



Ferguson-Florissant
College & Career Planning Guide
2018—2019

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FERGUSON-FLORISSANT SCHOOL DISTRICT

2018 – 2019 COLLEGE AND CAREER PLANNING GUIDE

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McCluer North High School

705 Waterford Drive Florissant, Missouri 63033

(314) 506-9200

Administration

Dr. Andrew Croley	Principal
Mr. Donald Frazier	Assistant Principal
Dr. Anissa Harris	Assistant Principal
Dr. Benjamin Eye	Assistant Principal
Mr. David Arledge	Assistant Principal
Mr. Christopher Kusnerick	Activities and Athletic Director

Counselors

Alexis Brewer	Class of 2019
Jennifer Mahan	Class of 2020
Maeghan Gunn	Class of 2021
Kristin French	Class of 2022



McCluer High School

1896 S. New Florissant Road Florissant, MO 63033

(314)-506-9400

Administration

Mr. Cedric Gerald	Principal
Dr. Tracee Lewis	Assistant Principal
Mr. Andrew Emmerich	Assistant Principal
Mr. Kurtis Downing	Assistant Principal
Mr. Courtney Ford	Assistant Principal
Mr. David Kastrup	Activities and Athletic Director

Counselors

Tim Vanderhoof	Class of 2022
Suzanne Kirsch	Class of 2021
Iris McClendon	Class of 2020
Allison Bender	Class of 2019



McCluer South-Berkeley High School

201 Brotherton Lane Ferguson, MO 63135

(314)-506-9800

Administration

Mr. Eric Harris	Principal
Mrs. Ayo Alfred	Assistant Principal
Mr. Jeffrey Tandler	Assistant Principal
Mr. Keith Rhodes	Activities and Athletic Director

Counselors

Tiffannie Porter	Class of 2020 & 2022
Ms. Chiquita Stuckey	Class of 2019 & 2021

General Information

Students with the help of their parents, guidance counselor and advisors are responsible for planning a program most appropriate to their personal goals, interests and abilities. Students are encouraged to clarify their general goals early and attempt to develop a four-year plan during the ninth grade. Establishing goals and a four-year plan will make course selection from year to year a much easier task.

Fulfilling graduation requirements will help guide many course selections. However, students, parents and advisors will still find the need to determine more specific personal goals as guides for other program decisions. The aim is to allow each student an opportunity to choose from among their high school's many offerings, those most suited to the individual's needs

Students and parents are encouraged to read this catalog carefully. Each subject area department has provided information concerning departmental guidelines, course sequences, prerequisites, and specific course descriptions describing course content and level of difficulty. Courses may be offered at varying levels of including **Honors (H), Advanced Credit (AC), or Advanced Placement (AP)**. In considering course selection, please factor in student interest, career pathway, and post-secondary plans. Courses offered at various levels may provide your student with increased opportunities for BOTH college and career after high school. College credit may be earned in Advanced Credit, which is tuition based or through Advanced Placement, which is based on a qualifying test score on the AP Test for the respective class. Students should work with their counselors to ensure their Individual Career and Academic Plans are in place and account for the courses they need for college and career upon graduation.

It is important to note that some courses require Teacher Approval or Recommendation. The purpose of this step is to ensure students are set for success in the course, having met the prerequisites both in light of standards and skills. Teacher Approval or Recommendations may be appealed through the Academic Permissions Assistant Principal.



FERGUSON-FLORISSANT SCHOOL DISTRICT

Grading Scale and Letter Grade Equivalents

Letter Grade	Percent Range	Grade Point	Honors Grade Point
A	90-100	4	5
B	80-89	3	4
C	70-79	2	3
D	60-69	1	2
F	59 and Below	0	0

Honor Roll = GPA 3.333 and above for the current semester

End of Course Examinations (EOC) and ACT

The state of Missouri requires students complete an EOC for Math, English, Science, and Social Studies prior to graduation. EOCs comprise 10% off the student's final grade in that course. Additionally, the district may choose to administer the ACT to juniors, in which case it will be required for juniors to take the ACT; however, it will not count as part of the final grade in any course.

- **Algebra I EOC:** *Students enrolled in Algebra I*
- **Biology I EOC:** *Students enrolled in Biology, Biology Review, or Honors Biology.*
- **English II EOC:** *10th and 11th grade students*
- **Government EOC:** *Student enrolled in Government or Intro to American Politics*
- **ACT:** *Juniors*

Valedictorians and Salutatorians

Every senior who has a cumulative grade point average (GPA) of 4.4 or above at the end of their eighth semester is considered a valedictorian.

