



High School Program Guide

2025-2026

Frontier Schools Philosophy

Vision Statement

Be a vibrant and innovative educational leader.

Mission Statement

The mission of Frontier Schools is to empower students to discover and develop their gifts and talents:

- in pursuit of college readiness, productive citizenship, and lifelong learning
- within an atmosphere of academic excellence with a STEM (*Science, Technology, Engineering and Math*) focus
- to prepare for the STEM-related jobs now projected for the American workforce
- meeting the needs of all, including those whose primary interest is non-STEM
- providing flexibility to expand in the future to a STEAM environment by adding an Arts component



Table of Contents

Section I: Frontier—College Ready	5
Rigorous Curriculum	5
College Geared Coursework	5
Progress Monitoring with Ongoing Assessment & Personalized Support	5
College & Career Counseling	
Support for Students	6
Student Expectations & Commitment	6
College Readiness Monitoring	7
Intervention for College Readiness	12
National Honor Society	12
Section II: General Information	13
Attendance	13
Minimum Course Load	13
Student Classification	13
How to Earn Credit	14
Recovering/Retaking a Course	15
Schedule Changes	16
Dropping a Class	16
Grading Scale, Class Ranking, GPA	17
Graduation Ceremony	18
Credits from Other Institutions	19
Transfer Students	19
Section III: High School Graduation Requirements	20
Course-by-Credit Summary	20
Graduation Options for Students with Disabilities	23
Community Service	24
Section IV: Advanced Placement (AP)	27
Enrollment Guidelines	27
Phase 1: Registering for an AP Class Flowchart	28
Phase 2: Completing Summer Assignment and Contract Flowchart	29
Students in AP Courses are expected to:	30

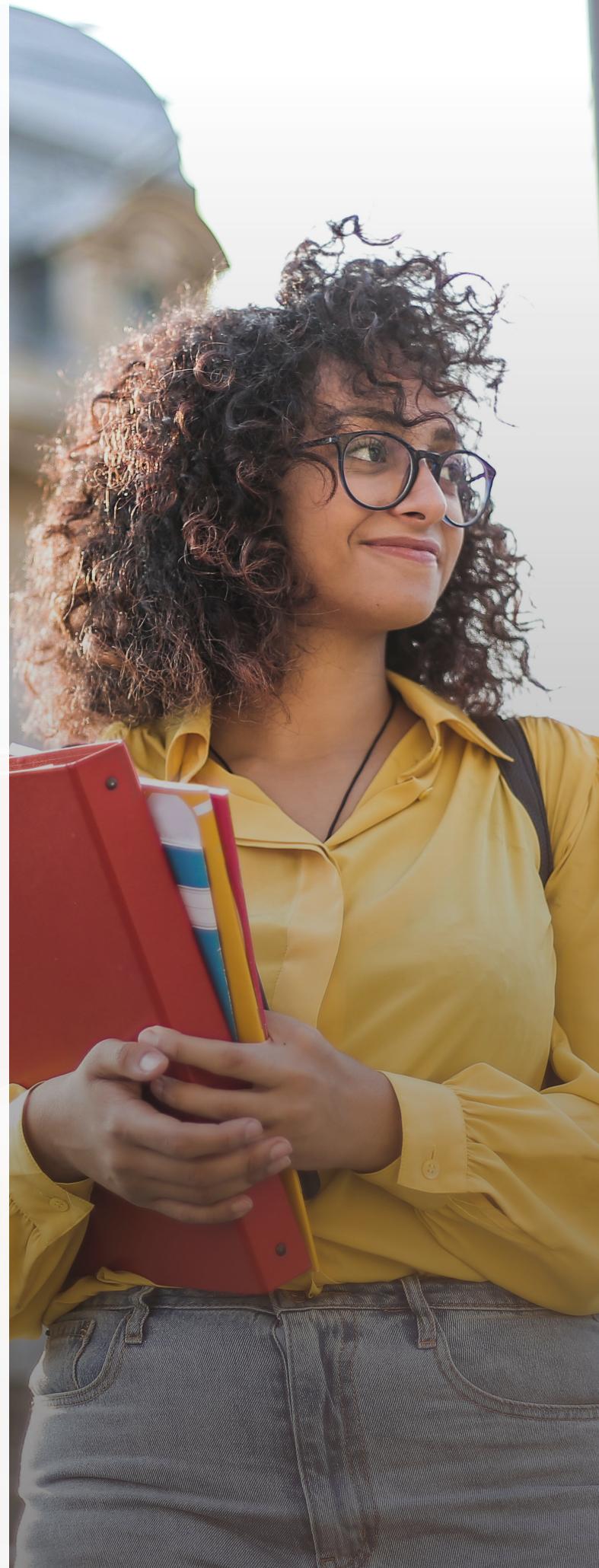


Table of Contents

Section V: Dual Credit Program	31
What is Dual Credit?	31
Why Dual Credit?	32
How Do Students Qualify for Dual Credit?	33
Dual Credit Plan and High School Course Equivalency	34
Frontier Schools Dual Credit Program Guidelines	35
Section VI: College Counseling	36
Process at Frontier Schools	36
Crosswalk of Career Paths/Clusters	37
Individual Student Planning Vocabulary	40
SchoolLinks Portal	41
Individual Career and Academic Plan	42
Critical Shortage Occupation	43
Section VII: A+ Scholarship Program	49
Section VIII: Course Descriptions	50
Missouri Coordinating Board for Higher Education High School Core Curriculum Requirement Course Description (CBHE):	53
FORMS & DOCUMENTS	56
Dual Credit Program Agreement	57
A+ Program Participation Agreement	58
Community Service Log	59



SECTION I:

Frontier – College Ready

At Frontier, students are expected to master their subjects, and every Frontier student graduates college-ready and career ready. Our high school program is designed to provide each student with the essential elements of a college prep education, along with opportunities to engage in the exploration of intense study within particular fields of interest.

Through the following components, every Frontier student will attain skills and abilities that are necessary to be successful in college and beyond.

Rigorous Curriculum

Frontier offers rigorous and relevant coursework with a heavy emphasis on STEM courses. Middle and high school curriculum and programs are designed to prepare students for college level coursework.

College Geared Coursework

Frontier's high school program is designed to ensure acceptance, enrollment, and success in four-year colleges/universities. Students are expected to successfully complete a minimum of 24 credits in different subject areas identified by the state of Missouri.

Progress Monitoring with Ongoing Assessment & Personalized Support

Frontier educators have necessary tools to monitor academic progress of each student and to adjust instructional strategies to better meet students' needs. Based on ongoing assessment and data analysis, personalized learning opportunities and individualized need-based support will be provided to every student in order to achieve their college and career goals.

College and Career Counseling Support for Students

Our goal is to guide every Frontier student in preparing for and achieving his or her postsecondary goals and aspirations. College counselors provide individualized support to each student in the five areas of college and career readiness.

- Personal Readiness
- Academic Readiness
- Career Readiness
- College Admissions
- Financial Aid & Scholarships

Student Expectations and Commitment

At Frontier, all students are expected to:

- Complete Frontier Schools Standard or Honors Graduation Plan
- Complete state-mandated end-of-course tests (EOC)
- Show proof of completion of at least 60 hours of community service
- Receive acceptance to a two or four year college or university
- Take the ACT, SAT, ASVAB, ACCUPLACER ® or ACT WorkKeys Test according to their post-high school plans



College Readiness Monitoring

FS implements End-of-Course (EOC), Northwest Evaluation Association (NWEA), PreACT, ACT, PSAT/NMSQT®, PSAT™ 8/9, PSAT™ 10, Accuplacer assessments to track the academic readiness of students. Students who meet minimum expected scores for each grade level are on target to be college ready.

- **End-of-Course (EOC):**

The Missouri Assessment Program assesses students' progress toward the Missouri Learning Standards, which are Missouri's content standards. End-of-Course assessments are taken when a student has received instruction on the Missouri Learning Standards for an assessment, regardless of grade level. Missouri's suite of available End-of-Course assessments includes: English I, English II, Algebra I, Algebra II, Geometry, American History, Government, Biology and Physical Science. Districts must ensure that students completed EOC assessments in Algebra I, English II, Biology, and Government prior to high school graduation.

For students who complete the Algebra I EOC assessment prior to high school, Algebra II is the required high school mathematics assessment for accountability purposes. All students, including Missouri Option students, are required to participate in EOC assessments designated as "required" for accountability purposes. A few groups of students are exempt from EOC assessments required for accountability purposes. Exempt student groups include:

- Students whose IEP teams have determined that they are eligible to participate in the Missouri Assessment Program–Alternate (MAP–A).
- English Language Learners (ELL) who have been in the United States 12 cumulative months or fewer at the time of administration may be exempted from taking the English II and/or English I assessments.
- Foreign exchange students*
- Home schooled students*

* *Not required to participate, but may do so at the local district's discretion.*

- **Northwest Evaluation Association (NWEA):**

Founded by educators nearly 40 years ago, Northwest Evaluation Association™ (NWEA™) is a global not-for-profit educational services organization known for our flagship interim assessment, Measures of Academic Progress® (MAP®). More than 7,400 partners in U.S. schools, districts, education agencies, and international schools trust us to offer pre-kindergarten through grade 12 assessments that accurately measure student growth and learning needs, professional development that fosters educators' ability to accelerate student learning, and research that supports assessment validity and data interpretation.

- **American College Testing (ACT):**

The Enhanced ACT is a standardized test that measures a student's skills in five core areas: English, math, reading, science (*optional*), and writing (*optional*). Students in grades 11 and 12 take the ACT so that they can submit their scores to colleges as part of the college application process.

Subject Area	Total Questions	Time	Score Range
English	50	35 Minutes	Between 1-36
Math	45	50 Minutes	Between 1-36
Reading	36	40 Minutes	Between 1-36
Science (<i>Optional</i>)	40	40 Minutes	Between 1-36
Writing (<i>Optional</i>)	1 Essay	40 Minutes	Between 2-12



All students in the 11th grade shall take the ACT as required by the district. In addition to ACT, the district may also require students to take the SAT, ASVAB or Accuplacer tests.

- **Scholastic Aptitude Test (SAT):**

The SAT is a standardized test widely used for college admissions in the United States. It is an alternative for ACT.

Subject Area	Total Questions	Time	Score Range
Evidenced Based Reading & Writing			
Reading	52	65 Minutes	200-800
Writing & Language	44	35 Minutes	
Math			
Math (No Calculator)	20	25 Minutes	200-800
Math (Calculator)	38	55 Minutes	
Total	154	3 Hours	400-1600
Writing (Optional)	1 Essay	50 Minutes	Reported in 3 dimensions, each 2-8

- **The ACCUPLACER Exam**

The ACCUPLACER suite of assessments consists of five multiple-choice placement tests, four multiple-choice English as a Second Language (ESL) tests, and two essay tests. The ACCUPLACER tests are designed to assist institutions in placing test takers into appropriate college-level courses. Below presents an overview of the assessments available in the ACCUPLACER suite.

