

PATHWAYS

FUTURE CENTER SCHOOL

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COURSE GUIDE

2021/2022



Dear Pathways Student,

The staff at Pathways Future Center School is excited to help you complete your high school diploma in our unique school environment. Pathways Future Center School is an alternative high school in the Adams 12 Five Star School District that utilizes a blended learning environment. We combine online classes with in person instruction and support to create a credit recovery program to fit the needs of individual students. Our school creates a “community college light” atmosphere and has adults who truly care about our students. Everything we do at Pathways is done to support the goal of graduation.

We offer two types of diplomas at Pathways. The Traditional Diploma track is the same diploma that you earn at the comprehensive high schools in the school district. The Competency Based Diploma track is a work force readiness program that has been created for those students that are older and severely credit deficient. Each student that enters Pathways will meet with an administrator and counselor in order to choose the most appropriate path to a high school diploma.

All students should be aware of their individual graduation plans. Upon entering Pathways, each student will meet with a counselor to develop a path to graduation. As a credit recovery school, counselors work with students to fill specific credit gaps with our course offerings. Students should refer to their graduation plans at the beginning of each semester in order to have a strong understanding of courses needed to graduate. Most students will have very specific courses that they need to pass in order to graduate, but they will also take a few courses of choice to fulfill general elective requirements.

Graduation requirements have changed starting with the Class of 2021. In addition to completing credits in specific categories, students must demonstrate college and career readiness in English and Math. These requirements are outlined in this course guide. It is important for students to discuss these requirements with their counselors in order to complete all items prior to a set graduation date. Students should also discuss their post-secondary plans with their counselors, as some future options will require students to take specific high school courses.

*We are excited to help each student create a path to graduation. **Welcome to Pathways Future Center School!***

A handwritten signature in black ink, appearing to read "Matt Schmidt".

*Matt Schmidt
Principal*

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CONTENT STANDARDS

Adams Twelve Five Star Schools curriculum frameworks are aligned with Colorado State Standards. These frameworks are the instructional guidelines for each content area. The online courses used at Pathways have been aligned with the district's curriculum frameworks. If information that is more specific is needed, please contact the course instructor or the Curriculum and Instruction Administrator.

STUDENT SCHEDULES

As a credit recovery program, counselors build student schedules prior to the start of each semester with individual credit needs in mind. Counselors will meet with students to provide course options in areas where students have choices. Students should review the courses in this course guide to gain an understanding of options they may have to fulfill specific credit categories. Counselors will build graduation plans for each student that incorporate both online classes and potential work credit when it applies. Students that are completing the Competency Based Diploma at Pathways will have a prescribed course path. Students should keep track of their own graduation plans and refer back to them as they map out their graduation timeline. Students also need to remember that a graduation plan is only valid if students pass classes. Any graduation timeline can be delayed if classes are not passed.

MATERIALS & SUPPLIES

Students are expected to provide individual materials necessary for note taking on a daily basis (Paper, Pens, Pencils, etc.). Students attending Pathways must have reliable internet access outside of school in order to complete online coursework outside of the school setting. The school does have a limited number of devices to check out to students who need computers at home. In order to check out a device, a student must be in good attendance standing with the school and have outstanding student fees of no more than \$100.00 at the time of checking out the device.



GRADE POINT SYSTEM

Letter Grades:

100 – 90	A – Superior	I – Incomplete (work must be completed or the incomplete grade will be changed to an “F”)
89 – 80	B- Above Average	P - Pass
79 – 70	C – Average	
69 – 60	D – Below Average	
59 – 0	F – Failing (No Credit Awarded)	

All courses receiving a letter grade will be used in computing the student’s grade point average (GPA).

Grade Point Average:

A grade point average (GPA) is an average of all grades attained and the number of classes attempted. The following point scale will be used to compute GPA:

Grade Points
A = 4 Points
B = 3 Points
C = 2 Points
D = 1 Point
F = 0 Points

1. **Pass:** Grade marks of a “P” are not figured into a student’s GPA. Courses graded as a “P” include all ACT WorkKeys courses and some independent study courses.
2. **Incompletes:** The grade of “I” shall be given only when unforeseen and uncontrollable circumstances prevent the student from completing work on time. An incomplete grade will be recorded and calculated into the GPA with zero grade points. If an administrator has approved the issuance of an incomplete grade, a timeline to finalize the grade will be determined. When the incomplete grade is changed, the cumulative GPA and credit status will be updated appropriately. Incomplete grades not changed by the determined deadline automatically will become an “F”.
3. **Recording Grades:** A grade for each course carried must be recorded on the student’s permanent record at the end of each grading period and may not be removed or changed without the consent of the teacher involved and the Principal’s or designee’s approval. Students who fail a course may be able to receive a grade change to a passing grade once a course is passed. Grade changes require counselor and administrator approval.

