Blended Math integrates small group instruction and Educational Technology that allows students to focus on their math skills. The course is designed for students to follow an individualized learning path that meets their specific needs, interests, and goals while also developing math knowledge and strategies most efficiently.

MS Math--52039G000

In middle school, students engage in a rigorous sequence of study of mathematics grounded in the Common Core Standards in order to prepare them for success in high school and college. The course of study is designed from the Eureka Math© curriculum and is evaluated with rigorous quarterly assessments written by the Achievement Network © and overall yearly progress is monitored by the NWEA MAP test given in the Fall, Winter, and Spring.

MS Pre-Algebra—52051G000

In middle school, students engage in a rigorous sequence of study of Pre-Algebra that increases students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities. This course of study is designed from the Eureka Math© curriculum and is evaluated with rigorous quarterly assessments written by the

Achievement Network © and overall yearly progress is monitored by the NWEA MAP test given in the Fall, Winter, and Spring.

High School

Algebra I—02052G100

In Algebra 1, students use ratio and proportional reasoning they learned in middle and elementary school, and transfer that knowledge to learn and focus on linear functions and equations using the Eureka Curriculum. Students will also study exponential and quadratic functions and equations that are an introduction to the theory of equations. They will learn to use basic algebraic tools to represent problem situations and to solve important real-life problems. Throughout this course, students develop a sound understanding of functions and their multiple representations which they will continue to use in advanced algebra, geometry, trigonometry and other higher mathematics. Coursework is in alignment to the Common Core Standards and is designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT using the Eureka Math Curriculum.

Credit: 1 Credit = 2 Semester

Algebra II/Trigonometry--02056G100

Algebra II is a course that extends the content of Algebra I and provides further development of the concept of a function. The year begins with studying polynomials, most specifically quadratics, looking at factorizations and graphs. The second quarter focuses on Exponential and Logarithmic functions, followed by a study of trigonometric functions and the unit circle in quarter 3. The year finished by exploring probability, data distributions, and matrices. Graphing calculator skills will be taught and used extensively in this course, and students will develop learning strategies, critical thinking skill, and problem solving techniques to prepare for future math courses. Coursework is in alignment to the Common Core Standards and is designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT using the Eureka Math Curriculum.

Credit: 1 Credit = 2 Semester

Algebra III—02057G000

Algebra III is a college-level algebra course intended to prepare students for success in college math. Students in Algebra III will study key algebraic topics, extending and developing their work in Algebra 2. The topics include an in-depth study of algebraic expressions, polynomials and their equations, complex numbers, and graphing. In addition, there is a continued analysis of functional relationships with a focus on quadratics, exponential and logarithmic functions. The course rounds out with an introduction to analytic geometry, conic sections, mathematical induction, and the binomial expansion theorem to prepare students for post-secondary mathematical course sequences. Coursework is in alignment to the Common Core Standards and is designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semester

AP Calculus AB— 02124H100

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: elementary functions; properties of functions and their graphs; limits and continuity; differential calculus (including definition of the derivative, derivative formulas, theorems about derivatives, geometric applications, optimization problems, and rate-of-change problems); and integral calculus (including antiderivatives and the definite integral).
Credit: 1 Credit = 2 Semesters, weighted GPA

Financial Literacy— 22152M002

The Financial Literacy course reinforces general math skills, extends these skills to include some pre-algebra and algebra topics, and uses these skills primarily in occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations.

Credit: 1 Credit = 2 Semesters

Geometry— 02072G100

The study of Geometry begins with the topic of congruency. This includes laying a strong foundation by establishing the essential definitions that will be used throughout the course. Next, these foundational geometry definitions are used by applying them to geometrical constructions using appropriate tools. Following this, study progresses to the congruency of shapes by exploring the concepts of transformations and triangle congruency theorems. Quarter 2 focuses on scaled drawings, similarities between shapes, and touches upon foundational trigonometry. Students must combine knowledge from their algebra background to create ratios in order to solve for unknown parts of similar right triangles. This leads to quarter 3 in which knowledge of 2-dimensional geometry is extended to 3 dimensions. Coursework is in alignment to the Common Core Standards and is designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT using the Eureka Math Curriculum.

Credit: 1 Credit = 2 Semester

Geometry in Construction—02079G000

Geometry in Construction is an interdisciplinary course that integrates Geometry and Construction topics through the building of a significant construction project. The purpose of the course is to provide students with a better understanding of both the Geometry and the Construction content through the combination of the academic and work-world contexts. The Geometry content matches that of the other Geometry courses taught in the Math Department, and prepares students for the subsequent 2 Algebra courses. Students will be exposed to and gain hands-on experience in the following areas of Construction: safety, framing, HVAC, plumbing, roofing, windows, exterior doors, and siding. Additional emphasis is given to teamwork, problem-solving, and the promotion of STEM education. This is a double-period course in which students earn credit both for Geometry and for Construction.

Credit: 1 Credit = 1 Semester—this class does not fulfill one of the Math graduation requirements.

HS Blended Math— 22002G100

Blended Math integrates small group instruction and Educational Technology that allows students to focus on their math skills. The course is designed for students to follow an individualized learning path that meets their specific needs, interests, and goals while also developing math knowledge and strategies most efficiently.

Credit: 1 Credit = 1 Semester

Mathematics—Test Preparation— 22993G100

Mathematics-Test Preparation courses provide to students activities in analytical thinking and with the skills and strategies associated with taking standardized tests (such as the PSAT, SAT, and ACT). Topics covered include strategies for arithmetic, algebra, geometry, and quantitative comparison problems as well as time management, scoring procedures, calculator usage, and management of test-related stress.

Credit: 1 Credit = 1 Semester

Pre-calculus—02110G100

Pre-calculus is a rigorous, challenging math class intended to prepare students for success in a college calculus course. During the course, students explore a variety of math topics that are important in higher level math classes. Students revisit key Algebra 2 concepts, exploring these subjects in greater detail and with more challenging problems. Across all topics, students develop problem-solving abilities, including skills for tackling unfamiliar and complex problem types. Classroom activities will include group notes, college-style lectures, and projects. In quarter 1, students study matrices and vectors. In quarter 2, students focus on the study of functions, including function families like polynomials and rational functions. Quarter 3 includes an extended study of trigonometry, with a focus on trigonometric graphs, equations, and identities. Quarter 4 asks student to apply various skills to complex situations and ideas. Coursework is in alignment to the Common Core Standards and is designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT using the Eureka Math Curriculum.

Credit: 1 Credit = 2 Semester

Probability and Statistics—02201G100

Probability and Statistics introduces the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs). Course may also include normal distribution and measures of variability. Coursework is in alignment to the Common Core Standards and is designed to prepare them for success in college in alignment to the Domains and Dimensions of the SAT.

Credit: 1 Credit = 2 Semester

Science, Technology, and Engineering

Middle School

Earth/Space Science--53008G000

In middle school, students engage in a rigorous sequence of study of Earth/Space Science that covers basic principles of earth and space science. This may include plate tectonics, rocks and the rock cycle, weather, ocean currents, movements of the Earth, moon, and planets, components of the galaxy and universe, or other earth/space topics. Coursework is in alignment to the Common Core Standards and the Next Generation Science Standards.