Every senior who has a grade point average (GPA) above 4.2 but below 4.4 at the end of their eighth semester is considered a salutatorian.

Advanced Credit, Advanced Placement, and Dual Enrollment

Juniors and Seniors may be eligible to receive college credit while in high school, if they meet the requirements to take a college credit course. FFSD students have three different ways to earn college credit: Advanced Credit, Advanced Placement, and Dual

	Where is the class held?	How does a student earn credit?	What are the requirements for students?	What is the cost to the student?
Advanced & Dual Credit	Our High School	Grade given by FFSD teacher	Cumulative 3.0 GPA (that is non-weighted) and must be a junior or senior	Around \$70 per credit hour – Classes are 3 to 5 hours of college credit
Advanced Placement (AP)	Our High School	Students must meet a score determined by the college or university they plan on attending.	Student must meet district requirements in the College and Career Planning Guide.	Test fee is around \$85 AP Tests are taken in May.
Dual Enrollment	Florissant Valley, UMSL, MO Baptist <i>(students must provide own transportation)</i>	Grade given by non-FFSD employee at off site location/then matched by the FFSD	Contact FVCC, UMSL, or MO Baptist	Around \$90 – \$245 per credit hour – Classes are 3 to 5 hours of college credit

All public universities in Missouri accept the three forms of credit in the chart. While most universities accept college credit earned in high school, some do not. We strongly encourage students and parents to contact the university they are thinking about attending and ask if they accept Advanced Credit, Advanced Placement, and/or Dual Enrollment earned while in high school.

Entry Requirements Sign-Up for College Credit in an Advanced Credit Course

The Missouri Board of Higher Education has the following requirements for students taking the course for college credit:

Grade	Requirements
Junior and Senior	3.0 unweighted GPA or 2.5 to 3.0 unweighted GPA with Parent and Principal signatures/recommendation
Sophomore	3.0 unweighted GPA with Parent and Principal signatures/recommendation
Freshman	3.0 unweighted GPA with Parent and Principal signatures/recommendation and a registered ACT or SAT score in the 90 th percentile

Note: Students/parents are responsible for the related-college credit costs

Possible Courses for Advanced & Dual Credit

Department	Courses
English Language Arts	(H) AP Literature/Composition, (H) Senior Humanities (MN only) College Speech & Debate, Public Speaking
Mathematics	(H) Pre-Calculus, (H) AP Calculus, (H) AP Statistics
Fine Arts	(H) Acting 3, (H) College Acting and Directing, (H) Music Theory, (H) AP Art Studio, (H) AP Art History, (H) Wind Ensemble, (H) Orchestra, (H) Show Choir/Chamber Singers
Career & Technical Ed.	(H) Business Technology, (H) Accounting II, (H) AP Business Economics, ProStart III, ProStart IV, (H) Introduction to Engineering Design, (H) Principles of Engineering, (H) Digital Electronics, (H) Civil Engineering and Architecture, (H) Computer Integrated Manufacturing
Social Studies	(H) World Studies, (H) U.S. History or (H) American Studies, (H) Senior Humanities, (H) Women's Studies, (H) College Criminal Justice, (H) Introduction to Politics, (H) AP European History, (H) College U.S. History, (H) Comparative Politics
World Language	(H) French III, IV, & V, (H) Spanish III, IV, & V
Physical Education	Advanced Weight Training (MC only)

GRADUATION REQUIREMENTS

The State Board of Education and the local Board of Education establishes graduation requirements. A student earns one-half credit for each hour of class time that meets five days a week for one eighteen- week semester. Since most students register for seven classes, students may earn up to three and one-half credits per semester or seven credits per year.

Minimum Credits Required for Promotion and Graduation

Grade Level	Credits Needed For Promotion	Credits Needed for Graduation
10	6	24
11	11	24
12	17	24

GRADUATION REQUIREMENTS

Graduation requirements for students shall meet or exceed state guidelines. The Board encourages all students to complete eight semesters of attendance in grades nine through twelve.

Exceptions

Graduation requirements for a student with a disability receiving special education services pursuant to the Individuals with Disabilities Education Act (IDEA) may be determined according to the student's Individualized Education Program (IEP).

Early Graduation

If all requirements are met, as student may choose to graduate one semester early. Additional information is available in the Guidance Office. They can have the option of participating in Graduation ceremonies upon payment of all fees. Students must fill out an "Intent to Graduate Early" form before the end of the fifth week of school.