OUTSIDE CREDIT

Outside credits are defined as credits earned outside the normal Adams 12 Five Star Schools curricular offerings. (Adams 12 Summer School classes count as in-district credits.)

1. After enrolling at Pathways Future Center School, a maximum of 3.0 units of credit from outside institutions or agencies may be applied toward graduation. These outside institutions and agencies must hold North Central Accreditation.
2. Concurrent enrollment may be an option for students who require a higher academic level than is available at Pathways. Students should meet with their counselor to discuss eligibility and complete required paperwork. All paperwork must be submitted to the Principal 60 days prior to enrollment at the post-secondary institution. Please refer to Superintendent Policy 6285 for details.
3. Credit assigned to courses in programs conducted by outside institutions and agencies shall be accepted unless there is evidence of a major disproportion between the credit gained in the regular high school program and that granted by the outside institution or agency. Credit will not be granted if the outside coursework is below or equal to courses already granted credit on a Pathways transcript.
4. College semester hours shall be accepted according to the following scale:
1.0 semester college hour equals 0.25 high school credits.

TRANSCRIPTS

Student transcripts are usually required with applications for college admissions, scholarships, employment, etc. Students need to see the Pathways registrar to request transcripts. Official Transcripts will be sent electronically to those colleges using the Naviance system. In the case where a paper copy needs to be mailed, the transcript will be signed, sealed and placed into an envelope for the student to pick up and mail. Students are responsible for picking up processed transcripts and then sending them to the appropriate agencies.

STUDENT OBLIGATIONS/FEES/FINES

Students are required to return all school books, supplies, athletic uniforms, etc. to the school where the items were received. Fines and fees must be paid prior to a student's graduation ceremony. Students will not have the opportunity to participate in the graduation ceremony until all obligations are paid in full and all books and materials are returned. Students should meet with the bookkeeper with any questions.

COUNSELING SERVICES

Students will be assigned a counselor based on their diploma type and school session. The assigned counselor has access to records, grades, credit information, and test scores. Pathways will help students prepare for life after high school by working with them to develop an Individual Career and Academic Plan (ICAP). Students will use Naviance and complete a Graduation Toolkit. This toolkit is required for graduation and will help students explore career and college opportunities, and the preparation needed to enter the professions and occupations that students are exploring.

DIPLOMA OPTIONS

Pathways Future Center School offers two unique diploma tracks for students:

Traditional Diploma Program

The Traditional Diploma Program is designed to help support students acquire the 23 credits needed to earn a Pathways Futures Center Diploma. These are the same requirements as our traditional high schools in Adams 12 Five Star Schools with one exception. To graduate from Pathways, students must complete the Graduation Tool Kit. This project is designed to help you examine your past, your present, and to develop a plan for your future. Students who apply to this program are typically 17 - 20 years old who come to us with 15 or more credits.

Competency-Based Diploma Program

The Competency-Based Diploma Program is not based on a credit system like our traditional program. The Competency-Based Diploma establishes your ability to demonstrate knowledge and skills by passing a government course, passing eleven WorkKeys tests, and completing the Graduation Tool Kit. Students who apply to this program are typically 18 - 20 years old who come to us with less than 10 credits.

GRADUATION REQUIREMENTS (CLASS OF 2021 AND BEYOND)

Graduation requirements are based on current board policy and may be changed at any time by the Board of Education. Graduation includes two parts:

1. Completion of Credits and Coursework
2. Demonstration of College and Career Readiness in English and Math

Part 1 – Traditional Diploma

Graduation Requirements – Categories	Credits
English	4.0
Math	3.0
Science	3.0
Social Studies	1.5
US History	1.0
US Government/Civics	0.5
*Physical Education	1.0
**Fine or Practical Arts	2.0
Electives	7.0
TOTAL	23

Part 1 – Competency Based Diploma

COURSE NAME	COURSE TYPE (CREDIT IF APPLICABLE)
US Government/Civics	0.5 Credit (Standard Grading)
Senior Toolkit	Pass/Fail
Workplace Documents	ACT WorkKeys (Pass/Fail)
Graphic Literacy	ACT WorkKeys (Pass/Fail)
Applied Mathematics	ACT WorkKeys (Pass/Fail)
Applied Technology	ACT WorkKeys (Pass/Fail)
Working in Teams	ACT WorkKeys (Pass/Fail)
Workplace Observation	ACT WorkKeys (Pass/Fail)
Customer Service	ACT WorkKeys (Pass/Fail)
Work Discipline	ACT WorkKeys (Pass/Fail)
Problem Solving and Critical Thinking	ACT WorkKeys (Pass/Fail)
Interpersonal and Business Communication	ACT WorkKeys (Pass/Fail)
Personal Finance	ACT WorkKeys (Pass/Fail)

Part 2 – Traditional Diploma and Competency Based Diploma

Students must receive a minimum score in English and Math in order to demonstrate College and Career Readiness. Students may use different assessments to show demonstration in English and Math.