Environmental Science— 53236G000

In middle school, students engage in a rigorous sequence of study of Physical Science that cover basic principles of environmental science. This course's primary focus is on the interrelationships among plants, animals, and humans. Topics may include: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

Life Science-- 53158G000

In middle school, students engage in a rigorous sequence of study of Life Science that covers the basic principles of life and life processes. These topics may include cells, species, ecosystems, reproduction, genetics, or other Life Science topics. Coursework is in alignment to the Common Core Standards and the Next Generation Science Standards.

Physical Science-- 53159G000

In middle school, students engage in a rigorous sequence of study of Physical Science that cover basic principles of physical science, such as matter, energy, force, and motion. Topics may include conservation of energy and matter, the atomic model, the periodic table, electricity, or other Physical Science topics. Coursework is in alignment to the Common Core Standards and the Next Generation Science Standards.

Project Syncere—71999G000

In middle school, SYNCERE provides a curriculum that integrates science, technology, engineering, and mathematics (STEM) through the use of project-based learning. Project SYNCERE's staff assists and coaches students in scientific inquiry, directing them to deeper levels of understanding. Students use prior knowledge and technology to solve real-world problems.

Science— 53239G000

In middle school, students engage in a rigorous sequence of study of Integrated Science through project-based learning.

High School

Advanced Biology— 03052G100

The Advanced Biology course is taken after a comprehensive initial study of biology. This course covers biological systems in more detail. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms. Using this approach students will increase their mathematical and science knowledge through an effective and rigorous integration of the Common Core Standards with the Next Generation Science Standards.

Credit: 1 Credit = 2 Semester

Anatomy and Physiology— 03053G100

Anatomy and Physiology is a one year course that investigates the structure and function of the human body. This class studies the different organ systems within the human body and how they relate to one another in organization, adaptation, and homeostasis. This course is designed to teach these important concepts while also learning and using college best practices. Skills that will be emphasized include memorization, reading and learning from a textbook, college style lecture note-taking, and nonfiction writing. This class will involve laboratory activities, projects, essays, case studies, and dissections. Using this approach students will increase their mathematical and science knowledge through an effective and rigorous integration of the Common Core Standards with the Next Generation Science Standards.

Credit: 1 Credit = 2 Semester

AP Biology-- 03056H100

AP Biology is a yearlong course which is designed to be taken by students after the successful completion of both high school biology and chemistry. AP Biology includes those topics regularly covered in a college introductory biology course and differs significantly from the standards-based, high school biology course with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work performed by students, and the time and effort required of the students. The textbook used by AP Biology is also used by college biology majors and the kinds of labs done by AP students are equivalent to those done by college students. AP Biology is a course that aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. This course is designed to prepare students for the Biology College Board Advanced Placement Exam.

Credit: 1 Credit = 2 Semester, weighted GPA

AP Environmental Science—03207H100

AP Environmental Science is an applied science course designed to be the equivalent of a one semester, introductory college course in environmental science. The goal of this course is to provide students with the scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, and to evaluate the risks associated with these problems and examine alternative solutions for resolving and/or preventing them. The AP Environmental Science course has been developed to be a rigorous science course that stresses scientific principles and analysis and includes a laboratory component; as such, it is intended to enable students to undertake, as first-year college students, a more advanced study of topics in environmental science or, alternatively, to fulfill a basic requirement for a laboratory science and

thus free time for taking other courses. This course was written with the objectives set forth in the AP Environmental Science College Board course description.

Credit: 1 Credit = 2 Semester, weighted GPA

AP Physics I—03163H000

The AP Physics course is designed to enable you to develop the ability to reason about physical phenomena using important science process skills such as explaining causal relationships, applying and justifying the use of mathematical routines, designing experiments, analyzing data and making connections across multiple topics within the course. It is an Advanced Placement course culminating with the AP exam granting the opportunity to earn college credit bases on the assessment performance.

Credit: 1 Credit = 2 Semester, weighted GPA

Astronomy—22004G000

Astronomy courses offer students the opportunity to study the solar system, stars, galaxies, and interstellar bodies. These courses usually introduce and use astronomic instruments and typically explore theories regarding the origin and evolution of the universe, space, and time.

Credit: 1 Credit = 2 Semester

Biology— 03051G100

Biology is an introduction to the study of living things and their interdependence with the environment. This course will emphasize the development of student's scientific process skills, laboratory techniques, and an understanding of the fundamental principles of living organisms. Students will explore biological science as a process, cell structure and function, genetics and heredity, evolution and classification, diversity of living organisms and their ecological roles, and an introduction to animal structure and function. Using this approach students will increase their mathematical and science knowledge through an effective and rigorous integration of the Common Core Standards with the Next Generation Science Standards.

Credit: 1 Credit = 2 Semester

Biology 107: Nutrition Consumer Education—03063H0007

Science of food as it relates to health, including food composition and utilization, food preparation and preservation, nutrition, special diets, fad foods, and foods of the future; social and political aspects of food in the world's future. Writing assignments, as appropriate to the discipline, are part of the course.

Pre-Requisites: Eligibility for Biology 107 is based on prior coursework or CCCRTW, ACT, or SAT test scores, or Consent of Department Chairperson.

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

Biology 120: Terminology for Medical Careers—03063H0020

Basic medical vocabulary for allied health professionals and others with minimal background in anatomy and physiology; includes study of the human body systems. Writing assignments, as appropriate to the discipline, are part of the course.

Pre-Requisites: Eligibility for Biology 120 is based on prior coursework or CCCRTW, ACT, or SAT test scores, or Consent of Department Chairperson.

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

Biology 121: Biology I—03063H000

This dual enrollment course focuses on cellular and molecular biology: introduction to biochemistry, molecular genetics, cell structure, function and processes. This course contains required laboratory and writing assignments, as appropriate to the discipline.

Pre-Requisites: Eligibility for Biology 121 is based on prior coursework or CCCRTW, ACT, or SAT test scores, or Consent of Department Chairperson.

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

Biology 122: Biology II—03063H0022

This dual enrollment course focuses on organismal biology, ecology, and evolution. An introduction to structure and function of major groups of microorganisms, fungi, animals, and plants. Emphasis on evolutionary relationships and ecological principles. Laboratory required. Writing assignments, as appropriate to the discipline, are part of the course.

Pre-Requisites: Grade of C or better in Biology 121

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

Biomedical Sciences—14252G001

Biomedical courses introduce students to the broad field of biomedical science. It provides the study of human medicine, research processes and an introduction to bioinformatics. Students investigate the human body system and various health conditions including: heart disease, diabetes, sickle cell disease, hypercholesterolemia, and infectious diseases.

Credit: 1 Credit = 2 Semester

Chemistry— 03101G100

Chemistry introduces students to the basic fundamentals of chemistry, including what matter is, what the atom is, what the periodic table is, how atoms bond, what energy is from a chemical point of view, how chemical reactions occur, how to balance chemical equations, nuclear chemistry, and acids and bases. Chemistry is a lab-focused curriculum, where scholars do laboratory experiments and watch demonstrations that allow them to engage with the fundamental elements of the Chemistry curriculum. Using this approach students will increase their mathematical and science knowledge through an effective and rigorous integration of the Common Core Standards with the Next Generation Science Standards.