Earning Credit

1. Students may earn credit through alternate district approved sources: i.e. Missouri Visual Instruction Program (MoVIP), on-line courses (District-approved), correspondence courses, and the District Night School program.
2. The Department of Elementary and Secondary Education's new graduation procedures permit high school students to earn course credit based on subject area mastery on a district approved summative assessment (Competency Based Credit). The district has set mastery at 90% or above for a letter grade to be earned in this manner. Accordingly, grades and course credits are academic indicators of mastery of competencies of a particular course. In such cases, a student and parent must request from a school counselor and complete the district Competency Based Credit Request Form. Students are expected to make such requests before taking a course and no later than two weeks from the start of the semester for the course. The counselor will notify administrator and department chair of the content area and assist with test arrangements. If credit is awarded, students must take the EOC as applicable. This will be arranged by the school counselor.

Graduation of Students with Disabilities

The Ferguson-Florissant School District provides a free, appropriate public education for students with disabilities until they are graduated with a regular diploma or attain the age of 21 years. Students with disabilities have the opportunity to earn credits toward graduation in a nondiscriminatory manner within the spirit and intent of the Individuals with Disabilities Education Act (IDEA). See Board Policy 2024 for specific details on the complete Ferguson-Florissant School District graduation policy.

High School Diploma Credit Requirements

Subject Area	Credits Needed	Additional Requirements
English Language Arts	4.0	Max. 1 credit Speech Communications
Mathematics	3.0	
Science	3.0	
Social Studies	3.0	Must pass State and Federal Constitution Tests 0.5 Government 1.0 American History or American Studies 1.0 World History or World Studies
Fine Arts	1.0	
Health	0.5	
Physical Education	1.5	Must include Fitness for Life
Career & Technical Ed.	1.5	Must include Personal Finance
Electives**	6.5	
Total	24	

**An elective is a course taken in addition to the minimum requirements in content areas. It helps fulfill the total credits required for graduation. It also enables a student to study in any area of personal choice. Electives should be used to meet a student's future needs. Example: College-bound students should choose elective courses that meet college entrance requirements. The University of Missouri requires two consecutive years of the same World Language. Interested Art or Music students can elect to intensify their studies in these fields. Elective courses can also prepare students to enter the job market of their choice.

Presidential Academic Fitness Award

This program, initiated by President Ronald Reagan in December of 1983, promotes academic achievement minimum criteria for this Academic Fitness Award is as follows:

1. Attain a cumulative GPA of at least 3.3 through the first semester of senior year.
2. Achieve a score in the 11th or 12th grade placing the student at or above the 80th percentile on any nationally standardized college admissions examination (SAT or ACT).
3. Completed by graduation at least 12 high school or high level course units in the "New Basics." The National Commission on Excellence in Education recommends that the "New Basic" include English, mathematics, science, social studies, world languages, and computer science.

College Preparatory Requirements

REQUIREMENTS & GUIDELINES

The Missouri State Board of Education allows local school districts to award the College Preparatory Studies Certificate (CPSC) to students who successfully complete a rigorous academic program in high school. The certificate is awarded in addition to the regular high school diploma granted by local school districts. Created by the Board in 1985, the certificate is designed to provide incentive and recognition for public and non-public high school students who exceed the state's minimum graduation requirements and meet the standards set by the State Board of Education for the CPSC

In 1994, the State Board of Education revised its requirements for the CPSC in order to align with the Core Curriculum standards recommended by the Coordinating Board for Higher Education as a basis for college admissions in Missouri. This flier outlines the revised criteria. These guidelines will be used in awarding certificates to qualified high school students, beginning in 1996. Awarding the College Preparatory Studies Certificate is voluntary on the part of school districts, and meeting the requirements is voluntary on the part of the students. While the certificate is primarily intended as an incentive for college-bound students, those who are not planning to enter college also may wish to work toward earning the award. School officials are encouraged to use the program to encourage ALL students to pursue excellence in their high school studies.

To be eligible for the certificate, a student must meet these requirements:

Subjects	Credits	
English Language Arts	4	
Mathematics	4	
Science	3	
Social Studies	3	
Personal Finance	.5	
Fine Arts	1	
Career & Technical Education	1	
Physical Education	1	1.5 credits are required for Ferguson-Florissant graduation
Health Education	.5	
Specified Core Electives	3	
General Electives	4.5	The additional .5 PE credit required by FFSD counts as general elective credit.
Total	25.5	