The ACCUPLACER Suite of Assessments	
Placement Tests	<ul style="list-style-type: none"> • Reading • Writing • Arithmetic • Quantitative Reasoning, Algebra, and Statistics • Advanced Algebra and Functions
ESL Tests	<ul style="list-style-type: none"> • Reading Skills • Sentence Meaning • Language Use • Listening
Essay Tests	<ul style="list-style-type: none"> • WritePlacer • WritePlacer ESL

- **Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT):**

Frontier Schools is dedicated to providing a comprehensive college preparatory program that facilitates each student's ambition to pursue higher education at the nation's top universities and colleges. As a part of this process, students in 11th grade may take the PSAT/NMSQT test in Fall. The most common reason for taking the PSAT/NMSQT is to receive feedback on student strengths and weaknesses so that students can focus their preparation on those areas that could most benefit from additional study or practice. This test also gives students a chance to enter National Merit Scholarship Corporation (NMSC) scholarship programs.

Subject Area	Total Questions	Time	Score Range
Evidenced Based Reading & Writing			
Reading	47	60 Minutes	160-760
Writing & Language	44	35 Minutes	
Math			
Math (No Calculator)	17	25 Minutes	160-760
Math (Calculator)	31	45 Minutes	
Total	139	2 Hours & 45 Minutes	320-1520

- **Preliminary Scholastic Aptitude Test 10 (PSAT 10):**

The PSAT 10 and PSAT/NMSQT are the same test, offered at different times of year. Students in 10th grade may take PSAT 10 in Spring. The scores of this test are not used for the National Merit Scholarship.

- **Preliminary Scholastic Aptitude Test 8/9 (PSAT 8/9):**

The PSAT 8/9 is a test that is designed to help students and teachers figure out what students need to work on most so that they're ready for college when they graduate from high school. It tests the same skills and knowledge as the SAT, PSAT/NMSQT, and PSAT 10—in a way that makes sense for their grade level.

Subject Area	Total Questions	Time	Score Range
Evidenced Based Reading & Writing			
Reading	42	55 Minutes	120-720
Writing & Language	40	30 Minutes	
Math			
Math (No Calculator)	13	20 Minutes	120-720
Math (Calculator)	25	40 Minutes	
Total	120	2 Hours & 25 Minutes	240-1440

Intervention for College Readiness

FS intervention programs are designed at each grade level to ensure that students are on the college readiness track. FS has an ongoing benchmarking system to monitor the progress of each student. Then, assessment data is used to develop an individualized learning plan for each student.

National Honor Society

High school students who have maintained a minimum GPA of 3.0 during their high school career are eligible for nomination to the school's local chapter of the National Honor Society. Students seeking admission should contact the sponsor for admission guidelines. The student must have been enrolled in the current school for at least one semester. Selection for membership is based upon a student's evidence of scholarship, service, leadership, and character. Selection will be made by a faculty council appointed by the Principal. Discipline referrals and excessive absences will constitute evidence of deficiencies in character and leadership. Service contributions are determined by completion of a service form by the nominee and scored by the faculty council. Induction is held twice during each academic year.



SECTION II:

General Information

Attendance

Attendance Requirements to receive credits for courses:

1. Students must attend school **90% of the time** in order to be eligible to receive credits.
2. The Attendance Review Committee will make the ultimate decision whether or not the student receives credit in a class.
3. Dual Credit students must meet the attendance requirements set by the local campus.
4. IEP and 504 committees may be considered as an attendance committee for students with disabilities.

Minimum Course Load

9th, 10th and 11th grade students are required to enroll six classes at minimum per semester. 12th grade students are required to enroll in eight classes (or equivalent) per semester.

EXCEPTIONS:

1. Senior students enrolled in off campus Dual Credit courses can take the last period off in their high school schedules. College course schedule verification and counselor/administrator approval is required.
2. Senior students who are on track for their graduation credit requirements and are enrolled in Dual Credit and AP courses may be granted Independent Study classes. Counselor/administrator approval is required.

Student Classification

Students will be classified in certain grade levels by the number of credits he or she has earned at the end of each school year.

Freshman (9 th Grade)	0.00–4.50 Credits
Sophomore (10 th Grade)	5.00–10.50 Credits
Junior (11 th Grade)	11.00–16.50 Credits
Senior (12 th Grade)	17.00–26.00 Credits

How to Earn Credit

Courses vary from one to two semesters in length. Students can earn a half credit for each semester course and a whole credit for a year-long course* (exceptions may apply). Students earn credits when they pass their courses with the minimum of 60% average and meet 90% attendance requirement. Each semester stands alone. Semesters are not averaged together except in cases of student progression plan.

To earn one unit of credit, a student must meet all the course requirements and earn a passing grade in a course that meets for at least 7,830 minutes a year. Half-units of credit may be earned for courses meeting proportionately fewer minutes.

The following are ways a student can earn credit:

- A course is taken as a part of the student's high school schedule
- A Dual Credit college course – approved by counselor – is taken for high school credit and college credit (*must be one of the approved courses listed on the dual credit list--refer to the Dual Credit programs, Section IV.*)
- AP Exam
- Online courses – approved courses through accredited online course providers
- Summer School Opportunities

Students and parents assume the responsibility for registering for, and completing courses attempted. Students and parents assume the cost of taking courses outside of their regular high school schedule.



Students must talk to their counselor for information regarding alternate methods of acquiring credits before signing up for any course.

Recovering/Retaking a Course

Students who receive a failing grade must recover the course in order to receive the required credit.

Below are the guidelines for credit recovery:

- The school may offer recovery courses during the summer school or academic year.
- The school administration identifies the criteria of recovery courses.
- Students can also take recovery courses online or at other schools with the approval of school administration.
- Both grades will appear on the transcripts.
- Only the most recent grade will be calculated in the overall grade point average.

Occasionally, students may wish to retake a course to improve their knowledge and skills in that subject matter area.

If they had previously earned the credit, the following guidelines will apply:

- No additional credit is earned when a course is repeated.
- Both grades will appear on the transcript.
- The most recent grade will be calculated in the GPA.
- The policy does not apply to courses that are intended to be repeated, such as: band, newspaper, weight training, etc.
- 90% attendance is required.
- Administrative approval is required.



Students may wish to retake a dual credit course to improve a failing or low grade. In this case, the fees (*tuition, textbook, other materials*) for the previous class must be fully paid back to school. Only the second (*the most recent*) grade will affect the GPA. Both grades will appear on the transcript.

Schedule Changes

Students must choose their courses carefully and with the advice of their counselor and parents to minimize the need for a change. The master schedule is built to accommodate the classes originally chosen by the student.

Schedule changes based on teacher, elective, or section preferences may not be honored. The administration reserves the right and has the responsibility to only make changes as necessary to meet graduation requirements, balance class sizes, correct administrative or clerical error, reflect changes in school personnel, or other educationally appropriate reasons.

Dropping a Class

- **Changes requested after the Course Plan has been submitted will be made only for the following reasons per counselor approval:**
 - A Senior needs to make up deficient graduation credits
 - A student received a failing grade and needs to repeat the class for high school graduation requirements or to meet college eligibility requirements
 - A student is in the incorrect course level
 - A course requested will not be offered due to budgetary restraints or low class size
 - A student completed a course credit at summer school
- **During the first 10 school days of class, students may request a schedule change according to the following guidelines:**
 - Level changes can be requested by students and parents based on availability (*grades from the dropped upper level course will be carried into the added lower level course*)
 - Placement recommendation based on academic performance
 - Medical/health issues require adjustment in schedule
 - Course needed for graduation or college eligibility requirements

Grading Scale, Class Ranking, GPA

Grade Calculation

A student's Grade Point Average (GPA) is calculated by dividing the total amount of grade points earned by the total amount of credit hours attempted. All semester grades for courses attempted will count toward a student's GPA. Weighted GPA is used to determine class rank. Unweighted GPA is used for admission to most colleges and universities, and for scholarships at in-state schools.

Grading Scale and Course Weight

A student's Grade Point Average (GPA) is calculated by dividing the total amount of grade points earned by the total amount of credit hours attempted. All semester grades for courses attempted will count toward a student's GPA.

Letter Grade	Grade Range	AP/DUAL/PLTW	On-Level Course
A	90-100+	5.0	4.0
B	80-89	4.0	3.0
C	70-79	3.0	2.0
D	60-69	2.0	1.0
F	0-59	0.0	0.0

Senior Class Rank

Frontier Schools are ranking schools. A class rank indicates how a student's grades compare with those of other students in his/her class.

Class rank is determined by the weighted grade point average (GPA) of all high school credit courses taken through the end of the eighth semester.*

To be eligible for senior class ranking (*valedictorian and salutatorian*) students must be enrolled for their junior and senior years in the same high school, and graduate in no fewer than eight regular semesters.

***Rank for graduation status (*valedictorian/salutatorian*) is determined by the final overall high school GPA at the end of the eighth semester.**



Graduation Ceremony

Students completing the Frontier Schools and State of Missouri requirements for graduation will be granted a high school diploma. FS annually sponsors a graduation ceremony for students who have completed requirements established by both the FS and the State. Students who have not completed requirements may participate in the graduation ceremony with an approval from the principal. Even if the student participates in the graduation ceremony, he or she may remain enrolled to complete the FS requirements and earn his and her high school diploma; however, the student will only be allowed to participate in the graduation ceremony.

Students must order their cap and gown to participate in the graduation ceremony. Ordering graduation cap and gown, announcements, or other senior memorabilia does not guarantee a student's participation in graduation ceremonies. Graduation announcements are not invitations to the graduation ceremony. If a student does not attend and does not participate in the graduation ceremony practice/rehearsal, the student is ineligible to participate in the FS Graduation ceremony.

Credits from Other Institutions

Credits earned during the summer following the junior year will be entered to the junior year course lists and be counted in the overall GPA and ranking computations. Any credits received **after September 1st** will be entered to the senior course list and will not affect the ranking submitted to colleges during the fall semester of the senior year. It is the student responsibility to ensure summer credits are submitted on time and properly entered to their course lists.

Transfer Students

A student transferring into the district from a DESE accredited school will receive the numerical grade earned in courses from that school. Weighted courses will be honored and converted to match our system.

Students Transferring from schools outside of the United States:

Students from other countries will receive Ps for passing appropriate courses. Translation of out-of-country transcripts is the responsibility of the parent/guardian. Awarding of credit will be determined by school administration after review of all documentation.

Students from Home Schooling Programs and unaccredited private schools:

Credits earned through home schooling programs and unaccredited private schools will not be calculated for GPA and class rank by the district. Students must provide documentation of enrollment and completion of courses in order to get credit. Students will receive Ps for passing appropriate courses.