Credit: 1 Credit = 2 Semester

Developmental Biology— 22099G000

The Developmental Biology course will explore the current understanding of the molecular mechanisms that regulate animal development. Evolutionary mechanisms are emphasized as well as the discussion of relevant diseases. Vertebrate (mouse, chick, frog, fish) and invertebrate (fly, worm) models are covered. Specific topics may include formation of early body plan, cell type determination, organogenesis, morphogenesis, stem cells, cloning, and issues in human development.

Credit: 1 Credit = 1 Semester

Engineering Applications-- 21002G000

Engineering Applications is designed to lead students through the development of technical skills through project-based learning. The course hones in on the development of professional visual, written, and verbal communication skills coupled with the integration of science, math, and writing. The student's capstone project each quarter compels them to apply the skills and knowledge built in class to solve relevant problems in their communities. Using this approach students will increase their mathematical and science knowledge through an effective and rigorous study of hydraulics, pneumatics, computer interfacing, robotics, computer-aided design, computer, numerical control, and electronics.

Credit: 1 Credit = 2 Semester

Engineering Technology—21003G000

Engineering Technology provide students with the opportunity to focus on one or more areas of industrial technology. Students apply technological processes to solve real engineering problems; develop the knowledge and skills to design, modify, use, and apply technology; and may also design and build prototypes and working models. Topics covered in the course include the nature of technology, use of technology, and design processes.

Credit: 1 Credit = 2 Semester

Environmental Science-- 03003G100

Environmental Science is a course designed to explore the thematic connections between a variety of science disciplines including biology, chemistry, and physics. Students explore a coherent and realistic picture of the applications of a variety of scientific concepts as they manifest in our environment. . The aim of this course to increase students' knowledge of the environmental challenges of today, while continuing to cultivate scientific critical thinking skills. Using this approach students will increase their mathematical and science knowledge through an effective and rigorous integration of the Common Core Standards with the Next Generation Science Standards.

Credit: 1 Credit = 2 Semester

Forensic Science—15053G000

Forensic Science is the application of science to those criminal and civil laws that are enforced by police agencies in a criminal justice system. It has become a comprehensive subject incorporating Biology, Chemistry, Physics, Entomology, Earth Science, Anatomy and Physiology as well as other aspects of Science. Major topics include processing a crime scene, collecting and preserving evidence, identifying types of physical evidence, organic and inorganic analysis of evidence, hair, fibers, and paint, toxicology, arson and explosion investigations, serology, DNA, fingerprints, firearms, and document analysis. The main focus of this course will be to emphasize the evidential value of crime scene and related evidence and the services of what has become known as the crime laboratory. This course combines basic theory and real laboratory experiments, creating an experiment based situation for the better understanding of the students.

Credit: 1 Credit = 1 Semester

Genetics— 22059G000

The Genetics course explores the genetic basis of life to further their understanding of disease, inheritance, medicine, and most importantly DNA. This course will help prepare students to continue an education in Biology at the college level by promoting critical thinking, problem solving and exposure to rigorous scientific material and connection to the real world. We will cover genetic phenomena at the molecular, cellular, organismal, and population levels. Topics may include transmission of genes and chromosomes, mutation, structure and regulation of the expression of the genetic material, elements of genetic engineering, and evolutionary genetics.

Credit: 1 Credit = 1 Semester

Integrated Science: Contemporary Issues in Science—22201G000

Contemporary Issues in Science focuses on relevant and current issues within the scientific community as it directly relates to students' lives. Students will critically read about various topics, hypothesize solutions and long-term effects, conduct experiments to test hypotheses, and construct their findings through writing and technology.

Credit: 1 Credit = 1 Semester

Physics— 03151G100

Physics is a one year class that investigates predictability in the unknown universe. It incorporates algebraic expressions to define and predict motions of large bodies, electricity and magnetism. Physics is a project-based curriculum, where each week scholars do a laboratory experiment that produces a predictable and measurable result. Scholars are given constraints and asked to find results based on given variables. Using this approach students will increase their mathematical and science knowledge through an effective and rigorous integration of the Common Core Standards with the Next Generation Science Standards.

Credit: 1 Credit = 2 Semester

Robotics—21009G000

In the Robotics course, students use an appropriate Robot Control Language (RCL) to design, develop, implement and debug robotics programs that employ standard structured programming constructs and simple data structures. In the process, they develop a general understanding of robots and the robotics environment. Students may also compete in the First Robotics Competition.

Credit: 1 Credit = 1 Semester

STEM—Studies in Science-- 22999G014

This course promotes critical thinking, teamwork, and problem solving and communication skills. It is aligned with the Next Generation Science Standards and combines biomedical discoveries with hands-on learning on selected NIH health topics.

Credit: 1 Credit = 1 Semester

Topics in Biological Science and Evolution—22099G001

Topics in biological structures and evolution will expose students to major systems in living organisms that allow them to live and function. A major emphasis will be placed on mammal development and organization. The rigor of the content will help students prepare for college

level classes and a large emphasis will be put on study skills, non-fiction reading and writing, and lab environments.

Credit: 1 Credit = 2 Semester

Zoology—22061G000

Zoology courses provide students with an understanding of animals, the niche they occupy in their environment or habitat, their life cycles, and their evolutionary relationships to other organisms. These courses should also help students develop an awareness and understanding of biotic communities.

Credit: 1 Credit = 1 Semester

Computer and Information Sciences

Middle School

Web Page Design — 60201A000

In middle school, the Web Page Design course teaches students how to design websites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages—such as Extensible Hypertext Markup, JAVA Script, Dynamic HTML, and Document Object Model—to develop and maintain a web page. This course may also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet.

High School

AP Computer Science A—10157H000

AP Computer Science follows the College Board's suggested curriculum designed to mirror college-level computer science courses. AP Computer Science A courses provide students with the logical, mathematical, and problem-solving skills needed to design structured, well-documented computer programs that provide solutions to real-world problems. These courses cover such topics as programming methodology, features, and procedures; algorithms; data structures; computer systems; and programmer responsibilities.

Credit: 1 Credit = 2 Semesters

App Design— 10160G000

In the App Design course, students will use the Design Thinking Process to create and build an app for their phones. Students will be able to use programming software (coding) and problem solving techniques as a medium to solve some of today's problems. Students will develop a growth mindset to produce a business plan to market their app creation to their classmates, school, community, a panel of judges, or potential investors. Students will practice presenting to an audience so that they can successfully compete against other students locally, nationally, and globally. By the end of this class students will have the skill set to be a successful entrepreneur in today's highly digitized society.

Credit: 1 Credit = 1 Semester

Computer Applications— 10004G000

In the Computer Applications course, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing

Credit: 1 Credit = 2 Semester

Computer Applications II— 10004G002

In the Computer Applications II, students acquire knowledge of and experience in the proper and efficient use applications that differ from those explored in Computer Applications.