- ✓ Complete a rigorous high school program cooperatively planned by the school, the student and the student's parents.
- ✓ Earn at least a 3.0 grade point average (GPA), on a 4.0 scale, in the combined subject areas of English/language arts, mathematics, science and social studies. The school may calculate GPAs for its students at the end of the seventh or eighth semester of high school.
- ✓ Score above the prior year's national composite average on the American College Test (ACT) or on the Scholastic Aptitude Test (SAT). This criterion is revised annually to reflect the latest national averages from the ACT and SAT. *Check the current year's certificate order form for the required minimum scores.*
- ✓ Complete a strong academic program as specifically outlined below, in the subject areas of English/language arts, mathematics, science, social studies and specified core electives
- ✓ *No substitutions are authorized.*

ENGLISH LANGUAGE ARTS – At least four units, which include 9th grade Literature/Composition, American Multicultural Literature/Composition, British and World Literature/Composition, and 12th Grade Literature/Composition, or their honors equivalents. Additional ELA courses may be taken to supplement these core courses or to make up needed credits.

Examples of courses generally acceptable toward the four units: English or Language Arts I, II, III, and IV, literature courses, journalism (if writing intensive), speech and debate. "Applied Communications," developed by the Agency for Instructional technology (AIT), may be counted.

Examples of unacceptable courses: yearbook, school publications, acting, theatre, dramatics, business English, mass media and photography.

MATHEMATICS – At least four units, algebra and beyond, including Algebra II. Examples of courses generally acceptable toward the four units: Algebra I, Geometry, Algebra II, Applied Mathematics, Algebra III, Functions and Discrete Mathematics, AP Statistics, Pre-Calculus, and AP Calculus. “Applied Mathematics” courses, developed by the Center for Occupational Research and Development (CORD), may be counted only if the student successfully completes a standard Algebra II course. Algebra I taken in the seventh or eighth grade may be counted toward meeting the requirement. Honors Geometry will also count toward meeting the eighth grade requirement.

Examples of unacceptable courses: computer math, computer programming, consumer math, computer science, pre-algebra, basic math, general math, terminal math, business math and accounting.

SCIENCE – At least three units (not including general science) selected from biology, chemistry, or physics, one of which is a laboratory course.

Examples of unacceptable courses: life science, physical science, and Earth science if not taught at the high school level with high rigor.

SOCIAL STUDIES – At least three units, including American history and at least one semester of government.

Examples of courses generally acceptable toward the three units: world history, American history, government, civics, principles of democracy, economics, psychology, sociology, political science, geography, and core social studies skills.

Examples of unacceptable courses: regional history, family living, family relations, marriage and family, consumer education, and courses generally listed under “practical arts” or “human environmental science.”

FINE ARTS – At least one unit of fine arts courses in the visual arts, music, dance and theatre.

Examples of courses generally acceptable toward the one unit: Art I, II, III, and IV, sculpture, design, drawing, painting, theatre, oral interpretation, dance, dramatics, band and any other instrumental music, chorus, and any other vocal music courses, and art, music, or theatre appreciation courses.

Examples of unacceptable courses: speech, debate, radio and television, mass media, stagecraft, arts and crafts.