Assessment	English	Math
ACCUPLACER	62 Reading or 70 Sentence Skills	61 Elementary Algebra
ACT	18	19
WorkKeys	Bronze or Higher	Bronze or Higher
Advanced Placement (AP)	2	2
ASVAB	31	31
Concurrent Enrollment	Passing Grade	Passing Grade
District Capstone	District Determined	District Determined
Industry Certificate	District Determined	District Determined
International Baccalaureate	4	4
SAT	470	500
Collaborative Developed Assessment	In Process	In Process

Students who have successfully completed the requirements of the Board of Education by the school's determined "Senior Last Day" and are in good standing may participate in the graduation ceremony.

CDHE REQUIREMENTS

In October 2003, the Colorado Department of Higher Education (CDHE) revised the Admission Standards Policy to include the addition of a pre-collegiate curriculum requirement. The Higher Education Admission Requirements, then, are entry requirements for students planning to attend any of Colorado's public four-year colleges or universities. The revised admission standards apply to students who are to graduate from high school and who seek to qualify for admission to one of Colorado's four-year public institutions. Community colleges will continue to be open admissions; students enrolling in these institutions are not subject to admissions standards. It is strongly recommended that parents/students review specific requirements and course approvals of the desired higher education institution.

CDHE Requirements

English	4**
Math (Algebra 1 or Higher)	4***
Science (Two Lab Sciences)	3***
Social Studies (At least one US or World History)	3
Foreign Language	1*
Academic Electives	2****
Total	17 Credits

*Some universities require completion of Level 2 or 3 of a Foreign Language. Check the admissions criteria of the universities you are considering.

**Two units of ESL English may count for HEAR requirements when combined with two units of successfully completed college preparatory English.

***College-preparatory ESL mathematics/science courses that include content and academic rigor/level comparable to other acceptable courses may satisfy HEAR requirements.

****Acceptable Academic electives include additional courses in English, mathematics, natural/physical sciences, social sciences, foreign language, art, music, journalism, drama, computer science, honors, Advanced Placement, International Baccalaureate courses, and appropriate CTE course.

COLLEGE ENTRANCE REQUIREMENTS

Many students will continue their formal education after graduation. If your plans include post-secondary education, you should keep in mind the following factors upon which college admission is generally dependent:

1. *Grade Point Average and Class Rank*: Grades are important. Your class rank is determined from your cumulative GPA, and is computed at the end of each semester.
2. *Course Selection*: Make sure to see the Colorado Department of High Education requirements and college/university requirements when choosing courses.
3. *College Admission SAT*: Colleges rely on the SAT and ACT testing programs for admission and/or placement. These tests are primarily taken during a student's junior year. The SAT is state mandated and will be given in the spring of the junior year, paid for by the state. Students can take the ACT or retake the SAT on their own to improve their scores. Students should go to www.actstudent.org (ACT) or www.collegeboard.org (SAT) to register.
4. *Activities*: Participants in activities such as student government, performing arts, clubs, and athletics are considered to be important. In addition, community service is becoming increasingly more important for scholarships.
5. *Personal Recommendations by Teachers and Counselors*: Letters of recommendation help students in applying for both admissions and scholarships.
6. *Personal Essay or Statement*: Many schools require an essay or personal statement written by the candidate. The essay should provide the reader a glimpse into the student's life beyond numbers provided by the GPA and test scores.

HIGH SCHOOL CREDIT FOR STANDARDIZED ASSESSMENTS

SAT and CMAS: Eleventh grade students may earn up to a maximum of .75 credit (.25 English, .25 Math, and/or .25 Science)

- 1) Students will receive the .25 credit of English if their SAT score reflects the following:
 - a. EBRW score is 480 or higher or
 - b. EBRW student growth percentile of 66 or higher
- 2) Students will receive .25 credit of Math if their SAT score reflects the following:
 - a. Mathematics score is 530 or higher or
 - b. Mathematics student growth percentile of 66 or higher
- 3) Students will receive the .25 credit of Science if their CMAS Science score reflects Met or Exceeded Expectations.

NWEA MAPS Assessment: Any Pathways student may earn up to a maximum of .5 credit (.25 English and/or .25 Math)

- 1) Students will receive the .25 credit of English if their NWEA MAPS English score is at or above grade level, or by meeting an individual growth target between first and second attempts on the exam.
- 2) Students will receive the .25 credit of Math if their NWEA MAPS Math score is at or above grade level, or by meeting an individual growth target between first and second attempts on the exam.