SECTION III:

High School Graduation Requirements

In order for a student to graduate from Frontier Schools, the student must fulfill:

1. FS high school credit requirement
2. Admission by a 2-year/4-year college
3. Minimum 60 community service hours¹
4. Complete state-mandated end-of-course tests (EOC)
5. Must take the ACT, SAT, ASVAB, ACCUPLACER® or ACT WorkKeys Test according to their post-high school plans

Course-by-Credit Summary

Frontier Schools High School Program is designed to ensure acceptance, enrollment, and success in 4-year universities, and requires the following course-by-credit plan for all students, regardless of the plan they choose to graduate. Students should meet with a counselor to discuss Individual Career Academic Plans (ICAP). Exceptions may apply to students receiving Special Education services.

Course	Frontier Schools Standard Diploma	Frontier Schools Honors Diploma
Communication Arts	4.00	4.00
Mathematics	4.00	4.00
Science	3.00	4.00
Social Studies	3.00	3.00
Personal Finance	0.50	0.50
Physical Education	1.00	1.00
Foreign Language	2.00 ²	3.00
Fine Arts	1.00	1.00
Health	0.50	0.50
Practical Arts	1.00	1.00
Electives	6.00	4.00
Total	26	26

¹ Community service requirement is 15 hours per year.

² May be waived for students in special programs, transfer students with no LOTE credit, etc.

"Frontier Schools Minimum Standard Diploma" will be awarded to these students.

Required Academic Program for FS High School Graduation		
Discipline	Frontier Schools Standard Diploma	Frontier Schools Honors Diploma
English	<p><u>Four credits must consist of:</u></p> <ul style="list-style-type: none"> • English I • English II • English III/AP English Language & Composition/ Dual Credit • English IV/ AP English Literature & Composition/ Dual Credit 	<p><u>Four credits must consist of:</u></p> <ul style="list-style-type: none"> • English I • English II • English III/AP English Language & Composition/ Dual Credit • English IV/ AP English Literature & Composition/ Dual Credit
Mathematics	<p><u>Four credits must consist of:</u></p> <ul style="list-style-type: none"> • Alegbra I • Geometry • Algebra II • An additional course for which Algebra II is prerequisite such as Pre-Calculus, Applied Math, College Algebra, AP Calculus AB or AP Calculus BC 	<p><u>Four credits must consist of:</u></p> <ul style="list-style-type: none"> • Alegbra I • Geometry • Algebra II • An additional course for which Algebra II is prerequisite such as Pre-Calculus, Applied Math, College Algebra, AP Calculus AB or AP Calculus BC
Science	<p><u>Three credits from the following:</u></p> <ul style="list-style-type: none"> • Physical Science • Biology or AP Biology • Chemistry or AP Chemistry • Physics or AP Physics (B or C) • Dual Credit Science Courses • AP Environmental Science 	<p><u>Four credits from the following:</u></p> <ul style="list-style-type: none"> • Physical Science • Life Science • Biology or AP Biology • Chemistry or AP Chemistry • Physics or AP Physics (B or C) • Dual Credit Science Courses • AP Environmental Science
Social Studies	<p><u>Three credits from the following:</u></p> <ul style="list-style-type: none"> • American History or AP American History • American Government or AP US Government • World History, World Geography, African American History • Dual Credit Social Studies Courses • AP World History 	<p><u>Three credits from the following:</u></p> <ul style="list-style-type: none"> • American History or AP American History • American Government or AP US Government • World History, World Geography, African American History, World Religions, Contemporary History, Contemporary Issues • Dual Credit Social Studies Courses • AP World History
Personal Finance	<p><u>One-half credit:</u></p> <ul style="list-style-type: none"> • Personal Finance 	<p><u>One-half credit:</u></p> <ul style="list-style-type: none"> • Personal Finance
Physical Education	<p><u>One credit must consist of:</u></p> <ul style="list-style-type: none"> • Physical Education 	<p><u>One credit must consist of:</u></p> <ul style="list-style-type: none"> • Physical Education

Foreign Language	<p>Two credits must consist of any two levels in the same language. An AP course can also be substituted for each level.*</p> <p>* <i>Must also be the same language.</i></p>	<p>Three credits must consist of any three levels in the same language. An AP course can also be substituted for each level.*</p> <p>* <i>Must also be the same language.</i></p>
Fine Arts	<p>One credit from the following:</p> <ul style="list-style-type: none"> • Art • Music 	<p>One credit from the following:</p> <ul style="list-style-type: none"> • Art • Music
Health	<p>One-half credit:</p> <ul style="list-style-type: none"> • Health 	<p>One-half credit:</p> <ul style="list-style-type: none"> • Health
Practical Arts	<p>One credit from the following:</p> <ul style="list-style-type: none"> • Computer Applications • Graphic Arts/Desktop Publishing 	<p>One credit from the following:</p> <ul style="list-style-type: none"> • Computer Applications • Graphic Arts/Desktop Publishing
Elective Courses	<p>Seven credits:</p> <ul style="list-style-type: none"> • Dual Credit Courses • AP Courses • PLTW Courses • Critical Writing • Journalism • Debate • Psychology • Sociology • World Religions • African American History • Earth Science • Environmental Science • Contemporary Issues • Contemporary History • Or any other course approved by Frontier Schools System 	<p>Seven credits:</p> <ul style="list-style-type: none"> • Dual Credit Courses • AP Courses • PLTW Courses • Critical Writing • Journalism • Debate • Psychology • Sociology • World Religions • African American History • Earth Science • Environmental Science • Contemporary Issues • Contemporary History • Or any other course approved by Frontier Schools System
GPA	None	3.0 or higher
Community Service	60 Hours	60 Hours
ACT/SAT	None	ACT Score 22 or above SAT Score 1100 or above
College/Institution of Higher Learning Admission	Proof of acceptance to a two or four year college.	Proof of acceptance to a four year college.
State Testing	All students must participate the required state mandated tests for graduation.	

Pathways					
Engineering & Technology	Health Science	Visual Arts	Digital Communication	Information Technology	Social Science
<ul style="list-style-type: none"> • PLTW Introduction to Engineering Design • PLTW Principles of Engineering • PLTW Civil Engineering & Architecture • PLTW Capstone 	<ul style="list-style-type: none"> • PLTW Principles of Biomedical Science • PLTW Human Body Systems • PLTW Medical Interventions • PLTW Capstone 	<ul style="list-style-type: none"> • Art I • Art II • Art III • Digital Photography 	<ul style="list-style-type: none"> • Digital Editing: Photoshop • Graphic Design: Illustrator • Audio & Video Production • Digital Photography 	<ul style="list-style-type: none"> • PLTW Computer Science Essentials • PLTW Computer Science Principles • Web Development • Mobile Applications 	<ul style="list-style-type: none"> • Social Anthropology • Sociology • Psychology • Criminal Justice

Graduation Options for Students with Disabilities

Students with disabilities are provided an individualized educational program with various opportunities to succeed. Annual meetings are held with students with disabilities and their parents in which an Individualized Educational Plan (IEP) is developed and an appropriate educational plan is determined. Students receiving special education services follow the curriculum and credit requirements required of all students as determined by their prospective graduation plan. Students with identified special needs will be provided appropriate accommodations in regular classes. Should students need modification of the state standards, they may be served in specialized classes according to their Individual Education Plan (IEP).

Community Service

Students are required to accumulate a total of 60 service hours throughout high school to graduate.

What is Community Service?

Community service is a voluntary activity that helps address a shortage of some sort in the community. The community service you select should be aligned with your personal interest and skills. It is an opportunity to gain experience on the way to college readiness and exemplary citizenship.

Why is Community Service Important?

Giving back to your community while engaging in an activity you truly are interested in doing is a win-win. Serving your community will address the persisting needs and problems thus helping your community become stronger as a function of it. Community service hours provide a unique opportunity to build social, leadership, and problem solving skills. These skills are essential in finding a job. Finally, you get an opportunity to apply your knowledge in real life. Don't forget, colleges also pay attention during college application.

Community Service Guidelines

- Regularity of service is recommended than irregular patches of hours here and there as it shows your commitment.
- Students cannot get paid for the work, nor can they fill a position that would normally be a paid position.
- Service **MAY NOT** be performed for family members or for profit making organizations.



- Community service must be completed at a non-profit organization; therefore students should ask the organization or business if they are non-profit prior to performing activities. The term "non-profit" does not relate to whether or not the student is paid for the activities performed. As a general rule, activities performed at places like libraries, schools, Meals on Wheels, hospices, Habitat for Humanity and faith-based organizations are acceptable. Please keep in mind that hair salons, barber shops, martial arts studios, doctors' offices and physical therapy facilities are FOR PROFIT businesses and therefore unacceptable, even if you volunteer to help in them. It is the responsibility of the student to make sure that the hours are properly logged in by the organization.
- Membership in a service club or organization does not constitute service. However, if the club performs service activities in the community or school beyond club meeting times, this can be counted as service.
- Service may **NOT** be performed during the school day except during a student's lunch period. Service must be performed during the students' own time (before/after school and/or weekends).
- Activities performed at faith-based organizations such as churches, synagogues or mosques will be counted towards the community service requirement as long as the activities are **NOT** religious in nature. For example, activities performed at an after school program housed in a church will count, but assisting in a worship service or Bible Study does not count.
- It is the responsibility of the student to make sure that the hours are properly logged by the organization. Students will turn in the service letters to the college counselor. Letters that describe service performed must be on official letterhead produced by the organization. Letters must include the organization's official work phone numbers only; cell phone numbers are not acceptable. Community service letters cannot be written on behalf of a family member or relative. Certificates are not acceptable as proof of service performed.
- Disciplinary action will occur for any student who has submitted forged or false documentation for community service. The student will not receive credit for the service and the matter will be handled in a manner consistent with FS Student Handbook.
- Students who are planning to attend a participating community college or vocational/technical school, should perform at least 50 hours of unpaid tutoring or mentoring in order to fulfill one of the eligibility requirements for A+ Scholarship Program. Further information about this program can be found under A+ Scholarship Program section of this guide.
- **IF YOU ARE NOT CERTAIN WHETHER OR NOT AN ACTIVITY WILL COUNT**, please contact your school counselor.

Acceptable Community Service Hours

Examples of community service include but are not limited to the following activities:

- Tutoring
- Care packages for military personnel
- Museums, hospitals, libraries, zoos, food bank, nursing homes
- Red Cross, Serving Meals to the Homeless, community clean-up
- Faith based organizations – churches, mosques, synagogues etc.
- You can use www.harvesters.org to find a closest community service event

Unacceptable Community Service Hours

- Getting paid for the service
- Engaging in preaching
- Activities during school hours, exceptions may apply during the blood drive and similar activities
- Hours done at a private household and for-profit entities



Frontier Schools Community Service Log can be found under the Forms & Documents section of this guide.