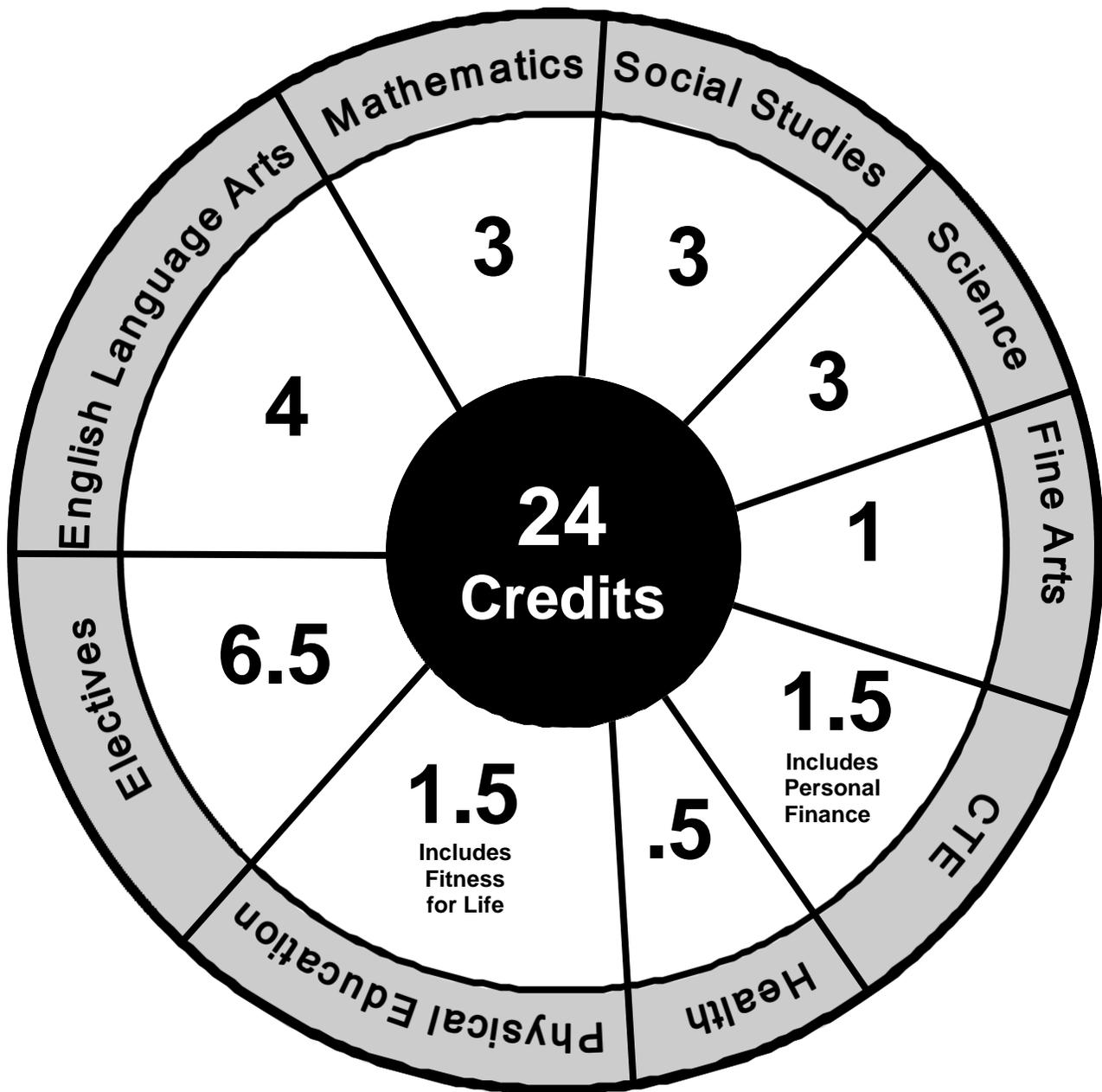
SPECIFIED CORE ELECTIVES – At least three units selected from World Language (two units of one World Language are strongly recommended) and/or combinations from two or more of the following course areas: English, mathematics, social studies, science, and fine arts. A computer science course with a prerequisite of at least Algebra I is permissible as a mathematics elective. State and/or international history courses are permissible as social studies electives.

GENERAL ELECTIVES – At least six units sufficient to meet state and local graduation requirements. The courses should be selected and planned by the school, the student, and the student’s parents to develop the student’s aptitude and skills. Advanced vocational-technical courses, which have been selected to support and strengthen the student’s college preparatory program or career choice, may be used to fulfill this general elective requirement.

- ✓ Dual-credit courses taken in high school for both high school and college credit may be counted toward satisfying the core curriculum requirements.
- ✓ Middle/junior high school courses taken by middle/junior high school students in math, science or World Language may be counted as satisfying the high school core curriculum requirement if the content is equivalent to high school courses (e.g., World Language I and Algebra I) and if subsequent courses in the subject are shown on the high school transcript (e.g., World Language II and Geometry or Algebra II).

For more information, contact the Senior Counselor

Graduation Requirements High School Diploma



Mathematics - Must all be Algebra I or higher.

Fine Arts - May come from one or more of the following departments: Visual Arts, Music or Theatre Arts.