Credit: 1 Credit = 2 Semester

Computer and Information Technology— 10003G000

In the Computer Applications course, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing
Credit: 1 Credit = 2 Semesters

Computer Literacy: Adobe Movie Maker— 10008G001

In this course, students receive instruction in using Adobe Movie Maker that lead to a long-term project.
Credit: 1 Credit = 2 Semester

Digital Graphics— 10202G101

The Digital Graphics course provides students with the opportunity to use the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising, TV/video, and architecture. Course topics include modeling, simulation, animation, and image retouching.
Credit: 1 Credit = 2 Semesters

Digital Literacy and Responsibility (CTE Course)— 10008G001

This foundation-level course prepares students to use technology in a proficient and responsible manner in school, in the workforce, and in everyday life. The course contains skills for working in an Internet or networked environment and the knowledge of what it means to be a good digital citizen and the ability to use technology responsibly. Topics include the benefits and risks of sharing information online, and the possible consequences of inappropriate sharing (oversharing). Students explore the legal and ethical dimensions of respecting creative work. Technology use is a vital employability skill for entry-level and upper-level management positions. Students may be provided with the opportunity to seek industry recognized digital literacy certifications.
Credit: .5 Credit = 1 Semester (Maximum .5 CUs)

Graphic Design—22162G100

Students use various forms of digital media to communicate, demonstrate and illustrate their thoughts effectively and creatively. Students will develop skills needed for Adobe Photoshop CS6 certification. This course will include a laboratory segment that will allow students to develop hands on skills used in each content area. Students will use Adobe Photoshop tools to create and manipulate images used for class and school projects. They will learn foundational skills needed to be successful in the NFTE program which is the capstone senior year.
Credit: 1 Credit = 2 Semester

Introduction to Computer Science/Computer Programing— 10152G000

Computer Programming courses provide students with the knowledge and skills necessary to construct computer programs in one or more languages. Computer coding and program structure are often introduced with the BASIC language, but other computer languages, such as Python may be used instead. Initially, students learn to structure, create, document, and debug computer programs, and as they progress, more emphasis is placed on design, style, clarity,

and efficiency. Students may apply the skills they learn to relevant applications such as modeling, data management, graphics, and text-processing. This course is offered via Amazon Future Engineer's at some, but not all, of our campuses.

Credit: 1 Credit = 2 Semesters

Social Sciences

Middle School

6th History/Nonfiction Reading and Writing—54436G000

In Middle School History/Nonfiction Reading and Writing, students cultivate a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. This course often focuses on the history, culture, and government of various specific world societies. The course integrates Historical Content with Common Core Reading and Language and Writing Standards in a way that requires students read primary and secondary sources in order to draw conclusions and express those in written essays.

7th History/Nonfiction Reading and Writing—54437G000

In Middle School History/Nonfiction Reading and Writing, students cultivate a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. This may focus on the specific history, culture, and government of the United States in preparation for the US Constitution Exam—varies by campus. The course integrates Historical Content with Common Core Reading and Language and Writing Standards in a way that requires students read primary and secondary sources in order to draw conclusions and express those in written essays.

8th History/Nonfiction Reading and Writing—54438G000

In Middle School History/Nonfiction Reading and Writing, students cultivate a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. This may focus on the specific history, culture, and government of the United States in preparation for the US Constitution Exam—varies by campus. The course integrates Historical Content with Common Core Reading and Language and Writing Standards in a way that requires students read primary and secondary sources in order to draw conclusions and express those in written essays.

MS Civics— 54161G000

In middle school Civics, 8th grade students examine the general structure and functions of American systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system.

MS Contemporary Issues—54064G000

In middle school, Contemporary Issues course study the political, economic, and social issues facing the United States and other countries, with or without an emphasis on state and local issues. This course may focus on current issues or may examine selected issues that span throughout the 20th century to the present.

MS History/Nonfiction Reading and Writing—54439G000

In Middle School History/Nonfiction Reading and Writing, students cultivate a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. This course often focuses on the history, culture, and government of various specific world societies. The course integrates Historical Content with Common Core Reading

and Language and Writing Standards in a way that requires students read primary and secondary sources in order to draw conclusions and express those in written essays.

High School

Advanced Entrepreneurship —12053G002

In this course, students use their entrepreneurial skills and mindset to develop and test business concepts and design validated business model canvases. Students conduct customer interviews and work with industry mentors to iterate on their business models until they have demonstrated customer acquisition. Students also develop marketing campaigns and financial and operational plans in preparation for launching their businesses. Towards the end of the school year, students have opportunities to pitch their business concepts to potential investors locally, regionally, and nationally.

Credit: 1 Credit = 2 Semester

AP Human Geography—22004H100

This two-semester course outline is guided by the on-line College Board AP Human Geography Course Description and designed to enable students' discovery of where things are located and why using geographic critical thinking skills. Topics will be drawn from interrelated units consisting of nature and perceptions of geography, population and migration, cultural patterns and processes, political organization of economic development, agricultural, rural and urban land use. Students will learn, apply, and evaluate geographical terms, concepts and content areas utilizing geographic inquiry and spatial analysis to analyze patterns between people and their environment in order to make sense of modern phenomena.

Credit: 1 Credit = 2 Semester, weighted GPA

AP Psychology— 22256H000

The AP Psychology course introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals, expose students to each major subfield within psychology, and enable students to examine the methods that psychologists use in their science and practice. This is a two-semester course that is alignment to the College Boards course requirements and is designed to parallel a college-level psychology class.

Credit: 1 Credit = 2 Semester, weighted GPA

AP United States History— 04104H100

AP U.S. History is a survey course covering American history from the Pre-Columbian period to the present. The class is taught in accordance with the AP U.S. History Curriculum Framework, and is designed to prepare students for the AP U.S. History Exam.

Credit: 1 Credit = 2 Semester, weighted GPA

AP U.S. Government and Politics— 04159H000

This course introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop

evidence-based arguments. The class is taught in accordance with the AP U.S. History Curriculum Framework, and is designed to prepare students for the AP U.S. Government and Politics Exam.

Credit: 1 Credit = 2 Semester, weighted GPA

Civics—04161G000

The Civics course examines the general structure and functions of American systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system.

Credit: 1 Credit = 2 Semester

Contemporary Issues—22106G000

The Contemporary Issues course study the political, economic, and social issues facing the United States and other countries, with or without an emphasis on state and local issues. This course may focus on current issues or may examine selected issues that span throughout the 20th century to the present.

Credit: 1 Credit = 1 Semester

Contemporary World Issues— 04064G000

The Contemporary World Issues course enables students to study political, economic, and social issues facing the world. This course focuses on a teacher selected variety of current issues, examines selected issues throughout the 20th century, and looks at historical causes or possible solutions.

Credit: 1 Credit = 2 Semester

Entrepreneurship —12053G000

The Entrepreneurship course is structure through the organization NFTE ©. This program model is classroom-based with entrepreneurship curricula that teach important career ready skills in the context of building a business plan. Our project-based learning lessons and experiential classrooms further provide students the opportunity to develop an entrepreneurial mindset that supports their ability to solve complex problems, recognize opportunity and understand the value of assessing and taking calculated risks. Programs are rigorous, experiential, and vital to students' futures, and volunteers from local businesses share their expertise in our classrooms. At the end of the course, the students have a chance to compete for seed capital through a series of business plan competitions, from their classroom, to Regionals, to NFTE's national competition.