SECTION IV:

Advanced Placement (AP)

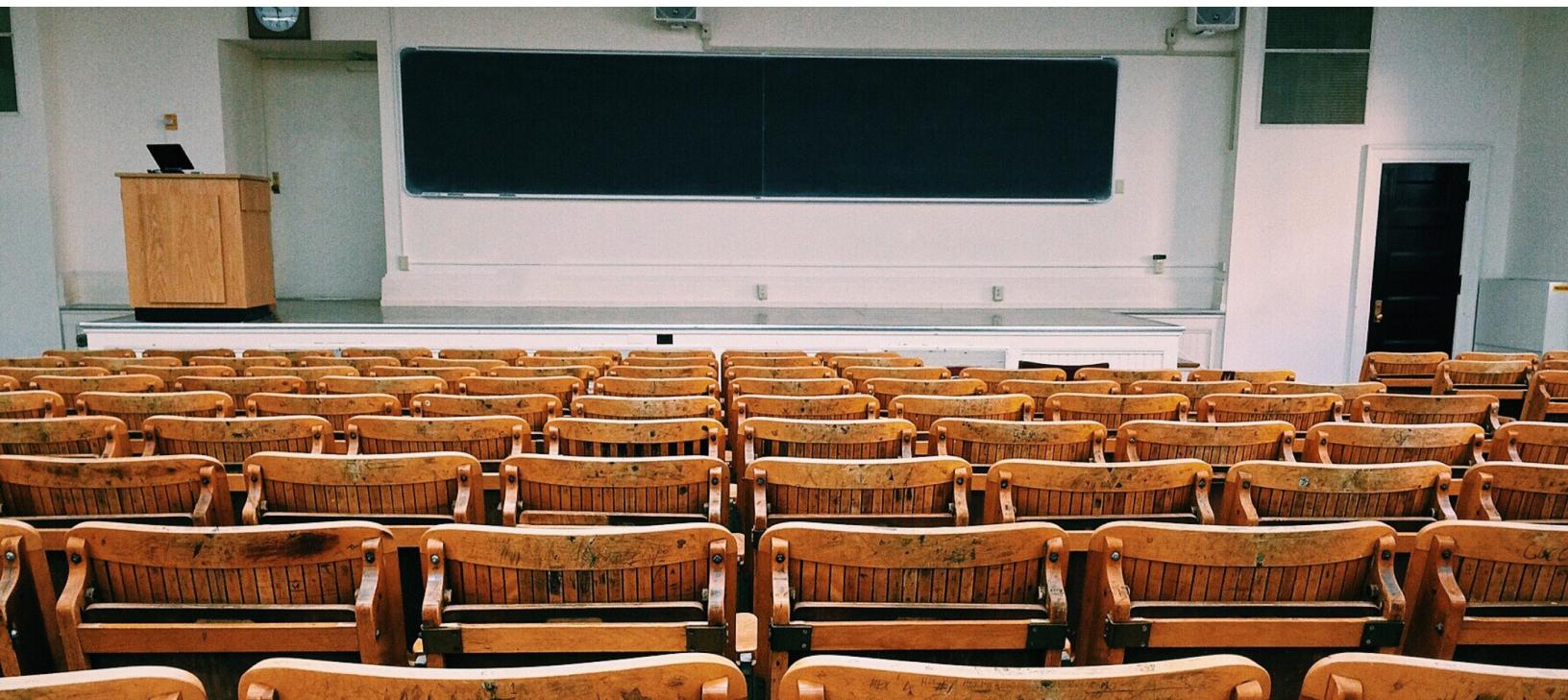
Enrollment Guidelines

FS supports any student who wants to accept the challenges of an advanced class. The opportunity to be in Advanced Placement (AP) classes' carries with it certain assumptions about the capabilities and maturity of students completing the college level work that AP courses represent. AP coursework requires students to engage in more independent analytical reading, academic discourse, and writing assignments, both inside and outside the classroom.

Students with disabilities are allowed the same opportunity to participate in AP classes as their non-disabled peers. The same eligibility criteria and expectations would apply to these students, but they can receive an accommodation in an advanced class, unless that accommodation would alter the content or academic standards of the AP class. The student must also be eligible to receive the accommodation in a regular class.

College Board can allow students with disabilities to use accommodations in exams including AP exams if it is shown that these students' disabilities affect their test participation. Campus special education coordinator and High School counselor can be contacted for College Board accommodation request process and more.

The following AP enrollment guidelines will be used to match the level and complexity of the AP curriculum with the readiness and motivation of the students. The campus AP Committee has the right to make collaborative enrollment decisions and process appeals.



Phase 1: Registering for an AP Class Flowchart

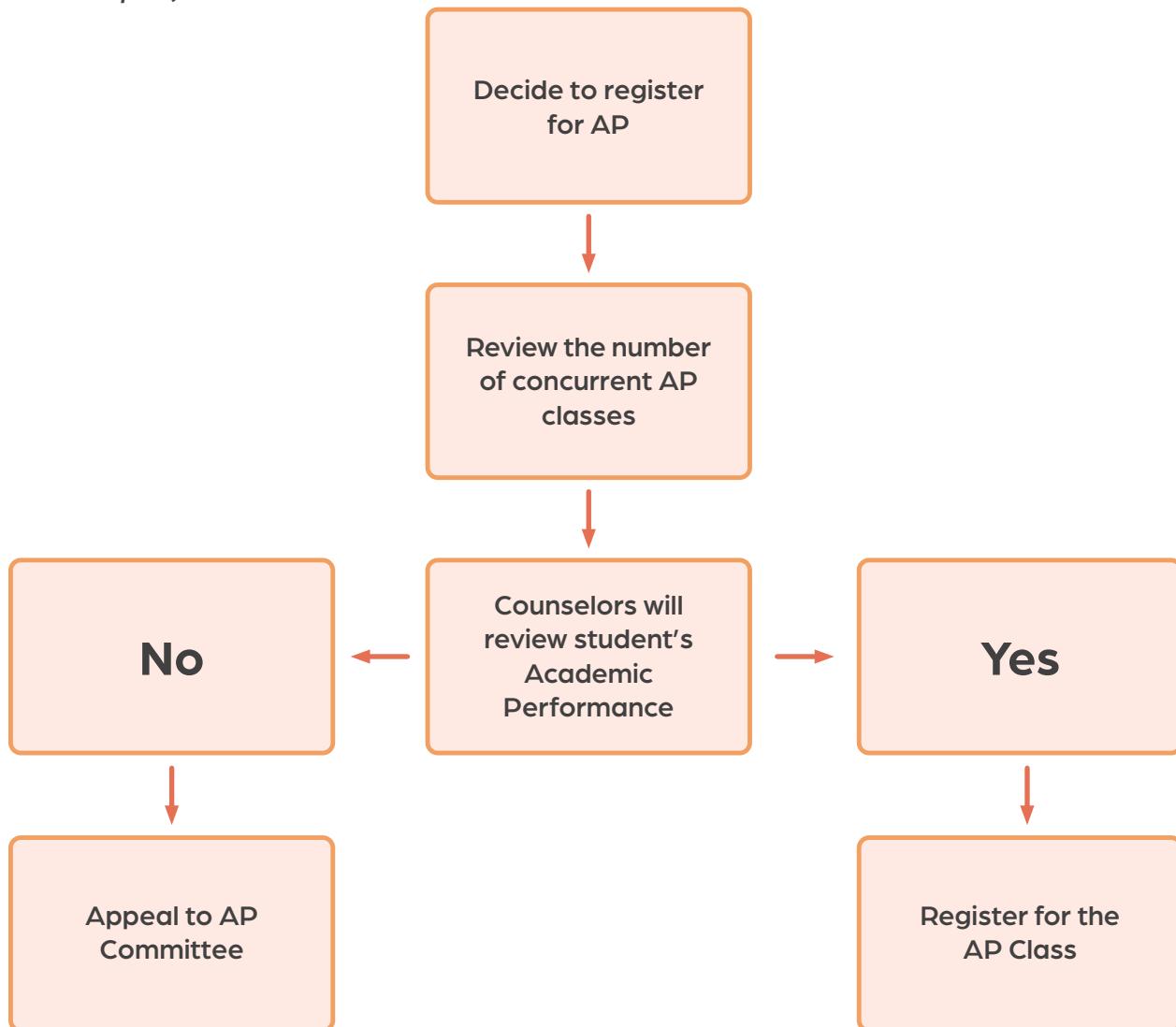
The following 2 flowcharts summarize the registration and enrollment process for an AP Class.

During Phase 1, students decide which AP classes they would like to register for and confirm the maximum number of concurrent AP classes. Student academic performance is used during the strategic placement of students into AP classes. This allows to identify students who are likely to score a 3 or higher on a given AP.

Decisions to register can be appealed via the campus AP Committee.

January–February Timeline

(Timeline is subject to change based on campus.)



Phase 2: Completing Summer Assignment & Contract Flowchart

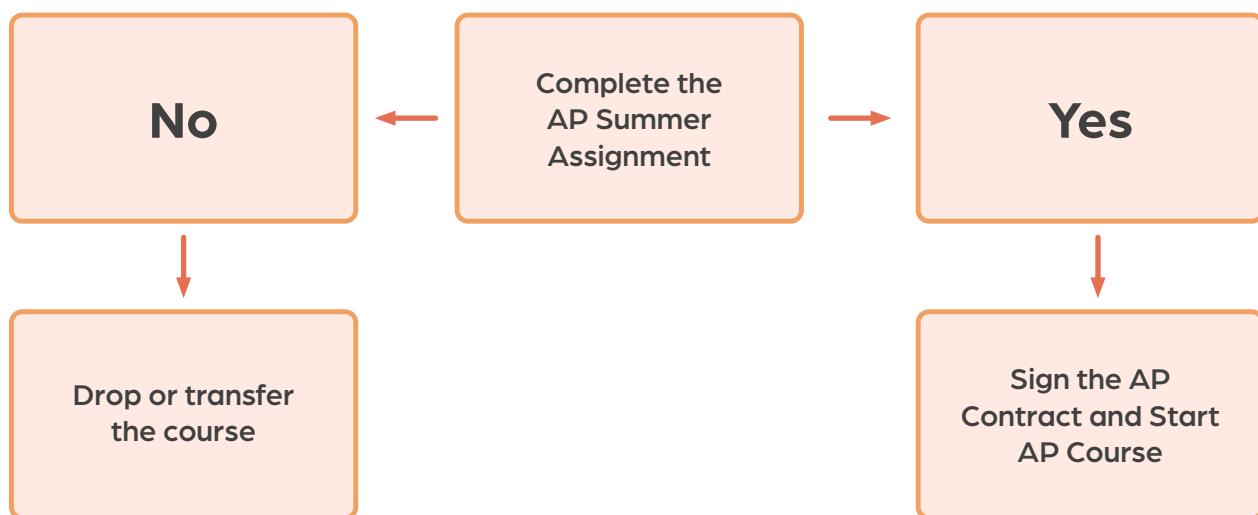
Final decision to enroll and start the AP course is contingent upon the completion of the summer assignment and signing of the AP contract.