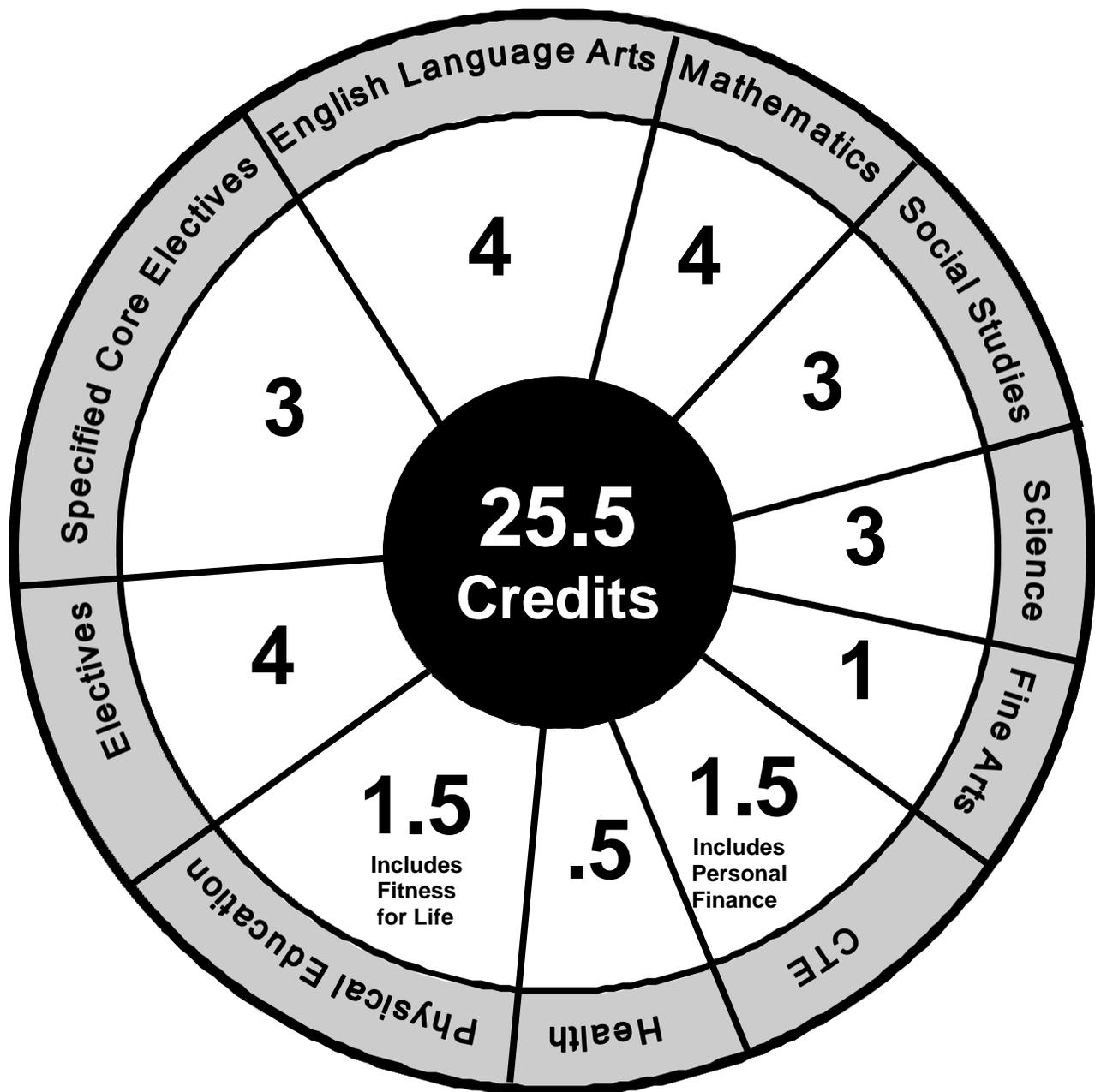
Career & Technical Education - Must include Personal Finance and additional 1.0 credit from one or more of the following departments: CTE - Business, CTE - Family & Consumer Science and/or CTE - Technology and Engineering and Biomedical Sciences

Health - This course is required for graduation.

Physical Education - Fitness for Life is a FFSD requirement for graduation.

Elective Courses - Any class taken above the minimum required for graduation will be considered elective class.

Graduation Requirements College Prep Certificate



Mathematics - Must all be Algebra I or higher.

Fine Arts - May come from one or more of the following departments: Visual Arts, Theatre Arts, or Music

Career & Technical Education - Must include Personal Finance and additional 1.0 credit from one or more of the following departments: CTE - Business, CTE - Family & Consumer Science and/or CTE - Technology and Engineering and Biomedical Sciences

Specified Core Electives - Must include two (2) years of the same World Language plus one (1) additional credit from a combination of the one (1) or more classes from the core areas of English Language Arts, Mathematics, Science and Social Studies.

Health - This course is required for graduation.

Physical Education - Fitness for Life is required for graduation.

HIGH SCHOOL COLLEGE CREDIT COURSES

Advanced Placement (AP) Courses

College Board Advanced Placement (AP) is a nationally recognized program. Students are given an opportunity to take college-level courses and exams while still in high school.

Students can earn advanced placement/college credit from most colleges and universities in Missouri and across the United States. Students' credit will be based on the results of a College Board summative examination.

Advanced Placement courses are seen as enhancements of student's confidence in his or her ability and readiness for academic challenges in college.

See AP Dual Credit Handbook for a complete AP course listing, expectations, and more AP information.