Credit: 1 Credit = 2 Semester

General Psychology 201—22255H000

The Psychology course provides a historical survey of psychology and a study of the sensory and perceptual processes: learning, thinking, remembering, emotional behavior, motivation, mechanism of adjustment, and the total personality. Writing assignments, as appropriate to the discipline, are part of the course.

Prerequisites: Eligibility for Psychology 201/211 is based on prior coursework or CCCRTW, ACT, or SAT test scores, or Consent of Department Chairperson.

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

History of the American People (History 111/112)— 04062D000

This year long course will be a general study (survey) of North American people, with a particular focus on resistance, revolutionary, and counter cultural movements. The course will focus on the organizations that drove social change and challenged societal norms, as well as the watershed moments of impact that have shaped North American history today. Students will be expected to read significant portions of text independent of class time, as well as submit collegiate style papers at multiple check points throughout the semester.

Credit: 1 Credit = 2 Semester (This is a dual enrollment course and is not offered at all PCS campuses.)

Psychology—22254G000

The Psychology course introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology

Credit: 1 Credit = 2 Semester

Social Psychology 211—22255H011

The Psychology course analyzes development of personality structures and patterns: cultural environment, social roles and status, attitude formation, personality types and measurement of personality. Writing assignments, as appropriate to the discipline, are part of the course.

Prerequisites: Eligibility for Psychology 201/211 is based on prior coursework or CCCRTW, ACT, or SAT test scores, or Consent of Department Chairperson.

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

Social Science Research— 22261G000

The Social Science Research course is for scholars to learn how to utilize different research methods, both digital and text-based, to research a social issue of their choosing. Scholars will use this research to develop potential solutions to these complex issues and create a final project that outlines and describes potential solutions.

Credit: 1 Credit = 1 Semester

Sociology—22258G000

The Sociology course introduces students to the study of human behavior in society. These courses provide an overview of sociology, generally including (but not limited to) topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

Credit: 1 Credit = 2 Semester

Sociology of Sex and Gender— 22259D000

This Sociology course examines the difference between behaviors based on what society says is appropriate in order to be masculine or feminine. It also explores the question of what forces in society are most influential in determining the place of men and women with special emphasis

on power. Examines how this influence works through the process of socialization and core social institutions, including marriage and family, education, religion, the economy, and politics. Writing assignments, as appropriate to the discipline, are part of the course.

Prerequisites: Eligibility for English 101 is based on prior coursework or COMPASS, ACT, or SAT test scores, or Consent of Department Chairperson.

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

United States History— 04101G100

US History examines the major turning points in American history beginning with the events leading up to the American Revolution, the origins of the US constitution, reform movements, Manifest Destiny, the American Civil War and Reconstruction, the impact of the frontier, the changing nature of business and government, World War I, the Great Depression, World War II, the growth of the US as a world power, the Cold War and the struggle to achieve class, ethnic and gender equality. The course extends to the modern day. Contemporary world issues such as globalization, economic interdependence and terrorism will also factor into our analysis of international conflict and cooperation. The course integrates Historical Content with Common Core Language and Writing Standards in a way that requires students read primary and secondary sources in order to draw conclusions and express those in written essays.

Credit: 1 Credit = 2 Semester

United States History and Civics— 04101G101

US History and Civics examines the major turning points in American history for the first semester. During the second semester, students study the general structure and functions of American systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system. The course integrates Historical Content with Common Core Language and Writing Standards in a way that requires students read primary and secondary sources in order to draw conclusions and express those in written essays.

Credit: 1 Credit = 2 Semester

World Civilizations (History 141/142)— 04058D000

This year long course will provide a survey of the evolution of society from the ancient Middle East through Greek and Roman civilizations. Students will study the rise and fall of civilizations and empires, with an emphasis on the legacies they provide to successive societies.

Credit: 1 Credit = 2 Semester (This is a dual enrollment course and is not offered at all PCS campuses.)

World History—04051G100

The World History course builds on the foundational knowledge of the world and various nations. The thematic study begins with the introduction of medieval towns and progresses through the twentieth century, giving special emphasis to the way geography influences culture. Students receive a framework on which later history courses can build. The course integrates Historical Content with Common Core Language and Writing Standards in a way that requires students read primary and secondary sources in order to draw conclusions and express those in written essays.

Credit: 1 Credit = 2 Semester

Physical Education

Middle School

MS Healthy Lifestyle—58001A000

In middle school, Healthy Lifestyles is a course that combines the topics of Health Education courses (nutrition, stress management, substance abuse prevention, disease prevention, first aid, and so on) with an active fitness component (typically including aerobic activity and fitness circuits) with the intention of conveying the importance of life-long wellness habits.

High School

Fitness— 08001G100

Fitness is a blend of strength training and cardiovascular fitness. It offers an opportunity for students to establish a more harmonious self by creating a strong, healthy and limber body while cultivating a peaceful mindset. Students tone, strengthen and stretch their muscles in an energetic and fun environment the lays the foundation for living a healthy lifestyle their entire lives.

Credit: 1 Credit = 1 Semester

Fitness II— 08001G102

Fitness II extends the strength training and cardiovascular fitness introduced in Fitness I. It offers an opportunity for students to establish a more harmonious self by creating a strong, healthy and limber body while cultivating a peaceful mindset. Students tone, strengthen and stretch their muscles in an energetic and fun environment the lays the foundation for living a healthy lifestyle their entire lives.

Credit: 1 Credit = 1 Semester

Health Education— 08051G000

Health Education is a course that typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

Credit: 1 Credit = 1 Semester

Healthy Lifestyles—08052G100

Healthy Lifestyles is a course that combines the topics of Health Education courses (nutrition, stress management, substance abuse prevention, disease prevention, first aid, and so on) with an active fitness component (typically including aerobic activity and fitness circuits) with the intention of conveying the importance of life-long wellness habits.

Credit: 1 Credit = 1 Semester

High Intensity Interval Training —08005G000

High Intensity Interval Training is a course that emphasizes conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness.

Credit: 1 Credit = 1 Semester

Individual Sports— 08003G500

Participation in an official 5K provides students an opportunity to earn a half of a Healthy Lifestyles credit with proper submission of verification forms.

Credit: .5 Credit = 1 Verified 5K

Introduction to Exercise Science — 08017G000

In this course students examine human anatomy and physiology as they pertain to human movement and physical performance in sports activities. These courses may also emphasize the prevention and treatment of athletic injuries.

Credit: 1 Credit = 1 Semester

Sports Conditioning— 08005A001

Sports conditioning emphasizes conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness. It is an exercise class that teaches the importance of preseason conditioning for various sports such as football, track and field, and volleyball. While building athletic skills such as endurance, strength, flexibility, agility and power, students further their knowledge of how these skills prevent injury. This class aims to expose scholars to a wide variety of training techniques and further their understanding of exercise programming. *Credit: 1*

Credit = 1 Semester

Team Sports— 08002G500

PCS Team Sports provide students an opportunity to earn a half of a Healthy Lifestyles credit through participation on an athletic team.

Credit: .5 Credit = 1 Season of Participation

Yoga— 08013G000

This Healthy Lifestyles course emphasizes acquiring knowledge and skills regarding the study of yoga; content includes related topics such as nutrition, stress management, and mindfulness. Students develop and implement a personal fitness yoga plan.