ENGLISH COURSES

eEnglish I (Semesters 1 and 2) 0.5 credit per semester

This freshman-year English course engages students in literary analysis and inferential evaluation of great texts both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students will read a range of classic texts including Homer's *The Odyssey*, Shakespeare's *Romeo and Juliet*, and Richard Connell's "The Most Dangerous Game." They will also study short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course.

eEnglish II (Semesters 1 and 2) 0.5 credit per semester

Focused on application, this sophomore English course reinforces literary analysis and twenty-first century skills with superb pieces of literature and literary nonfiction, application e-resources, and educational interactives. Each thematic unit focuses on specific literary analysis skills and allows students to apply them to a range of genres and text structures. As these units meld modeling and application, they also expand on training in media literacy, twenty-first century career skills, and the essentials of grammar and vocabulary. Under the guidance of the eWriting software, students also compose descriptive, persuasive, expository, literary analysis, research, narrative, and compare-contrast essays.

eEnglish III (Semesters 1 and 2) 0.5 credit per semester

This junior-year English course invites students to delve into American literature from early American Indian voices through contemporary works. Students engage in literary analysis and inferential evaluation of great texts as the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students master comprehension and literary analysis strategies. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.

eEnglish IV (Semesters 1 and 2) 0.5 credit per semester

This senior-level English course offers fascinating insight into British literary traditions spanning from Anglo-Saxon writing to the modern period. With interactive introductions and historical contexts, this full-year course connects philosophical, political, religious, ethical, and social influences of each time period to the works of many notable authors, including Chaucer, William Shakespeare, Queen Elizabeth I, Elizabeth Barrett Browning, and Virginia Woolf. Adding an extra dimension to the British literary experience, this course also exposes students to world literature, including works from India, Europe, China, and Spain.

eReading (Semesters 1 and 2) 0.5 credit per semester

This course builds reading skills for students on Individual Education Plans. Reading standards are addressed and individual student plans are built to meet goals set in IEPs. Course may be repeated for credit.

Writing I (Semesters 1 and 2) 0.5 credit per semester

This course builds writing skills for students on Individual Education Plans. Writing standards are addressed and individual student plans are built to meet goals set in IEPs. Course may be repeated for credit.

Voyager English III (Semesters 1 and 2) 0.5 credit per semester

This course builds reading and writing skills for students on Individual Education Plans. English standards are addressed and individual student plans are built to meet goals set in IEPs.

Voyager English IV (Semesters 1 and 2) 0.5 credit per semester

This course builds reading and writing skills for students on Individual Education Plans. English standards are addressed and individual student plans are built to meet goals set in IEPs.

ENGLISH LANGUAGE DEVELOPMENT COURSES

ELD: Entering I (Semesters 1 and 2) 0.5 credit per semester

At this level of ELD, students learn to communicate basic needs, wants, opinions, and ideas using phrases and simple sentences. Students develop skills to identify objects, people, and places with respect to familiar and concrete topics as well as developing content knowledge through listening and reading. Students learn to follow one-step oral commands and instructions. Students also learn to participate in simple conversations one-on-one and in small groups using general vocabulary related to social and academic content topics. This course is not open to voluntary enrollment. Students will be placed in this course based upon individual need.

ELD: Emerging I (Semesters 1 and 2) 0.5 credit per semester

At this level of ELD, students learn to clearly communicate in speaking and writing needs, wants, opinions, and ideas using complete thoughts in social and academic contexts. Students will be able to follow multi-step oral commands and instructions. Students learn to participate in conversations one-on-one and in small groups using general and some specific vocabulary related to social and academic content topics. Students learn to identify main idea and facts regarding content knowledge. In writing and speaking, students will experiment with sentence variety by using both simple and compound sentences. This course is not open to voluntary enrollment. Students will be placed in this course based upon individual need.

ELD: Developing I (Semesters 1 and 2) 0.5 credit per semester

At this level of ELD, students learn to clearly communicate wants, opinions, and complex ideas with confidence and native-like fluency. Students demonstrate content comprehension by asking for clarification, and/or summarizing content while listening or reading. Students learn to understand figurative language used in discussions of familiar topics and begin to respond appropriately to language subtleties: i.e., humor, common idioms, and riddles. Students write about a variety of grade-level content area topics using appropriate format. Students' writing and speaking includes compound and complex sentences with vocabulary specific to content, appropriate transitions, and grammar structures approaching that of a native English writer/speaker. This course is not open to voluntary enrollment. Students will be placed in this course based upon individual need.

ELD: Expanding I (Semesters 1 and 2) 0.5 credit per semester

At this level of ELD, students learn to clearly communicate information, opinions, abstract ideas, and complex ideas with confidence and fluency. Students increasingly use formal academic language with attention to grammar, vocabulary, intonation, and pronunciation. Students make inferences from an intended message to evaluate arguments and to synthesize content while listening and reading. Students comprehend others to offer opinions and feedback on unfamiliar social and academic content topics. Students demonstrate understanding of genre by choosing format and structure appropriate to purpose, audience, and topic. Students demonstrate reading and listening comprehension by responding appropriately to language subtleties (humor, idioms, irony, sarcasm, and figurative language) and are able to incorporate these features in their own speech and writing similarly to a native speaker. This course is not open to voluntary enrollment. Students will be placed in this course based upon individual need.