Project Lead the Way Courses

Project Lead the Way (PLTW) prepares students to be the most innovative and productive leaders in Science, Technology, Engineering, and Mathematics (STEM) and to make meaningful, pioneering contributions to our world. PLTW partners high schools to provide a rigorous, relevant STEM education. Through an engaging, hands-on curriculum, PLTW encourages the development of problem-solving skills, critical thinking, creative and innovative reasoning, and a love of learning.

Completion of the courses listed below can earn college credit from many colleges and universities including, Missouri S & T, St. Louis Community College at Florissant Valley, and many more. A freshman starting in PLTW classes could graduate with as many as 18 college credits to apply towards their degree at little or no cost.

Course Title	School
Introduction to Engineering Design	McN McC MSB
Principles of Engineering	McN McC MSB
Digital Electronics	McN McC MSB
Civil Engineering and Architecture	McN McC MSB
Computer Integrated Manufacturing	McN McC MSB
Engineering Design and Development	McN McC MSB
Principles of Biomedical Science	McN McC MSB
Computer Science Essentials	McN McC MSB

Students must pass a PLTW test with 70% or better to be eligible for college credit and honors credit. More information available @ www.pltw.org

Honors Courses

Honors programming consists of courses that offer increased academic challenge and extra grade point possibilities. The courses listed below may be taken for honors credit.

HONORS COURSES ARE INDICATED BY A (H) PRECEDING THE COURSE IN THE COURSE DESCRIPTION SECTION OF THE CATALOG.

Weighted grade point distribution is as follows:

Letter Grade	Percent Range	Grade Point	Honors Grade Point
A	90-100	4	5
B	80-89	3	4
C	70-79	2	3
D	60-69	1	2
F	59 and Below	0	0

Department	Honors Courses
Fine Arts - Visual Arts	(H) AP Art History, (H) AP Art Studio
CTE - Business	(H) Business Technology, (H) Accounting II, (H) AP Business Economics
English Language Arts	(H) British & World Literature, (H) American Literature (H) AP Literature/Composition, (H) American Studies (H) Senior Humanities
Fine Arts - Performing Arts, Theatre	(H) Acting 3, (H) College Acting and Directing, (H) Technical Theatre
World Language	All level III classes and above are (H) Honors Credit
CTE - Technology and Engineering	*(H) Introduction to Engineering, *(H) Principles of Engineering *(H) Digital Electronics, *(H) Civil Engineering and Architecture (H) Computer Integrated Manufacturing (H) Engineering Design and Development *Must pass the Project Lead the Way test Part C with a 70% or better to receive (H) Honors credit
Mathematics	(H) Geometry, (H) Algebra II/Trigonometry (H) Pre-Calculus, (H) AP Calculus, (H) AP Statistics
Fine Arts - Performing Arts, Music	(H) Orchestra, (H) Wind Ensemble, (H) AP Music Theory (H) Show Choir/Chamber Singers
Science	(H) Advanced Chemistry, (H) Physics, (H) Microbiology & Genetics (H) Human Anatomy and Physiology, (H) Biology (H) AP Environmental Science
Social Studies	(H) American History or (H) American Studies, (H) World Studies (H) Introduction to Politics, (H) College U.S. History (CUSH) (H) Women's Studies (H) Senior Seminar I, (H) Senior Seminar II (H) AP European History, (H) College Criminal Justice (H) Comparative Politics, (H) Senior Humanities

CAREER AND TECHNICAL EDUCATION

Tech Prep

Tech Prep is an agreement between Ferguson-Florissant School District's high schools and the St. Louis Community College system (all campuses) that allows students to earn both high school and college credits in certain courses for a particular unit of study. As a result, a high school graduate can enter St. Louis Community College with up to twelve hours of college credit. There is no charge for this program and the course credit is free. Students must remain in the same department and take the equivalent high school courses in sequence for tech prep credit to occur. College credit is received when students successfully complete the courses with a B or above.

Any student enrolled in a Tech Prep articulated course will register on CATEMA (Online Management System for Career and Technical Education) provided by St. Louis Community College. Each student will continue to update any additional Tech Prep articulated courses completed during his or her high school career on the CATEMA system.