Credit: 1 Credit = 1 Semester

Foreign Languages¹

AP Spanish Language—06112H100

The AP Spanish Language and Culture course is a rigorous course taught exclusively in Spanish that requires students to improve their proficiency across the three modes of communication. The course focuses on the integration of authentic resources including online print, audio, and audiovisual resources, as well as traditional print resources that include literature, essays, and magazine and newspaper articles with the goal of providing a rich, diverse learning experience. Students communicate using rich, advanced vocabulary and linguistic structures as they build proficiency in all modes of communication toward the pre-advanced level.

Credit: 1 Credit = 2 Semester, weighted GPA

French I—06121G100

The purpose of this course is to provide students with an integrated educational experience in learning French as a foreign language. Students will explore French through literacy (reading, writing, listening, and speaking). Students will engage in daily oral language, in which they will have meaningful conversations in French. Listening skills will be enhanced through partner activities and French music and film exposure. Students will also develop an understanding of multiculturalism and its importance to the society and neighborhood in which they live. Overall, students will develop skills which facilitate a critical and creative approach to gaining a basic foundation of French as a foreign language.

Credit: 1 Credit = 2 Semester

French II—06122G100

Students will use their skills gained in French I to continue to delve deeper into French language acquisition. Over the course of the year, students will read various French texts. Through reading, students will be able to continue to strengthen their knowledge of French vocabulary, sentence structures, and language patterns. Students will be able to understand spoken French and respond orally while continuing to increase their fluency.

Credit: 1 Credit = 2 Semester

Honors Spanish II— 06102H100

¹ Foreign Language vary between PCS schools.

Students will use their skills gained in Spanish I to continue to delve deeper into Spanish language acquisition at an advanced pace. We will use the method of teaching proficiency through reading and story-telling (TPRS), but students will move into reading novels that are written in the past tense. Over the course of the year, students will read various mini-stories and three novels. Through reading, students will be able to continue to strengthen their knowledge of Spanish vocabulary, sentence structures, and language patterns. Students will be able to understand spoken Spanish and respond orally while continuing to increase their fluency. Through reading novels, students will also gain a deeper understanding of a variety of Hispanic cultures.

Credit: 1 Credit = 2 Semester

Spanish 101—06101D000

Spanish 101 is a dual-credit course designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

Credit: 1 Credit = 2 Semester (This is a dual enrollment course and is not offered at all PCS campuses.)

Spanish I—06101G100

The purpose of this course is to provide students with an integrated educational experience in learning Spanish as a foreign language. Students will explore Spanish through literacy (reading, writing, listening, and speaking). Students will recognize foreign language as a vessel through which academic skills are strengthened to support the SAT and other content areas. Students will engage in daily oral language, in which they will have meaningful conversations in Spanish. Listening skills will be enhanced through partner activities and Spanish music and film exposure. Students will also develop an understanding of multiculturalism and its importance to the society and neighborhood in which they live. Overall, students will develop skills which facilitate a critical and creative approach to gaining a basic foundation of Spanish as a foreign language.

Credit: 1 Credit = 2 Semester

Spanish II— 06102G100

Students will use their skills gained in Spanish I to continue to delve deeper into Spanish language acquisition. We will use the method of teaching proficiency through reading and story-telling (TPRS), but students will move into reading novels that are written in the past tense. Over the course of the year, students will read various mini-stories and three novels. Through reading, students will be able to continue to strengthen their knowledge of Spanish vocabulary, sentence structures, and language patterns. Students will be able to understand spoken Spanish and respond orally while continuing to increase their fluency. Through reading novels, students will also gain a deeper understanding of a variety of Hispanic cultures.

Credit: 1 Credit = 2 Semester

Electives²

Middle School

MS Advisory— 72101G000

In middle school, Advisory is time in each day where teachers meet with small groups of students for the purpose of advising them on academic, social, or future-planning issues. This course is designed to ensure that at least one adult in the school is getting to know each student well, making sure their learning needs are being met, and encouraging them to make good academic choices and plan for their future. Advisories are designed to foster stronger adult-student relationships and a stronger sense of belonging and community among students.

MS Blended Learning— 22005G000

In middle school, Blended Learning provides the opportunity and time for students to complete personalized learning assignments for intervention/enrichment in their grade level course work. Students work on individualized learning paths, and are also pulled into groups for additional support by a teacher.

MS Self-Directed Learning—72006G000

In middle school, Self-Directed Learning provides the opportunity and time for students to complete personalized learning assignments and/or projects. Students typically work on their own; however, they can also be pulled into groups for support by a teacher.

High School

Advanced Arts: Honors Choir— 05110D000

This Fine Arts course provides the opportunity to develop vocal techniques in a variety of choral literature styles for all voices. This course is a part of the CPS Advanced Arts Program. AAP is a free early college and career arts program open to all high school Juniors and Seniors. AAP Students advance throughout the school year with the support of two teachers - a CPS teacher and a teaching artist. Our teachers and teaching artists hail from some of the most prestigious visual and performing arts schools and have high-quality relatable work experiences to share with students in the arts.

Prerequisites: Eligibility for Advanced Arts is based on prior coursework or Consent of Department Chairperson.

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

Advanced Arts: Honors Dance— 05049H000

This Fine Arts course provides the opportunity to develop dance techniques in one or several dance forms (i.e., modern, jazz, ballet, and tap). Initial classes are usually introductory and offer or require experience in choreography and dance evaluation. AAP Students advance throughout the school year with the support of two teachers - a CPS teacher and a teaching artist. Our teachers and teaching artists hail from some of the most prestigious visual and

² Foreign Language and Electives vary between PCS schools.

performing arts schools and have high-quality relatable work experiences to share with students in the arts.

Prerequisites: Eligibility for Advanced Arts is based on prior coursework or Consent of Department Chairperson.

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

Advanced Arts: Modern Rock Band— 05105H000

This Fine Arts course provides the opportunity to develop techniques for playing brass, woodwind, percussion, and string instruments, as well as guitars and keyboards, focusing primarily on rock band styles. AAP Students advance throughout the school year with the support of two teachers - a CPS teacher and a teaching artist. Our teachers and teaching artists hail from some of the most prestigious visual and performing arts schools and have high-quality relatable work experiences to share with students in the arts.

Prerequisites: Eligibility for Advanced Arts is based on prior coursework or Consent of Department Chairperson.

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

Business Mathematics: Business 141:— 22154H000

This dual enrollment course provides a review of basic arithmetic principles, application of arithmetic operations to business forms and to analysis and solution of problems of percentage, markup and markdown, discounts, interest, prorating, life and property insurance, taxation, and payrolls. Writing assignments, as appropriate to the discipline, are part of the course

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

ChicagoBuilds--RS1 Production Technology Level I— 13052G001

Chicago Builds is a 2-year off-campus construction training program for 11th and 12th grade CPS students who are interested pursuing a profitable career in the construction field after graduating high school. In year one, students participate daily in a 2-hour Introduction to Construction course that takes place in newly remodeled construction labs taught by industry professionals. In year two, students choose a pathway in which to specialize.