Note:

- Summer work must be completed prior to the beginning of second week
- Students and parents must sign an AP contract and agree with the AP course guidelines

August-September Timeline

*(Timeline is subject to change
based on campus.)*



AP Committee will consider the following indicators when making a final decision to enroll a student into an AP class:

- AP Potential – Academic Performance
- Teacher Recommendations
- AP Exams
- SAT/ACT and other test data
- Previous AP Experience
- GPA

Students in AP Courses are expected to:

- Be independent learners that are willing to read, learn, and ask questions as well as pursue outside reading and research
- Discuss and share material relevant to the course in a collegial manner
- Spend adequate time every week studying or in tutorials to avoid falling behind
- Accept that enrollment in an AP course does not guarantee an A or B grade
- Openly accept assignments, suggestions, and coaching from the teacher
- Maintain a level of academic integrity that reflects the college level of an AP course
- Thoughtfully select their course load
- Prepare to take the AP exam in May for the course(s) in which they are enrolled
- Comply with any amendments to these expectations that their AP teacher chooses to implement

Students are expected to take the following action in order to avoid falling behind an AP course:

- Confer with their AP teacher weekly before/after school or via email
- Take immediate action in coordination with their AP teacher; this could include attending tutorials, completing supplemental work, or other appropriate action.



By registering for an AP course, students are making a commitment for the entire length of the course. Students should understand that registration for multiple AP courses is a commitment to undertake a challenging academic schedule.

SECTION V:

Dual Credit Program

Dual credit courses provide high school students an opportunity to experience rigorous college-level coursework and to receive, simultaneously, both high school and college-level course credit. Providing dual credit opportunities to high school students not only works to increase the number of students graduating from high school and attending college, but also to reduce students' costs and time to degree completion

(Coordinating Board for Higher Education Policy on Dual Credit Delivery)

What is Dual Credit?

- Dual Credit courses are courses offered for dual credit from agreements between high schools, universities and community colleges whereby a high school student enrolls in a college course and simultaneously earns college credit and high school credit for the course.
- Partnerships between Missouri secondary schools and Missouri colleges and universities have enabled high school students to earn college credits before graduating from high school, making their transition to the collegiate campus smoother and their likelihood of graduating from college greater.
- Courses are offered by accredited colleges and include both academic and career/technical courses. FS Dual Credit Program is designed towards helping students complete 42-43 credit hours which are known as General Education courses. Courses taken as dual credit will transfer to Missouri public institutions according to their transfer policies. Private and out-of-state institutions choose which courses to accept and whether credit for Dual Credit coursework will be honored.
- To ensure that students are taking meaningful dual credit courses, they need to be aware of the requirements and degree/certification requirements in their field of interest as well as their two-year college and their future four-year college. By tracking students' college coursework along with their high school graduation plan, students should be aware of their progress toward the college goals.
- College courses offered for dual credit may be offered online, taught at the college campus or the high school campus by credentialed instructors. Courses offered for dual credit include the same content and rigor as courses taught to other college students, utilizing the same instructors, curriculum and policies.
- The number of Dual Credit courses students can take will depend on course load and schedule availability of each student. A student taking 15 college credit hours per semester, including AP and Dual Credit courses, has the course load of a full-time college student. Considering the workload and the importance of academic success, students cannot be enrolled in more than 15 college credit hours per school semester.

Why Dual Credit?

The benefits to high school students who participate in dual credit courses are numerous. At many colleges, students are able to earn 12 or more hours of college credit prior to graduating from high school.

Advantages for dual credit students include the following:

- Receive high school and college credit for courses in which they earn a "C" or better
- Fast-track their undergraduate or vocational degrees
- Save on tuition and fees by accelerating time to complete a degree
- Reduced cost of enrolling in higher education courses
- Opportunity to access college facilities and resources such as tutoring services, computer labs, and counseling services
- Enhances skills required to be successful at the collegiate level such as time management skills, critical thinking skills, study skills and following directions and procedures



How Do Students Qualify for Dual Credit?

In order to be eligible for dual credit courses all prospective dual credit students must meet the same requirements for placement into individual courses, (e.g., English or mathematics) as those required of on-campus students. Institutions that use placement tests to assess students' readiness for college-level, individual courses must ensure that these students score proficient or above on the ACT or other common placement tests as adopted by the CBHE.

In addition to these requirements:

- A.** Students in the 11th and 12th grades with an overall minimum grade point average of 3.0 (on a 4.0 scale) are automatically eligible for dual credit courses.
- B.** Students in the 11th and 12th grades with an overall grade point average between 2.5 – 2.99 (on a 4.0 scale) must provide a signed letter of recommendation from their principal or guidance counselor and provide written permission from a parent or legal guardian.
- C.** Students in the 10th grade must have an overall minimum grade point average of 3.0 (on a 4.0 scale) and must provide a signed letter of recommendation from their principal and college counselor and provide written permission from a parent or legal guardian.
- D.** Students in the 9th grade must have an overall minimum grade point average of 3.0 (on a 4.0 scale), score at the 90th percentile or above on the ACT or SAT, and provide a signed letter of recommendation from their principal and college counselor and provide written permission from a parent or legal guardian.

Dual Credit Plan and High School Course Equivalency

At Frontier, students can take dual credit courses online through Missouri Southern State University's (MSSU) Core-42 program. Incoming sophomores will create a Dual Credit Plan based on MSSU's General Education requirements. Students who successfully complete approved dual credit courses will receive corresponding high school credit based on the course equivalency listed below:

College Course Hours		High School Credit
5 Hours	→	1 Credit
3-4 Hours	→	0.5 Credit
2 Hours	→	0.25 Credit
1 Hour	→	No Credit

Students can also take dual credit courses in-person through Metropolitan Community College (MCC) by approval of the College Counselor.

[Click here](#) for a detailed course catalog.

Frontier Schools Dual Credit Program Guidelines

Currently, FS offers free online dual credit courses to eligible students through Missouri Southern State University.

Below are the guidelines and conditions of the program:

- Eligible students must enter into a written agreement with the school before signing up for the classes. Dual Credit Program Agreement can be found under the Forms & Documents section of this guide.
- Eligible students must complete the On the Move Tuition Waiver Form.
[On the Move Tuition Waiver Form](#)
- School will cover the fees associated with dual credit courses (*tuition, textbook, other materials, etc.*) only if the students pass the courses. School diploma and the transcript will be withheld until the amount is paid.
- If a student fails, drops or withdraws from the course, all fees (*tuition, textbook, other materials, etc.*) must be paid back to school.
- The school will stop covering the costs of future dual credit courses if a student fails, drops or withdraws from the course. In order to continue taking dual credit courses in the future, the fees of the failed, dropped or withdrawn course must be fully refunded to school.
- Independent study classes may be granted to students who are taking Dual Credit courses. Any student who chooses to drop the dual credit course is no longer eligible for independent study classes and will be placed in another course by the counselor based on the availability of the schedule.
- Students may wish to retake a dual credit course to improve a failing or low grade. In this case, the fees (*tuition, textbook, other materials*) for the previous class must be fully paid back to school. Only the second (*the most recent*) grade will affect the GPA. Both grades will appear on the transcript.

SECTION VI:

College Counseling

Process at Frontier Schools

1. College Aspirations: Build a college-going culture based on early college awareness by nurturing in students the confidence to aspire to college and the resilience to overcome challenges along the way. Maintain high expectations by providing adequate support, building social capital, and conveying the conviction that all students can succeed in college.
2. Academic Planning for College and Career Readiness: Advance students' planning, preparation, participation, and performance in a rigorous academic program that connects to their college and career aspirations and goals.
3. Enrichment and Extracurricular Engagement: Ensure equitable exposure to a wide range of extracurricular and enrichment opportunities that build leadership, nurture talents and interests, and increase engagement with school.
4. College and Career Exploration and Selection Processes: Provide early and ongoing exposure to experiences and information necessary to make informed decisions when selecting a college or career that connects to academic preparation and future aspirations.
5. College and Career Assessments: Promote preparation, participation, and performance in college and career assessments by all students.
6. College Affordability Planning: Provide students and families with comprehensive information about college costs, options for paying for college, and the financial aid and scholarship processes and eligibility requirements, so they are able to plan for and afford a college education.
7. College and Career Admission Processes: Ensure that students and families have an early and ongoing understanding of the college and career application and admission processes so they can find the postsecondary options that are the best fit with their aspirations and interests.
8. Transition from High School Graduation to College Enrollment: Connect students to school and community resources to help the students overcome barriers and ensure the successful transition from high school to college.

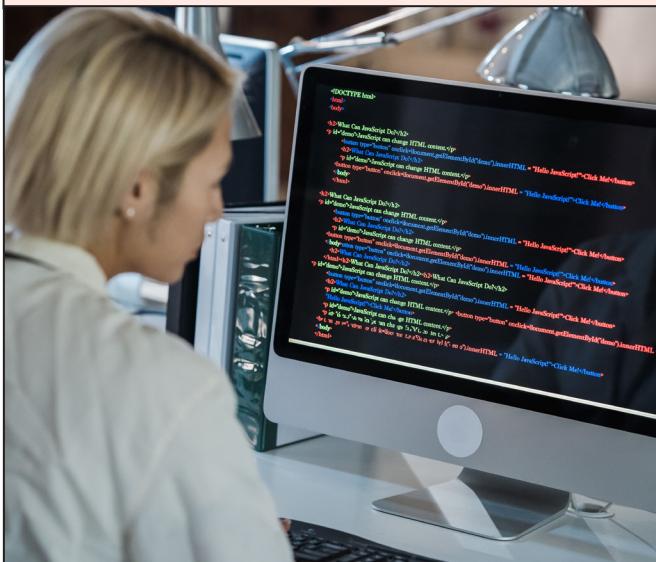
Crosswalk of Career Paths/Clusters

<p>Arts and Communications (Artistic "Creators")</p> <ul style="list-style-type: none">• Clusters: Arts, Audio/Visual Technology & Communications• Occupations include: Architecture, Interior Design, Creative Writing, Fashion Design, Film, Fine Arts, Graphic Design, Journalism, Languages, Radio, TV, Advertising, Public Relations• Recommended Electives: Computer Applications, Shop, Journalism, Drawing, Painting, Speech/Drama, Choir, Band, Music Appreciation, Textiles I & II, Housing, Graphic Arts, Drafting, Ceramics, Foreign Languages, Web Design and Digital Media, and Culinary Arts Programs• Clubs & Activities: Drama, Art, Shop, & Graphics Clubs, Speech Contest, FCCLA, Yearbook• Possible Volunteer/Work Experience: Community Theater, Church Choir, Radio/TV Station, Write for a Local Newspaper, Sing National Anthem at Events, Talent Shows, Face Painting	<p>Human Services (Social "Helpers")</p> <ul style="list-style-type: none">• Clusters: Education & Training, Government & Public Administration, Hospitality & Tourism, Law/Public Safety/Corrections/Security• Occupations include: Related to Economic, Political and Social systems, Education, Government, Law & Law Enforcement, Leisure & Recreation, Military, Religion, Child Care, Social Services and Personal Services• Recommended Electives: Computer Applications, Drama, Child Development I & II, Culinary I & II, Psychology, American Government, Weight Training, Speech, Cont. Issues, Law, Advanced American History I & II, AP Psychology, AP Government, Sociology, Family Health, Tourism & Hospitality• Clubs & Activities: Sports, Student Council, Class officer, FCCLA, TREND, Youth Alive, A+ Program, Teen CERT• Possible Volunteer/Work Experience: Work for Political Campaigns, Day Care, Teacher Aide, YMCA, Scouts, Junior Achievement, A+ Tutor
--	---