MATHEMATICS COURSES

eCMIC I (Semesters 1 and 2) 0.5 credit per semester

In Integrated Math 1, students will study linear and exponential equations and functions. Students will use linear regression and perform data analysis. They will also learn about geometry topics such as simple proofs, congruence, and transformations.

eCMIC II (Semesters 1 and 2) 0.5 credit per semester

In Integrated Math 2, students will study quadratic, absolute value, and other functions. Students will also explore polynomial equations and factoring, and probability and its applications. Coverage of geometry topics extends to polygon relationships, proofs, similarity, trigonometry, circles, and three-dimensional figures.

eCMIC III (Semesters 1 and 2) 0.5 credit per semester

In Integrated Math 3, students will expand their understanding of area and volume with geometric modeling, which students will apply throughout the course as they learn new types of functions. Students will study polynomial, radical, logarithmic, rational, and trigonometric functions. They will also learn how visual displays and statistics relate to different types of data and probability distributions.

Integrated Math I (Semesters 1 and 2) 0.5 credit per semester

In Integrated Math 1, students will study linear and exponential equations and functions. Students will use linear regression and perform data analysis. They will also learn about geometry topics such as simple proofs, congruence, and transformations.

Integrated Math II (Semesters 1 and 2) 0.5 credit per semester

In Integrated Math 2, students will study quadratic, absolute value, and other functions. Students will also explore polynomial equations and factoring, and probability and its applications. Coverage of geometry topics extends to polygon relationships, proofs, similarity, trigonometry, circles, and three-dimensional figures.

Integrated Math III (Semesters 1 and 2) 0.5 credit per semester

In Integrated Math 3, students will expand their understanding of area and volume with geometric modeling, which students will apply throughout the course as they learn new types of functions. Students will study polynomial, radical, logarithmic, rational, and trigonometric functions. They will also learn how visual displays and statistics relate to different types of data and probability distributions.

eMathematics IV (Semesters 1 and 2) 0.5 credit per semester

In eMathematics IV, students will expand their work in the integrated math curriculum. This course is an alternate to eTrigonometry for those students wishing to continue in the integrated curriculum.

eTrigonometry (Semesters 1 and 2) 0.5 credit per semester

Covering topics of both Trigonometry and Math Analysis, these courses prepare students for eventual work in calculus. Topics typically include the study of right trigonometric and circular functions, inverses, and graphs; trigonometric identities and equations; solutions of right and oblique triangles; complex numbers; numerical tables; polynomial, logarithmic, exponential, and rational functions and their graphs; vectors; set theory; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

eGeometry (Semesters 1 and 2) 0.5 credit per semester

Covering topics of both Trigonometry and Math Analysis, these courses prepare students for eventual work in calculus. Topics typically include the study of right trigonometric and circular functions, inverses, and graphs; trigonometric identities and equations; solutions of right and oblique triangles; complex numbers; numerical tables; polynomial, logarithmic,

exponential, and rational functions and their graphs; vectors; set theory; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

eBusiness Math with Algebra (Semesters 1 and 2) 0.5 credit per semester

Business Math with Algebra will teach and have students apply algebra concepts to a variety of business and financial situations. Applications usually include income, insurance, credit, banking, taxation, stocks and bonds, and finance. This class will introduce students to the mathematical skills associated with personal finance, the decision-making techniques needed to be wise consumers, the economic principles of an increasingly international marketplace, and the processes by which businesses operate. This course will include a variety of techniques to approach and solve problems using algebraic methods, common mathematical operations, and graphical modeling. Topics include Personal Earnings, Budgeting, Banking, Auto and Home ownership, Consumer Credit and Protection, Investing, and 21st Century Workplace Essential Skills. This is a course specifically designed for students that have failed CMIC I and/or CMIC II, Integrated Math I and/or Integrated Math II.

Foundation Math I (Semesters 1 and 2) 0.5 credit per semester

Foundations 1 is a year-long mathematics course for students who require specialized instruction at a modified grade level aligned with mathematics standards. Topics include 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. Must be approved by the SSS Department and the student must have an active IEP. This course may be repeated for credit base on an active IEP.

Foundation Math II (Semesters 1 and 2) 0.5 credit per semester

Foundations II is a Pre-Math I course that increases students' foundational math skills and prepare them for Math 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. Must be approved by the SSS Department and the student must have an active IEP. This course may be repeated for credit base on an active IEP.

Math Foundations (Semesters 1 and 2) 0.5 credit per semester

Math Foundations is a year-long mathematics course for students who need an alternative approach to grade – level standards. Topics include 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. MTSS Team and Administration must approve course.