Credit: 2 Credits = 2 Semesters

ChicagoBuilds—RS2 Production Technology Level II— 13052G002

Chicago Builds is a 2-year off-campus construction training program for 11th and 12th grade CPS students who are interested pursuing a profitable career in the construction field after graduating high school. In year one, students participate daily in a 2-hour Introduction to Construction course that takes place in newly remodeled construction labs taught by industry professionals. In year two, students choose a pathway in which to specialize.

Credit: 2 Credits = 2 Semesters

Chicago Police and Firefighter Academy —750101R

The Chicago Police and Firefighter Training Academy (CPFTA) program provides training for students interested in careers in public safety, law enforcement, criminal justice, and fire science. The 2-year program was developed jointly by the Chicago Public Schools' Department of Career and Technical Education (CTE), the Chicago Police Department (CPD), the Chicago

Fire Department (CFD), and the City Colleges of Chicago (CCC). The program recruits and trains up to 250 public and non-public high school students each year. One of the immediate goals is to provide a pool of qualified applicants for the city's police and fire academies.

Credit: 1 Credit = 2 Semesters

Consumer Economics—22210G000

Consumer Economics courses provide students with an understanding of the concepts and principles involved in managing one's personal finances. Topics include savings and investing, - 326 credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also provide an overview of the American economy.

Credit: 1 Credit = 1 Semester

Creative Art I— 05154G100

Creative Art I is a course that provides an introduction to art through a multi-media experience. Students will learn and apply the elements and principles of design to produce creative art projects that reflect their understanding of these concepts.

Credit: 1 Credit = 1 Semester

Creative Art II— 05154G102

Creative Art II is a course that extends the elements and principles of design introduced in Creative Art I. Students will learn and apply advanced design techniques through a multi-media experience to produce creative art projects that reflect their understanding of these concepts. Drawing, Painting, Collage, 3D design, and art history is included in the curriculum.

Credit: 1 Credit = 1 Semester

Criminal Justice: 102—15051D000

Criminal Justice courses train students to understand and apply the principles and procedures essential to the U.S. criminal justice system. These courses explore the principles and structure of the justice system and the law, and course content also typically includes investigation, search and arrest, and laboratory, forensic, and trial procedures.

Credit: 1 Credit = 2 Semester (This is a dual enrollment course and is not offered at all PCS campuses.)

Dance Technique— 05001G100

Dance Technique is a course that provides experience in one or several dance forms (e.g., modern, jazz, ballet, and tap). Initial classes are usually introductory in nature, while the more advanced classes concentrate on improving students' technique and may offer or require experience in choreography and dance evaluation.

Credit: 1 Credit = 1 Semester

Diversified Occupations: GenesysWorks—22153G000

Diversified Occupations courses help students enter the workforce through career exploration, job search and application, and the development of positive work attitudes and work-related skills. These courses typically cover such topics as career planning and selection, money management, communication skills, interpersonal business relationships and behaviors, and

personal responsibility. Employment may be a required component of these courses, or students may be required to enroll concurrently in a work experience course.

Credit: 1 Credit = 1 Semester

Documentary Film—11051G000

Documentary Film is a course that exposes students to the materials, processes, and artistic techniques involved productions of documentary films. Students learn about the operation of a camera, lighting techniques, camera angles, depth of field, composition, storyboarding, sound capture, and editing techniques. Students may also study major filmmakers, cinematographers, and their films and learn about film, television, and video.

Credit: 1 Credit = 1 Semester

Education 101: Educational Methodology— 19152D000

This course will prepare students to teach and guide others. This course provides opportunities for students to develop their own teaching objectives, to design lesson plans, and to experience teaching in a controlled environment. Students examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques.

Prerequisites: Eligibility for English 101 is based on prior coursework or COMPASS, ACT, or SAT test scores, or Consent of Department Chairperson.

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

Education 101: Introduction to Education— 19151D000

This course will provide an introduction to teacher as a profession in the American education system. The course offers a variety of perspectives on education including historical, philosophical, social, legal, and ethical issues in a diverse society. It includes organizational structure and school governance. A field experience is required. Writing assignments, as appropriate to the discipline, are part of the course.

Prerequisites: Eligibility for English 101 is based on prior coursework or COMPASS, ACT, or SAT test scores, or Consent of Department Chairperson.

Credit: 1 Credit, 3 Hours = 1 Semester, weighted GPA (This is a dual enrollment course and is not offered at all PCS campuses.)

Employability Skills — 22152M000

The Employability Skills course helps students match their interests and aptitudes to career options with a focus on using employment information effectively, acquiring and improving job-seeking and interview skills, composing job applications and resumes, and learning the skills needed to remain in and advance within the workplace. Course content may also include consumer education and personal money management topics.

Credit: 1 Credit = 1 Semester

Exploration in Drama— 05054G100

Exploration in Drama is a course that is designed to enhance students' understanding of life through the study and performance of dramatic works. They emphasize developing students'

ability to express themselves and establish personal criteria for the critical evaluation of drama activities.

Credit: 1 Credit = 1 Semester

Film—05168G000

Film is a course that exposes students to the materials, processes, and artistic techniques involved in film, television, or videotape. Students learn about the operation of a camera, lighting techniques, camera angles, depth of field, composition, storyboarding, sound capture, and editing techniques. Course topics may also include production values and various styles of filmmaking (documentary, storytelling, news magazines, animation, and so on). As students advance, the instruction becomes more refined, and students are encouraged to develop their own artistic style. Students may also study major filmmakers, cinematographers, and their films and learn about film, television, and video and their relationships to drama and theater.

Credit: 1 Credit = 1 Semester

Guidance Aide— 22052G000

Guidance Aide courses provide students with the opportunity to work in the campus guidance office. Duties may include typing, filing, record-keeping, assisting students, answering the telephone, and duplicating, among others. Students may also act as guides to new students. These courses emphasize appropriate work attitudes, human relations, and proper office procedures.

Credit: 1 Credit = 1 Semester

HS Advisory—22105G000

The Advisory course is time in each day where teachers meet with small groups of students for the purpose of advising them on academic, social, or future-planning issues. This course is designed to ensure that at least one adult in the school is getting to know each student well, making sure their learning needs are being met, and encouraging them to make good academic choices and plan for their future. Advisories are designed to foster stronger adult-student relationships and a stronger sense of belonging and community among students.

Credit: 1 Credit = 1 Semester

HS Blended Learning—22005G000

HS Blended Learning provides the opportunity and time for students to complete personalized learning assignments for intervention/enrichment in their grade level course work. Students work on individualized learning paths, and are also pulled into groups for additional support by a teacher.

Credit: 1 Credit = 2 Semester

HS Self-Directed Learning— 22006G000

HS Self-Directed Learning provides the opportunity and time for students to complete personalized learning assignments and/or projects. Students typically work on their own; however, they can also be pulled into groups for support by a teacher.

Credit: 1 Credit = 2 Semester

Introduction to Business: Business 111—12051D000

Introductory Business courses survey an array of topics and concepts related to the field of business. These courses introduce business concepts such as banking and finance, the role of government in business, consumerism, credit, investment, and management. They usually provide a brief overview of the American economic system and corporate organization.

Credit: 1 Credit = 2 Semester (This is a dual enrollment course and is not offered at all PCS campuses.)