Business, Management & Technology (Conventional "Organizers")

- **Clusters:** Information Technology, Finance and Marketing
- **Occupations include:** Sales, Entrepreneurship, Marketing, Computers, Finance Accounting, Personnel, Economics and Management
- **Recommended Electives:** Computer Applications, Publications, Accounting, Marketing, Personal Finance, COE, Sports & Entertainment Marketing, Computer Graphics, Economics, Speech, Digital Media, Career Opportunities., Web Design, Desktop Publishing, Business Technology, Tourism & Hospitality, Digital Media and Business Management Program at the ATS
- **Clubs & Activities:** FBLA, DECA
- **Possible Volunteer/Work Experience:** Junior Achievement, Sales Projects for Clubs, Raise Money for Charitable Causes, Office or School Counseling Office Aide



Industrial & Engineering Technology (Realistic/Investigative/ Conventional "Doers/ Thinkers/Organizers")

- **Clusters:** Architecture/Construction, Manufacturing, Science/ Technology/ Engineering/Math, Transportation, Distribution & Logistics
- **Occupations include:** Related to Design, Develop, Install, and Maintain Physical Systems, Engineering, Manufacturing, Construction, Service and related Techs
- **Recommended Electives:** Computer Applications, Geometry, Physics, Publications, Sculpture, Ceramics, Shop I, Small Engines, Architectural Drafting, Metals, Mechanical Drafting, ABC Science, Speech and Jefferson College programs in Electronics, Computer Aided Drafting, Auto Tech, Machine Tool Tech, Welding, Residential Carpentry, Residential Wiring
- **Clubs & Activities:** Shop, Math, Art, Graphics, and Computer Clubs, Yearbook
- **Possible Volunteer/Work Experience:** Maintenance and Repairing Small Appliances, Automobiles, or Computers



Health Services

(Investigative/Social "Thinkers/Helpers")

- **Clusters:** Health Sciences
- **Occupations Include:** Related to the promotion of health and the treatment of disease. Research, Prevention, Treatment and related Technologies
- **Recommended Electives:** Anatomy/ Physiology, ABC Science, Adv. Biology, Chemistry, Psychology, Computer Applications, Weight Training, Boys/Girls Health, Family Health, Contemporary Issues, Culinary I & II, Speech, Jefferson College Health Program
- **Clubs & Activities:** Science Club, FHA, Weight lifting, TREND, Teen CERT
- **Possible Volunteer/Work Experience:** Hospital Volunteer, Red Cross, Donate Blood, Food Service Advisory Board Member, Nurse/Pharmacist for a Day

Natural Resources

(Realistic "Doers")

- **Clusters:** Agriculture, Food, Natural Resources
- **Occupations Include:** Related to Agriculture and Environment
- **Recommended Electives:** Agriculture Science, Environmental Science, Earth Science, Fisheries, Forestry, Horticulture and Wildlife Recommended Electives: Computer Applications, Geology, Ecology, Advanced Biology, Chemistry, Culinary, Speech, ABC Science
- **Clubs & Activities:** Missouri Conservation, Science Club, Outdoor Activities, Green Team
- **Possible Volunteer/Work Experience:** Adopt a Highway or River, Florist, Parks, Botanical Gardens, Zoo, Veterinary, Animal Shelter



[Click here](#) to learn more.

Individual Student Planning Vocabulary

Career Awareness:

Gaining knowledge of career paths and job opportunities and the skills and qualifications necessary to be successful.

Career Exploration:

Process of learning about yourself and the world of work and developing and effective strategies to realize your goals.

Career Paths and Career Clusters:

Six career paths branch into 16 career clusters to provide a progressive framework to organize the world of work and career information. The framework provides the structure to assist students in understanding the world of work, and to organize course and co-curricular offerings in the school.

Career Pathways:

The 16 career clusters diverge into 78 career pathways.

Career Planning:

On-going processes that can help you manage your learning and career development.

School Counseling Grade Level Expectations (GLEs):

The systematic, sequential and developmentally appropriate set of knowledge, skill and understanding for the K-12 school counseling curriculum.

Individual Student Planning:

The process of on-going educational and career-planning services that helps all students develop personal plans of study organized around programs of study and their personal, career, and educational goals.

Life Career Development:

Self-development over the life span through the integration of roles, settings, and events of a person's life.

Missouri Career Education:

A collection of resources provided on Missouri Department of Elementary and Secondary Education website can be found [here](#).

Missouri Connections:

A free web-based career and educational planning resource to help Missouri citizens determine their career interests, explore occupations, establish education plans, develop job search strategies, and create résumés.

Personal Plan of Study (PPoS):

A student's scope and sequence of coursework and related activities based upon their chosen Career Path or Career Cluster and their educational goals. Initiated in the eighth grade, it is designed to insure a successful post-secondary transition. The key component of the Individual Student Planning Process.

Program of Study (POS):

Secondary-to-postsecondary sequences of academic and career education coursework, along with additional learning opportunities, that lead students to attain a postsecondary degree or industry-recognized certificate or credential.

- A. Process:** Missouri currently uses a 10 step process for the development of Programs of Study that is aligned with federal guidelines which includes creation of POS templates and secondary/post-secondary curriculum alignment.
- B. Template:** The model or form developed by schools that lists courses, occupations and additional learning opportunities to help students develop their personal plan of study. The completion of the POS template does not infer that the POS process has been completed.

SchooLinks Portal

SchooLinks is a modern, college and career readiness platform to prepare students for what comes after graduation. SchooLinks helps students discover their interests and strengths, explore colleges and careers, and create an individualized career and academic plan that best reflects their post-secondary goals.

SchooLinks features are incredibly user-friendly and were designed to streamline the college and career readiness workflow for counselors and staff.

The advantages of using SchooLinks include the following:

- Centralize all student info in one place (course plans, resumes, transcripts, scores, etc.)
- Build student Individual Career & Academic Plan (ICAP)
- Communicate with students and parents
- Visualize analytics to understand cohort level trends
- Track students' college applications
- Post internships, scholarships and career fairs
- Send electronic transcripts and supporting documents

What students and families can do:

- Portfolio building capabilities for K-12th grade students
- Access career interest, strength and mindset surveys
- Explore 2-year and 4-year colleges as well as take virtual reality college campus tours
- Search for scholarships and learn about financial aid
- Explore traditional, emerging and military career fields and internship/volunteer opportunities
- Create digital portfolios and resumes
- Build their Individual Career & Academic Plan (ICAP)
- Communicate with counselors

Individual Career and Academic Plan

Pursuant to Section 167.903 of Senate Bill 638 of Department of Elementary and Secondary Education of Missouri, middle school 8th grade students will complete their personal study plan.

The Individual Career & Academic Plan (ICAP), is a plan of study to guide students through the coursework and activities for achieving personal career goals, post-secondary planning and providing individual pathway options. An ICAP is a multi-year process, beginning no later than the eighth grade, that intentionally guides students and families in the exploration of career, academic and multiple post-secondary opportunities to include *direct access to the workforce *military *tech school/area career center *vocational training (apprenticeship), *2 year college and *4 year college. An ICAP is a "roadmap" to help students develop the awareness, knowledge, attitudes, and skills to create their own meaningful pathways to be success ready graduates. The ICAP, which stands for Individual Career and Academic Plan, is a tool mandated by the state of Missouri to help you plan for your future. It is required that each student complete the sections required for their grade level prior to registering for classes for the next school year.

Critical Shortage Occupations

Section 167.902, RSMo, requires the Department of Economic Development to annually identify occupations in which there is a critical need or shortage of trained personnel in Missouri's labor market.

Information related to the bill's requirements is available on the DESE [School Counseling Legislation](#) webpage.

To view the High-Demand Occupations list, please [click here](#).

High-Demand Occupations

The following occupations were identified from using the Long Term Occupational Projections 2020-2030 for Missouri. The data was extracted from the MERIC website. <https://meric.mo.gov/workforce-research/occupational-projections>. The Long-term Projections (Statewide-MO All Occupations) information was used to determine the high-demand occupations list. Only occupations receiving a MERIC grade of "A" or "B" were considered for this list. Regardless of grade, any occupation listed as requiring less than a high school diploma and listed as only short-term on-the-job training were not be eligible. The level of formal educational attainment required, as identified through MERIC data, may not exceed an associate degree to be listed as high-demand.