SCIENCE COURSES

eEnvironmental Science (Semesters 1 and 2) 0.5 credit per semester

Environmental science is a captivating and rapidly expanding field, and this two-semester course offers compelling lessons that cover many aspects of the field: ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy. Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas, providing them with opportunities for mastery in each of the segments throughout the semester.

eEarth and Space Science (Semesters 1 and 2) 0.5 credit per semester

Students enrolled in this dynamic course explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible and volatile forces that have shaped and changed our planet. As climate change and energy conservation become increasingly prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science is a two-semester course that provides a solid foundation for understanding the physical characteristics that make the planet Earth unique and examines how these characteristics differ among the planets of our solar system. PHYSICAL SCIENCE This full-year course focuses on basic concepts in chemistry

ePhysical Science (Semesters 1 and 2) 0.5 credit per semester

This full-year course focuses on basic concepts in chemistry and physics and encourages exploration of new discoveries in the field of physical science. The course includes an overview of scientific principles and procedures and has students examine the chemical building blocks of our physical world and the composition of matter. Additionally, students explore the properties that affect motion, forces, and energy on Earth. Building on these concepts, the course covers the properties of electricity and magnetism and the effects of these phenomena. As students refine and expand their understanding of physical science, they will apply their knowledge to complete interactive virtual labs that require them to ask questions and create hypotheses. Hands-on wet lab options are also available.

eBiology (Semesters 1 and 2) 0.5 credit per semester

This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a yearlong course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology. This course includes both hands-on wet labs and virtual lab options.

eChemistry (Semesters 1 and 2) 0.5 credit per semester

This rigorous, full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes eighteen virtual laboratory experiments that encourage higher-order thinking applications, with wet lab options if preferred. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.

ePhysics (Semesters 1 and 2) 0.5 credit per semester

This full-year course acquaints students with topics in classical and modern physics. The course emphasizes conceptual understanding of basic physics principles, including Newtonian mechanics, energy, thermodynamics, waves, electricity, magnetism, and nuclear and modern physics. Throughout the course, students solve mathematical problems, reason abstractly, and learn to think critically about the physical world. The course also includes interactive virtual labs and hands-on lab options, in which students ask questions and create hypotheses

SOCIAL STUDIES COURSES

eUS Government (1 Semester) 0.5 Credit

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy changes. Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments and practice outlining and drafting skills by writing full informative and argumentative essays.

eUS History (Semesters 1 and 2) 0.5 credit per semester

This one-year high school course presents a cohesive and comprehensive overview of the history of the United States, surveying the major events and turning points of U.S. history as it moves from the Era of Exploration through modern times. As students examine each era of history, they will analyze primary sources and carefully research events to gain a clearer understanding of the factors that have shaped U.S. history. In early units, students will assess the foundations of U.S. democracy while examining crucial documents. In later units, students will examine the effects of territorial expansion, the Civil War, and the rise of industrialization. They will also assess the outcomes of economic trends and the connections between culture and government. As the course draws to a close, students will focus their studies on the causes of cultural and political change in the modern age. Throughout the course, students will learn the importance of cultural diversity while examining history from different perspectives.

eWorld History (Semesters 1 and 2) 0.5 credit per semester

This yearlong course examines the major events and turning points of world history from ancient times to the present. Students investigate the development of classical civilizations in the Middle East, Africa, Europe, and Asia, and they explore the economic, political, and social revolutions that have transformed human history. At the end of the course, students conduct a rigorous study of modern history, allowing them to draw connections between past events and contemporary issues. The use of recurring themes, such as social history, democratic government, and the relationship between history and the arts, allows students to draw connections between the past and the present, among cultures, and among multiple perspectives. Throughout the course, students use a variety of primary and secondary sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of historical evidence and to draw conclusions about historical events.

eWorld Geography (Semesters 1 and 2) 0.5 credit per semester

Examining current global issues that impact our world today, this course takes a thematic approach to understanding the development of human systems, human understanding of the world, and human social organization. Divided into two semesters, this high school course will challenge students to develop geographic skills, including learning to interpret maps, analyze data, and compare theories. Offering interactive content that will grow students' understanding of the development of modern civilization and human systems—from the agricultural revolution to the technological revolution—this course encourages students to analyze economic trends as well as compare global markets and urban environments.

eEconomics (1 Semester) 0.5 Credit

Available as either a semester or a full year, this course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices.

Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.

ePsychology (Semesters 1 and 2) 0.5 credit per semester

This two-semester course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

eSociology (Semesters 1 and 2) 0.5 credit per semester

Providing insight into the human dynamics of our diverse society, this engaging course delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.