Introduction to Engineering Design—21006G001

Introduction to Engineering Design uses the Project Lead the Way curriculum to provide students with the foundational knowledge necessary to engage with the design process. Using open-ended projects and problems, they will formally plan, document, and communicate their solutions to real-world challenges. Instruction will include the use of current 3D design and modeling software, statistical analysis, and mathematical modeling. Ethical issues related to professional practice and product development in the engineering field are also incorporated.

Credit: 1 Credit = 2 Semester

Jazz Ensemble— 05106G000

Jazz Ensemble is a course that is intended to develop students' technique for jazz music with appropriate musical instruments in a small ensemble group.

Credit: 1 Credit = 1 Semester

Journalism--11101G000

Journalism courses (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasize writing style and technique as well as production values and organization. Journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing.

Photography and photojournalism skills may be included.

Credit: 1 Credit = 1 Semester

Leadership—22101G000

Leadership courses are designed to strengthen students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.

Credit: 1 Credit = 1 Semester

Math Lab—22999G001

Math Lab integrates one-on-one Math Tutoring, small group instruction, and Educational Technology that allows students to focus on their math skill development in the environment best suited for their learning style. The course is designed for students to follow an individualized learning path that meets their specific needs, interests, and goals while also developing math knowledge and strategies most efficiently.

Credit: 1 Credit = 2 Semesters

Photography—05167G000

Photography will expose students to the materials, processes, and artistic techniques of taking artistic photographs. Students learn about the operation of a camera, composition, lighting techniques, depth of field, filters, camera angles, and digital photography. The course may cover black-and-white photography, color photography, or both. As students advance, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic style. These courses may also cover major photographers, art movements, and styles.

Credit: 1 Credit = 2 Semester

Principles of Engineering—21004G000

Principles of Engineering uses the Project Lead the Way curriculum to build off of the foundation established in Introduction to Engineering Design. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem-solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Credit: 1 Credit = 2 Semester

Service: Peace and Leadership— 22104G000

Service: Peace and Leadership is a course designed to provide students with the opportunity to volunteer their time, energy, and talents to serve a community project or organization. These courses are usually (but not always) conducted with a seminar component, so that students can use their volunteer experiences to learn how to solve problems, make decisions, and communicate effectively.

Credit: 1 Credit = 1 Semester

Standardized Test Preparation—22001G100

Standardized Test Preparation courses help prepare students for national standardized tests such as the PSAT, SAT, and ACT. In particular, these courses assist students in developing and/or expanding their vocabulary, test taking, and reasoning skills through study, lecture, and practice drills. Course topics may include vocabulary review; root words, prefixes, and suffixes; mathematical concepts, logic, and rules; and general problem-solving and test taking strategies.

Credit: 1 Credit = 1 Semester

Study Hall— 22006G001

The Study Hall courses provide students with the opportunity and time to complete classroom assignments or school projects.

Credit: 1 Credit = 2 Semester

Study Hall: Credit Recovery— 22006G002

The Study Hall: Credit Recovery course provide students with the opportunity and time to complete credit recovery course work 40% of the time and soft/executive functioning skills with a mentor 60% of the time to develop students' skills to ensure their present and future success.

Credit: 1 Credit = 2 Semester

Study Skills— 22003G100

The Study Skills course prepares students for success in high school and/or for postsecondary education. Course topics may vary according to the students involved, but typically include reading improvement skills, such as scanning, note-taking, and outlining; library and research skills; listening and note-taking; vocabulary skills; and test-taking skills. The courses may also include exercises designed to generate organized, logical thinking and writing.

Credit: 1 Credit = 1 Semester

YMCA Achievers —22151A000

The Achievers Program gives youth the chance to develop the career development and life-planning skills that are essential for future success, adults the opportunity to serve as role models for future leaders, and companies the opportunity to support urban youth and enhance their corporate image while investing in the youth of today and building tomorrow's workforce.

Credit: 1 Credit = 1 Semester

A Disciplined Life® Curriculum

A Disciplined Life® is the pursuit of self-love, healthy relationships and personal achievement. *A Disciplined Life* is a set of 26 principles that guide our actions and create a common language. It's a curriculum. It's a conversation. It's a set of practices that shape a culture of excellence in an organization. *A Disciplined Life* is a set of life skills that we develop and carry with us, skills that guide successful people. *A Disciplined Life* is the pursuit of a meaningful life.

The *A Disciplined Life®* Curriculum is present in grades six through twelve. For each grade, there is an Essential Question, 4 Units (one per quarter), 6-10 Lessons per unit, an end of quarter assessments, and an ADL Summit Project completed at the end of each semester.

6th Grade – ADL Self Perspective—72106G006

Essential Question: How will living A Disciplined Life® broaden my perspective of myself?

Perspectives welcomes its 6th graders into the world of A Disciplined Life, which will support students in understanding who they are, where they want to go, and what they need to do in order to get there. We enthusiastically welcome our 6th graders into the Perspectives Family and eagerly anticipate this year of exploration, learning, and growth.

7th Grade – ADL Building Relationships—72106G007

Essential Question: How will living A Disciplined Life® guide me to be a good friend and choose a good friend?

Scholars will focus on ADL Foundations and how being a good friend and choosing good friends contributes to a strong school community.

8th Grade – ADL Leadership— 72106G008

Essential Question: How will A Disciplined Life® guide me to be my own personal leader?

Scholars will understand that A Disciplined Life contributes to building a strong identity as well as a community of leaders.

9th Grade – ADL: Freshman Academy— 22106G109

Essential Question: How will living A Disciplined Life® guide me as a serious scholar?

Freshmen scholars will focus on how to utilize the ADL Principles that will help them transition from middle to high school and build a community of awareness, empathy, and scholarship.

Credit: 1 Credit = 2 Semesters

10th Grade – ADL: Social Justice— 22106G110

Essential Question: How will living A Disciplined Life® support social change in our world?

Scholars will use A Disciplined Life® as a launching pad from which to work for social justice and positive change.

Credit: 1 Credit = 2 Semesters

11th Grade – ADL: College Prep I— 22106G111

Essential Question: How will living A Disciplined Life® influence my college and career path?

11th grade ADL students will use the traits of A Disciplined Life® to prepare to succeed in their future careers and to establish themselves as professionals through their internships.

Credit: 1 Credit = 2 Semesters

11th Grade – ADL Junior Internship—Workplace Experience— 22998G000

Perspectives juniors participate in the PCS Internship Program that provide students with work experience in a field related to their interests. This experience involves authentic study in the field with current professionals and discussion regarding experiences that students encounter in the workplace.

12th Grade – ADL: College Prep II—22106G112

Essential Question: How will living A Disciplined Life® support my college and life success?

Scholars will focus on embodying the philosophy of A Disciplined Life® and reflecting on its impact on them as college applicants pursuing their future. 12th grade ADL students will use the traits of A Disciplined Life® to explore their skills, interests, needs, and biases about college life, and seek admittance and scholarships for these institutions. They will use their developed understanding to discover the colleges and universities that best suit them. Students will also learn about the great opportunities they can seek in and out of the classroom while in college to set themselves up for success.

Credit: 1 Credit = 2 Semesters

ⁱ Not all courses in the PCS Course Catalogue are available at all PCS campuses every school year.