1. Aerospace Engineering and Operations Technicians
2. Agricultural and Food Science Technicians
3. Aircraft Mechanics and Service Technicians
4. Architectural and Civil Drafters
5. Audio and Video Equipment Technicians
6. Automotive Body and Related Repairers
7. Automotive Service Technicians and Mechanics
8. Billing and Posting Clerks
9. Brickmasons and Blockmasons
10. Bus and Truck Mechanics and Diesel Engine Specialists
11. Cabinetmakers and Bench Carpenters
12. Calibration and Engineering Technologists and Technicians, Except Drafters, All Other
13. Cardiovascular Technologists and Technicians
14. Cargo and Freight Agents
15. Carpenters

16. Chefs and Head Cooks
17. Chemical Technicians
18. Childcare Workers
19. Civil Engineering Technicians
20. Claims Adjusters, Examiners, and Investigators
21. Coating, Painting, and Spraying Machine Setters, Operators, and Tenders
22. Commercial Pilots
23. Community Health Workers
24. Computer Network Support Specialists
25. Computer Numerically Controlled Tool Operators
26. Computer Numerically Controlled Tool Programmers
27. Computer Systems Analysts
28. Computer User Support Specialists
29. Construction and Building Inspectors
30. Construction Laborers
31. Cooks, Fast Food
32. Cooks, Short Order
33. Customer Service Representatives
34. Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
35. Dental Assistants
36. Dental Hygienists
37. Dental Laboratory Technicians
38. Detectives and Criminal Investigators
39. Diagnostic Medical Sonographers
40. Dispatchers, Except Police, Fire, and Ambulance
41. Electrical and Electronics Engineering Technicians
42. Electrical Power-Line Installers and Repairers
43. Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers
44. Electricians
45. Electro-Mechanical Technicians
46. Elevator Installers and Repairers
47. Emergency Medical Technicians and Paramedics
48. Excavating and Loading Machine and Dragline Operators, Surface Mining
49. Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
50. Farm Equipment Mechanics and Service Technicians

- 51. Farmers, Ranchers, and Other Agricultural Managers
- 52. Firefighters
- 53. First-Line Supervisors of Construction Trades and Extraction Workers
- 54. First-Line Supervisors of Fire Fighting and Prevention Workers
- 55. First-Line Supervisors of Food Preparation and Serving Workers
- 56. First-Line Supervisors of Housekeeping and Janitorial Workers
- 57. First-Line Supervisors of Mechanics, Installers, and Repairers
- 58. First-Line Supervisors of Non-Retail Sales Workers
- 59. First-Line Supervisors of Office and Administrative Support Workers
- 60. First-Line Supervisors of Police and Detectives
- 61. First-Line Supervisors of Production and Operating Workers
- 62. First-Line Supervisors of Retail Sales Workers
- 63. First-Line Supervisors of Transportation & Material Moving Workers, Except Aircraft Cargo Handling
- 64. Fitness Trainers and Aerobics Instructors
- 65. Food Service Managers
- 66. Glaziers
- 67. Hairdressers, Hairstylists, and Cosmetologists
- 68. Health Information Technologists, Medical Registrars, Surgical Assistants, & Healthcare Practitioners, AO
- 69. Healthcare Support Workers, All Other
- 70. Heating, Air Conditioning, and Refrigeration Mechanics and Installers
- 71. Heavy and Tractor-Trailer Truck Drivers
- 72. Helpers--Pipe layers, Plumbers, Pipefitters, and Steamfitters
- 73. Helpers--Production Workers
- 74. Highway Maintenance Workers
- 75. Home Health and Personal Care Aides
- 76. Industrial Engineering Technicians
- 77. Industrial Machinery Mechanics
- 78. Installation, Maintenance, and Repair Workers, All Other
- 79. Insulation Workers, Mechanical
- 80. Insurance Claims and Policy Processing Clerks
- 81. Insurance Sales Agents
- 82. Landscaping and Groundskeeping Workers
- 83. Licensed Practical and Licensed Vocational Nurses
- 84. Life, Physical, and Social Science Technicians, All Other

- 85. Light Truck or Delivery Services Drivers
- 86. Loan Interviewers and Clerks
- 87. Locomotive Engineers
- 88. Machinists
- 89. Magnetic Resonance Imaging Technologists
- 90. Maintenance and Repair Workers, General
- 91. Maintenance Workers, Machinery
- 92. Massage Therapists
- 93. Medical Assistants
- 94. Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other
- 95. Medical Equipment Preparers
- 96. Medical Equipment Repairers
- 97. Medical Secretaries
- 98. Millwrights
- 99. Miscellaneous Assemblers and Fabricators
- 100. Mixing and Blending Machine Setters, Operators, and Tenders
- 101. Mobile Heavy Equipment Mechanics, Except Engine
- 102. Molders, Shapers, and Casters, Except Metal and Plastic
- 103. Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic
- 104. Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic
- 105. Nursing Assistants
- 106. Occupational Therapy Assistants
- 107. Operating Engineers and Other Construction Equipment Operators
- 108. Ophthalmic Medical Technicians
- 109. Outdoor Power Equipment and Other Small Engine Mechanics
- 110. Packaging and Filling Machine Operators and Tenders
- 111. Paralegals and Legal Assistants
- 112. Paving, Surfacing, and Tamping Equipment Operators
- 113. Pharmacy Technicians
- 114. Phlebotomists
- 115. Physical Therapist Assistants
- 116. Plumbers, Pipefitters, and Steamfitters
- 117. Police and Sheriff's Patrol Officers
- 118. Police, Fire, and Ambulance Dispatchers

- 119. Preschool Teachers, Except Special Education
- 120. Production Workers, All Other
- 121. Production, Planning, and Expediting Clerks
- 122. Property, Real Estate, and Community Association Managers
- 123. Psychiatric Technicians
- 124. Radiologic Technologists
- 125. Railroad Conductors and Yardmasters
- 126. Real Estate Brokers
- 127. Real Estate Sales Agents
- 128. Recreational Vehicle Service Technicians
- 129. Registered Nurses
- 130. Respiratory Therapists
- 131. Sales Representatives, Services, All Other
- 132. Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products
- 133. Security and Fire Alarm Systems Installers
- 134. Security Guards
- 135. Self-Enrichment Education Teachers
- 136. Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders
- 137. Sheet Metal Workers
- 138. Social and Human Service Assistants
- 139. Structural Iron and Steel Workers
- 140. Surgical Technologists
- 141. Surveying and Mapping Technicians
- 142. Teacher Assistants
- 143. Telecommunications Line Installers and Repairers
- 144. Tool and Die Makers
- 145. Transportation, Storage, and Distribution Managers
- 146. Veterinary Assistants and Laboratory Animal Caretakers
- 147. Veterinary Technologists and Technicians
- 148. Web Developers and Digital Interface Designers
- 149. Welders, Cutters, Solderers, and Brazers
- 150. Woodworking Machine Setters, Operators, and Tenders, Except Sawing

Missouri Public School Career Centers Map

Career centers across Missouri offer training in a wide range of occupations, including those identified as having a critical need or shortage of trained personnel in the state's labor market. Training in many of these fields leads to industry-recognized credentials and certificates that are highly valued by employers.

The map available at this link provides direct connections to each career center. Individuals and schools are encouraged to contact their local career center to learn more about available occupational training opportunities and applicable licensing requirements.

Missouri Public School Career Centers Map

Additional Resources

MERIC Occupational Studies

The MERIC website offers a variety of resources, including occupational data, career exploration tools, target industry real-time briefs, and workforce studies.

MERIC Industry Studies

Resources include information on employment trends and projections, Missouri industries and businesses, industry clusters, target industry briefs, export data, and special projects. These materials can be accessed [here](#).

MERIC 2016–2026 Statewide Industry Projections

This resource provides statewide projections to support workforce planning and labor market analysis.

SECTION VII:

A+ Scholarship Program

The A+ Scholarship Program provides scholarship funds to eligible graduates of A+ designated high schools who attend a participating public community college or vocational/technical school, or certain private two-year vocational/technical schools.

- Be a U.S. citizen or permanent resident.
- Enter into a written agreement with your high school prior to graduation.¹
- Attend a designated A+ high school for 2 years immediately prior to graduation.²
- Graduate with an overall grade point average of 2.5 or higher on a 4.0 scale.
- Have at least a 95% attendance record overall for grades 9–12.
- Perform at least 50 hours of unpaid tutoring or mentoring, of which up to 25% may include job shadowing prior to graduation.³
- Maintain a record of good citizenship and avoid the unlawful use of drugs and/or alcohol while in grades 9–12.
- Have achieved a score of proficient or advanced on the Algebra I end of course exam or a higher level DESE approved end-of-course exam in the field of mathematics.⁴

¹ A+ Program Agreement Form can be found under the Forms & Documents section of this guide.

² If one of your parents is a member of the military on active duty or has retired from the military and relocated to Missouri within one year of their retirement, you are exempt from this requirement. However, you must attend an A+ designated high school in the school year immediately preceding graduation and meet all of the other high school eligibility requirements.

³ High school policy may allow this criterion to be met up to 6 months beyond high school graduation in exceptional circumstances. Check with your high school's A+ coordinator to see if this is an option.

ACT Math Score		High School GPA
17 or greater	and	2.5 or greater
16	and	2.8 or greater
15	and	3.0 or greater

[Click here to learn more.](#)

⁴ High School Seniors: If you meet all of the eligibility requirements except the end of course exam requirement, you may establish eligibility by achieving a combined ACT math subscore and high school GPA in accordance with the following scale. You may achieve the qualifying score as a high school or postsecondary student. If you achieve the score as a postsecondary student you may be eligible for an award in the same term that you take the test.

SECTION VIII:

Course Descriptions

Specific Requirements and Interpretive Notes for Missouri High School Graduation Requirements:

English Language Arts

Missouri high school graduates must earn at least four units to enable students to master important knowledge and skills in standard grammar and usage; composition; reading widely and deeply in both literary and informational texts; writing routinely for a variety of tasks, purposes and audiences; speaking and listening using multiple modalities including technology; language skills demonstrating control of the conventions of standard English; and vocabulary acquisition and use.

Interpretative Notes: Courses in world languages (including American Sign Language, ASL), school publications, yearbook, media, photography, and radio and television may not be counted toward meeting the minimum requirements. Speech and debate courses are counted for English language arts credit. Scholastic journalism (mass media) may be counted for language arts credit, but only if it is taught by a certificated English teacher.

Mathematics

Missouri high school graduates must earn at least three units selected to ensure that students have strong problem-solving skills and a foundation in the mathematical concepts of number sense, geometry and spatial sense, measurement, data analysis, statistics, patterns and relationships, algebraic thinking, mathematical systems, number theory, and discrete topics.

Interpretative Notes: Courses commonly named “computer math,” the content of which is computer literacy, introductory computer programming, and nominal mathematics applications on computers may not be counted toward meeting the minimum requirements in mathematics.

Science

Missouri high school graduates must earn at least three units selected to ensure that students have mastered the unifying concepts, principles and laws common to all the sciences; can competently apply the scientific practices; and can organize and solve scientific problems in consumer, career and technical environments.

Social Studies

Missouri high school graduates must earn at least three units selected to enable students to master important knowledge and skills in the areas of civic knowledge and responsibility; economic systems and functions; governmental functions; geography; world history; and American history. One of the three units must be American history, and the equivalent of one-half unit must be in government.

Fine Arts

Missouri high school graduates must earn at least one unit, which must be from the following: music, visual arts, dance, or theater. The content ensures that students master fundamental knowledge of the subject, including history, aesthetics, and criticism, and are able to produce or perform at an introductory level in at least one area of fine arts.

Interpretative Notes: Only music, visual arts, dance, or theater may be counted toward meeting the minimum requirements. World languages (including ASL), literature, literature appreciation, speech, debate, radio and television, and stagecraft may not be counted. To earn fine arts credit for marching band or drum corps, students must also play musical instruments and participate during times of concert or performing activities.

Practical Arts

Missouri high school graduates must earn at least one unit designed to provide life skills or to contribute to the student's career goals.

Interpretative Notes: Practical arts courses are those in which students learn to integrate academic knowledge and skills with pre-vocational and career technical knowledge and skills, and to apply them in authentic situations. Practical arts courses include courses of general interest such as computer applications, school publications, and technology education, as well as career technical education courses.