PHYSICAL EDUCATION COURSES

eLifetime Fitness (Semesters 1 and 2) 0.5 credit per semester

Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, this course equips high school students with the skills they need to achieve lifetime fitness. Throughout this course, students assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular endurance, flexibility, and body composition. Personal fitness assessments encourage students to design a fitness program to meet their individual fitness goals.

eHealth (1 Semester) 0.5 Credit

Encouraging students to make responsible, respectful, informed, and capable decisions about topics that affect the well-being of themselves and others, this course is a one-semester course that provides students with comprehensive information they can use to develop healthy attitudes and behavior patterns. Designed for high school students, this informative and engaging course encourages students to recognize that they have the power to choose healthy behaviors to reduce risks.

FINE ARTS COURSES

eFoundation of Art (1 Semester) 0.5 Credit

Covering art appreciation and the beginning of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, Intro to Art provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology and principles of design, and two- and three-dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400.

Art History 2020 (1 Semester) 0.5 Credit

Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenth-century art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth- and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas.

Intro to Comm/Speech E2020 (1 Semester) 0.5 Credit

Beginning with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, LA1097 offers fascinating insight into verbal and nonverbal messages and cultural and gender differences in the areas of listening and responding. High school students enrolled in this one-semester course will be guided through engaging lectures and interactive activities, exploring themes of self-awareness and perception in communication. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches in the course.

PRACTICAL ARTS COURSES

Intro to Technology (Semesters 1 and 2) 0.5 credit per semester

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can affect the world. Students have creative, hands-on learning opportunities to create computer programs, develop web pages, design mobile apps, write algorithms, and collaborate with peers while building strong foundational knowledge. This course provides a solid foundation for more advanced study as well as practical skills that students can use immediately.

Intro Multimedia (1 Semester) 0.5 Credit

In Intro to Multimedia, this computerized course is designed to help students develop skills using graphics, video, and sound within production software. This class will focus on: creating multimedia projects utilizing common video production software; learn to effectively use audio and video recording equipment; learn to capture, edit and create audio and video files; learn to effectively utilize a mix of production software; experiment with a variety of computer applications.

Intro to Business E2020 (Semesters 1 and 2) 0.5 credit per semester

In this two-semester introductory course, students will learn the principles of business using real- world examples by learning what it takes to plan and launch a product or service in today's fast-paced business environment. This course covers an introduction to economic basics, costs and profit, and different business types; techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society, locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity.

eMicrosoft Office Specialist (Semesters 1 and 2) 0.5 credit per semester

This two-semester course introduces students to the features and functionality of Microsoft® Office® 2016 while preparing them for the beginning, intermediate, and advanced levels of the Microsoft Office Specialist (MOS) certification program. Through video instruction, interactive skills demonstrations, practice assignments, and unit-level assessments, students become proficient in Microsoft Word®, Excel®, PowerPoint®, Outlook®, and Access®. By the end of the course, students are prepared to demonstrate their skills by obtaining one or more MOS certifications.

GENERAL ELECTIVE COURSES

Work Based Credit (Varied Credit) 0.25 to 4.0 Credit

In the Work Based Credit Program, students have the opportunity to work, volunteer, and /or intern in order to earn general elective credits. Students need to meet with the teacher and counselor to get started and approved for the program. Students may earn up to a maximum of 4 credits. Students who are employed and receiving paychecks are able to earn a credit for every 250 hours. Students who are volunteering or interning are able to earn a credit for every 125 hours. In addition to hours, all students need to submit a signed contract, present a PowerPoint presentation or complete a Work Based Exit Ticket, and have a manager or supervisor complete an evaluation form. For those students who are volunteering or interning, their managers or supervisors are required to write a letter of verification of their job tasks in addition to the other requirements.

Senior Seminar (1 Quarter) 0.25 Credit

In Senior Seminar, students work to complete Individual Career and Academic Plans (ICAP) as well as a Graduation Toolkit. Students at Pathways are required to create a resume, college application, and job application. Students will complete a career interest inventory and a senior exit presentation.

Support Group (1 Semester) 0.5 Credit

In Support Group, students receive assistance with both academic and personal/social goals. Students set individual learning goals and receive guidance from teachers to achieve these goals. Most students in this course have Individual Education Plans. This course can be repeated for credit.

eCareer Planning and Development (1 Semester) 0.5 Credit

Introducing high school students to the working world, this course provides the knowledge and insight necessary to compete in today's challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. This one-semester course includes lessons in which students create a self-assessment profile, a cover letter, and a résumé that can be used in their educational or career portfolio.

eAccuplacer Prep (1 Semester) 0.5 Credit

This course is built to prepare students for the Accuplacer Exam that they will take upon entering a community college. Students work with the instructor to pre-test, determine needs, and build a course of preparation that meets their needs in reading and/or math.