Physical Education

Missouri high school graduates must earn at least one unit that provides students with knowledge and skills necessary for developing and maintaining a lifestyle that fosters physical fitness, participation in recreational activities, and general concern for personal well-being.

Interpretative Notes: Physical education programs must focus on the knowledge and skills needed for the development of cardiorespiratory endurance, muscular strength, flexibility and body composition; and stress the importance of physical activity as an important component of lifetime health and wellness. Courses devoted to conditioning for interscholastic sports or practicing for interscholastic sports may not be counted toward meeting the minimum requirement. Courses offered for elective credit may include exercise or learning about team or individual sports.

Health

Missouri high school graduates must earn at least one-half unit that addresses structures of, functions of, and relationships among human body systems; principles and practices of physical and mental health (*such as personal health habits, nutrition, stress management*); diseases and methods for prevention, treatment and control; principles of movement and physical fitness; methods used to assess health, reduce risk factors, and avoid high risk behaviors (*such as violence, tobacco, alcohol and other drug use*); consumer health issues (*such as the effects of mass media and technologies on safety and health*); and, responses to emergency situations.

Personal Finance

Missouri high school graduates must earn at least one-half unit that addresses the Missouri competencies in the areas of income, money management, spending and credit, and saving and investing. It is recommended that the Personal Finance course be completed after the ninth grade because of the specific content and its relevance for persons reaching the age at which they must begin to assume financial responsibilities. However, grade level designations are not included in the Rule, so the grade level at which Personal Finance may be taught is ultimately an individual school district's decision. Although the Graduation Handbook does refer to specific grade levels at which the course is to be offered, that document is meant for technical assistance only.

Electives

Missouri high school graduates must earn at least seven units selected to ensure mastery of important basic academic knowledge, skills and competencies which may otherwise not have been mastered; to extend and enhance mastery of advanced academic skills; to prepare students with employment skills; and, for students not pursuing postsecondary education, to ensure that they have the knowledge and skills needed to prepare for employment in current and emerging fields.

Interpretative Notes: Every elective should be chosen because the knowledge and skills taught in the course will strengthen a student's career-education preparation and increase the student's probability of succeeding in postsecondary education. Students should not be permitted to select electives randomly or simply to accumulate the required number of units of credit.

Missouri Coordinating Board for Higher Education High School Core Curriculum Requirement Course Description (CBHE):

The Coordinating Board for Higher Education (CBHE), the Missouri Department of Higher Education (MDHE), Missouri higher education institutions, and the Missouri K-12 community share a common interest in promoting student preparation as a foundation of enrollment, retention, and success in Missouri postsecondary institutions.

Accordingly, with collaboration across educational sectors, the CBHE has established a recommended 24-unit high school core curriculum guideline for students who plan to enroll in a Missouri college or university.

The CBHE 24-unit high school core curriculum is designed to prepare high school students for access to and retention/success in collegiate-level work. Students are expected to demonstrate competency in high school core content. Failure to do so may result in placement in developmental/remedial coursework at an additional time and expense to the student.

The CBHE encourages governing boards at Missouri's higher education institutions to incorporate the 24-unit high school core curriculum into admissions processes for all first-time freshmen; however, admissions and placement decisions are ultimately made at the institutional level. Requirements vary for admission to Missouri institutions. For example, foreign language study is required for admission to some institutions. Students are strongly encouraged to discuss admissions requirements and placement practices with staff at Missouri institutions in which they may be interested in enrolling. The CBHE Recommended College Preparatory High School Curriculum is recommended for full implementation beginning with the Missouri college graduation class of 2018 (*entering as college freshman in the Fall of 2014*).



For students graduating from high school having earned the minimum requirement of 24 credits, the CBHE recommends a core curriculum which includes units by content area as follows:

CBHE-Recommended Coursework	
English/Language Arts	4 Units
Social Studies	3 Units
Mathematics	4 Units*
Fine Arts	1 Unit
Additional Coursework	3 Units**
Electives	6 Units***

* At least one mathematics course should be taken each year. It is particularly important that students take a mathematics course in grade 12.

** Missouri public high school students are required by the State Board of Education to complete units in practical arts (1), physical education (1), health education (1/2), and personal finance (1/2).

*** All students should complete at least 3 total elective units in foreign language and/or other courses within high school core content areas defined below. Two units of a single foreign language are strongly recommended.

For each high school core content area, descriptions follow that provide illustrations of coursework acceptable and unacceptable for the high school core curriculum.

English/Language Arts

- English/language arts coursework (4 units) emphasizes college preparatory composition, research skills, analysis of literature, and other content of comparable or greater rigor. Speech and debate courses may be included.
- Coursework not acceptable for the high school core curriculum emphasizes student publications, broadcast media, or theater.

Social Studies

- Social studies coursework (3 units) emphasizes American history, Missouri government and Missouri history as required by state statute, geography/world civilizations, and other content of comparable or greater rigor.
- Coursework not acceptable for the high school core curriculum emphasizes family/human development or consumer education.

Mathematics

- Mathematics coursework (4 units) emphasizes college preparatory algebra and other content of comparable or greater rigor. Students who complete algebra prior to the freshman year would be expected to complete four additional units in grades 9–12. Students who achieve a proficiency score of 3 or 4 on the Smarter Balanced grade 11 assessment must demonstrate continued study of mathematics for the score to be considered valid in the first year of college.
- Coursework that emphasizes pre-algebra, computer math/programming, consumer/basic math, or business math/accounting is not acceptable for the CBHE Recommended College Preparatory High School core curriculum.

Science

- Science coursework (3 units) emphasizes college preparatory biology, chemistry, and other content of comparable or greater rigor. Science coursework should include at least one laboratory course.
- Coursework not acceptable for the high school core curriculum emphasizes general or consumer science.

Fine Arts

- Fine arts coursework (1 unit) emphasizes visual arts, instrumental or vocal music, dance, theater, or other content of comparable or greater rigor. Critical analysis, theory, or "appreciation" courses may be included.
- Coursework not acceptable for the high school core curriculum emphasizes speech, debate, or broadcast media.

Forms & Documents



Address:
6800 Corporate Dr
Kansas City, MO 64120

Phone:
(816) 241-6200
Fax:
(816) 241-6201
Website:
frontierschools.org

DUAL CREDIT PROGRAM AGREEMENT

Dual credit courses, taken through Missouri Southern State University, offer students the opportunity to earn both high school and college credit in the same class. High school students must meet the university's eligibility criteria and be approved by school administration to enroll in dual credit courses. Students will take the classes online at school. The classes can be accessed anywhere with an internet connection such as home, library, etc. All students are required to remain at the high school for all dual credit classes. **Students can take up to 15 college hours depending on his/her high school schedule per semester.**

Classes at Missouri Southern State University (MSSU) cost \$60 per credit plus fees for textbooks and other materials. School will cover the cost for tuition and for the required materials only if a student passes the classes. The students who drop/withdraw, retake or fail classes must pay the amount paid to MSSU back to Frontier Schools. The students will earn the corresponding high school credit below.

College Course Hours		High School Credit
5 Hours	→	1 Credit
3-4 Hours	→	0.5 Credit
2 Hours	→	0.25 Credit
1 Hour	→	No Credit

Note: Students will not earn any high school credit if they complete one hour of college course. These courses will appear on student's transcripts without affecting their GPAs.

Student: I have read the provisions set forth for dual credit enrollment, and agree to comply with the rules and regulations. In addition, I authorize Missouri Southern State University to release my grades to my high school.

Student Full Name

Student Signature

Date

Parent: I have read the provisions my child is responsible for dual credit enrollment, and I will support my child with their concurrent pursuit of post-secondary education while in high school. In addition, I authorize Frontier Schools to take the necessary steps to enroll, drop, or withdraw my child if needed.

Parent Full Name

Parent Signature

Date

*** SCHOOL USE ONLY ***

This student is approved for dual credit enrollment at Missouri Southern State University.

Counselor Full Name

Counselor Signature

Date



Address:
6800 Corporate Dr
Kansas City, MO 64120

Phone:
(816) 241-6200
Fax:
(816) 241-6201
Website:
frontierschools.org

A+ PROGRAM PARTICIPATION AGREEMENT

Student Last Name

Student First Name

Student Grade Level

I want to participate in the A+ Schools Program. I understand that the graduates who qualify may be eligible to receive financial assistance with tuition and fees to any public community college, vocational, or technical school in the state of Missouri, contingent upon continued funding by the Missouri Legislature.

It is my intent to meet or exceed the eligibility requirements listed below that may allow me to participate in the A+ Schools Program.

1. Be a U.S. citizen or permanent resident.
2. Enter into a written agreement with your high school prior to graduation.
3. Attend a designated A+ high school for 2 consecutive years immediately prior to graduation.
4. Graduate with an overall grade point average of 2.5 or higher on a 4.0 scale.
5. Have at least a 95% attendance record overall for grades 9-12.
6. Perform at least 50 hours of unpaid tutoring or mentoring, 25% may include job shadowing prior to graduation.
7. Maintain a record of good citizenship and avoid the unlawful use of drugs and/or alcohol while in grades 9-12.
8. Have achieved a score of proficient or advanced on the Algebra I end of course exam or a higher level DESE approved end-of-course exam in the field of mathematics.

Further, to maintain eligibility after graduation, I must meet the following criteria:

1. Attend, on a full-time basis, a Missouri public community college, vocational or technical postsecondary institution.
2. Maintain a GPA of 2.5 or higher on a four (4)-point scale.

The student and parent/guardian must sign this A+ Program Participation Agreement before the student will be considered for participation in the A+ Schools Program. By signing this agreement the student and parent/guardian certify that they have read, understand and agree to the A+ eligibility requirements listed above.

Accept: I agree to participate and work to meet all the A+ eligibility requirements.

Decline: I decline to participate in the A+ program.

Student Signature

Date

Parent Signature

Date

Site-Based A+ Coordinator Signature

Date

COMMUNITY SERVICE LOG

Please see the back page for Student Guide to Community Service.

Student Name: _____

Total Hours Served: _____

Service Start Date: _____

Service End Date: _____



	Date of Service	Time In	Time Out	Total Hours	Volunteer Organization	Activity Description	Name of Supervisor	Supervisor Signature	Supervisor Phone
Activity #1									
Activity #2									
Activity #3									
Activity #4									
Activity #5									
Activity #6									

Make sure that this form clearly states the non-profit agency, contact person, and phone number so that non-profit status and your service hours can be verified. Incomplete forms will be rejected. (Keep a copy of this form for your records.)

Student Signature

I have read and understood Frontier Schools Community Service Guidelines. All information that I am submitting is accurate and the details (hours, dates, location and contact information) are truthful. I understand that the information I am submitting may be audited for accuracy.

Date



frontierschools.org