COMPETENCY BASED DIPLOMA COURSES

*** All Competency Based Diploma Courses are worth the equivalent of 0.5 Credit with time requirements of the courses. However, this diploma program is not credit based, and students do not receive credit for the courses. ***

Workplace Documents (0.5 Credit Equivalent)

This course will provide students with reading skills necessary for decoding Workplace type documents in order to excel in the workplace environment. The ability to read and understand documents in the workplace is essential to health and success. Your safety may depend on you being able to read warnings or labels on chemicals and equipment. You will need to read policies and memos to be sure that you get the pay and benefits you deserve. You will be able to read instructions and procedures. These will help you contribute to the success of the company and will guarantee your future job with your employer.

Students will improve Reading skills by learning through lessons and working through various practice exercises. Students will self-assess through Level Quizzes and then be formally assessed through the ACT WorkKeys® Final Assessment program.

Graphic Literacy (0.5 Credit Equivalent)

This course will provide students with the skills necessary when using graphics such as charts, graphs, tables, forms, flowcharts, diagrams, floor plans, maps and instrument gauges. Employees use these skills when they find information in graphics or insert data into a graphic form. They also use it when they compare, summarize, and analyze information found in related graphics.

Students will improve Graphic Literacy skills by learning through lessons and working through various practice exercises. Students will self-assess through Level Quizzes and then be formally assessed through the ACT WorkKeys® Final Assessment program.

Applied Mathematics (0.5 Credit Equivalent)

This course is designed to teach, refresh and practice the skills associated with the types of mathematics most commonly used in the typical workplace environment, as outlined by the ACT's WorkKeys® system.

Students will improve Applied Mathematical skills by learning through lessons and working through various practice exercises. Students will self-assess through Level Quizzes and then be formally assessed

Applied Technology (0.5 Credit Equivalent)

This Applied Technology course is designed to teach, refresh and practice the skills associated with concepts found in many workplace and home environments. This course is divided into Five Areas: Problem Solving Strategies for Applied Technology, Electricity, Fluid Dynamics, Mechanics and Thermodynamics.

Students will improve their awareness of Applied Technology by learning through lessons and working through various practice exercises. Students will self-assess through Level Quizzes and then be formally assessed through the ACT WorkKeys® Final Assessment program.

Working in Teams (0.5 Credit Equivalent)

This course will help students improve their ability to effectively participate as part of a team in the workplace. It is important for workplace success that current or future employers can depend on these students as employees to be able to work as a team. Since students will learn these skills, both the student as employee/employer and their employer will benefit. Students will learn to identify problems, recognize and accept fairly clear goals, and learn how to be sensitive to customers. They will analyze consequences, create and revise goals and design procedures. It is important for students to understand group dynamics.

Students will improve their understanding of Working in Teams by learning through lessons and working through various practice exercises. Students will be assessed through Final Quizzes in the WorkKeys® curriculum and the course will be passed with a score of 80% or higher.

Workplace Observation (0.5 Credit Equivalent)

Workplace Observation is a course that helps students with skills that they will use as employees in order to observe workplace events, notice details and remember instructions, procedures, processes and demonstrations. They will generalize workplace situations that may be similar or very different from what was observed. Employees must pay careful attention to steps that are followed for safety procedures, and to ensure quality control standards.

Students will improve their understanding of Workplace Observation by learning through lessons and working through various practice exercises. Students will be assessed through Final Quizzes in the WorkKeys® curriculum and the course will be passed with a score of 80% or higher.

Work Discipline (0.5 Credit Equivalent)

This course will cover topics such as job performance, employer expectations, self-management and time management. It will show you ways to increase job skills and attitude. You will understand how to better observe rules and relationship at work. You will learn how to balance your time well at work and your personal time.

Problem Solving and Critical Thinking (0.5 Credit Equivalent)

This course will teach you how to think critically about situations and solve complex problems. It will show you how to handle negotiations in regards to business and personal expectations. It will help you understand how to focus on issues that arise and solve problems quickly.

Interpersonal Business Communication (0.5 Credit Equivalent)

This course is designed to teach you how to communicate with in a business setting and with other workers. You will learn the proper way to handle communication via phone and e-mail. It will show you how to properly take message and send

documents to other business. You will learn how to make an effective business presentation and how to communicate across cultures. On the interpersonal side, you will learn how to present yourself to others. You will understand how to be an affective listener and the use of non-verbal communication. It will help you understand how to handle conflict, manage it and resolve the conflict.

Customer Service (0.5 Credit Equivalent)

This class will teach you how to handle all aspects of customer service. It will teach you how to handle e-mail and phone related customer service. You will learn how to handle in person customer service and how to deal with difficult customers. It will also show you how to handle business-to-business customer service.

ePersonal Finance (0.5 Credit Equivalent)

This course will cover topics such as credit, banking, loans and insurance. You will learn how to open an account and manage it. You will learn how to apply for a loan and how to understand your credit and repair if needed. Car insurance, renters insurance, and other types of insurance are also covered in this course.