The following high school courses are articulated with St. Louis Community College:

Tech Prep Articulated Courses	
Department	Course Title
CTE - Business	Accounting I, Business Technology, Computer Business Applications I and II, Web Design I and II
CTE - Technology and Engineering	Introduction to Engineering Design, Mechanical Design, Principles of Engineering, Engineering Design and Development, Computer Aided Drafting, Digital Electronics, Computer Integrated Manufacturing
CTE - Family and Consumer Science	Child Development I and II, Food Science, Nutrition and Wellness

Technical Education

North and South Technical High School

Applied Technology Programs Offer:

- ✓ Academics and hands-on technical skills for desired high tech careers.
- ✓ 25 exciting “real world” program options for sophomores, juniors and seniors.
- ✓ Exploration of career interests and abilities BEFORE college.
- ✓ Internships with our business and industry partners during their senior year.
- ✓ Earn state and nationally recognized licenses and certifications.
- ✓ Earn college credit while in high school.
- ✓ Develop “soft skills” required by employers through leadership, community service, and and National Technical Honor Society opportunities.
- ✓ AAA High School Diplomas.

Applied Technology Courses Are Taught at:

North Technical High School in Florissant
South Technical High School in Sunset Hills

Applied Technology Options:

- Current 10th—12th grade students.
- Students enrolled and in good standing at their local high school.
- Sophomores may enroll a one-year exploratory option.
- Juniors may enroll in a two-year program.
- Seniors may enroll in a one-year program in a specific field.
- Full-Day Program
 - Enroll in both academic and technical classes at North Technical HS.
 - Graduate from North Technical HS.
 - Select from a wide range of academic courses, including honors and dual enrollment classes.
- Half-Day Program
 - Enroll in academic classes at your local high school.
 - Enroll in technical classes at North or South Tech.
 - Credits are forwarded to your local high school for graduation.

How to Apply:

- A Tech School Program Offerings catalog and application is available at your high school guidance office.
- Applications are accepted during February through July for the upcoming school year.
- If openings exist, you may apply in November and early December for mid-year enrollment.

10th Grade Course Rotation

Precision Making

Welding

Fashion Design

**Graphic Design, CISCO Networking Academy,
Web & Computer Programming,
Intercontinental Hotel Group Academy**

Construction Innovations

Carpentry

Construction Trades

Electrical Trades

Heating Ventilation & Air Conditioning

Cosmetology

Culinary Arts

Early Childhood Education

Health Science

**Pre-Professional Health Sciences
Academy**

Veterinary Sciences

Firefighting

Emergency Medical Technician

Law Enforcement

Auto Body

Automotive Technology

Diesel Technology

Visit www.appliedtech-stl.com to register online and/or visit www.ssdmo.org/ssd_services/tech_ed.html for additional information about all career and technical programs.

PLANNING FOR COLLEGE



FERGUSON-FLORISSANT SCHOOL DISTRICT A+ Program

What is the A+ Schools Program?

The A+ Schools Program is a school-improvement initiative established by the Outstanding Schools Act of 1993. The program is raising academic standards, opening new doors to higher education. The key goal of the A+ Schools Program is to assure that all students, when they graduate, are well prepared to pursue advanced education, employment or both.

Goals of an A+ School

1. To ensure that all students graduate from high school.
2. To ensure that all students complete a selection of high school studies that is challenging and has identified learning expectations.
3. To ensure that all students proceed from high school graduation to a college, post-secondary vocational or technical school, or a high-wage job with work-place skill development opportunities.

Financial Incentives

All eligible graduates who continue an education at a Missouri public community college or career/technical school may be eligible for financial incentives for up to two years. Each student should enter into a written agreement with the school and must:

1. Attend a designated A+ School for three consecutive years immediately prior to graduation;

The following requirements must be met for a four-year span and by established deadlines:

2. Graduate from high school with a G.P.A. of 2.5 on a 4.0 scale;
3. Graduate with at least a 95% attendance average;
4. Perform 50 hours of unpaid tutoring and mentoring of other students. Up to 12.5 hours of job shadowing experiences can count towards this requirement.
5. Maintain a record of good citizenship and avoidance of the unlawful use and/or possession of drugs and/or alcohol, and/or related paraphernalia. This prohibition applies at all times, whether on or away from school property;
 - a. Violation of Level III Behavior, as defined by the Student Expectations Code, will result in immediate disqualification from the A+ Schools Program;
 - b. If a student pleads guilty or nolo contendere (no contest) to, receives a suspended execution of sentence form or has been convicted of a felony, he/she would immediately be disqualified from the A+ Schools Program;
 - c. The student accumulates eight (8) days of suspension over four (4) years;
 - d. The student accumulates ten (10) referrals that result in disciplinary action (excluding tardy and ID violations).
6. Score "Advanced" or "Proficient" on the Algebra I EOC.

In order to receive A+ funds from the state, the following must also be completed:

1. Make a documented, good faith effort to secure all available federal post-secondary student financial assistance funds that do not require repayment (file a FAFSA application);
2. Register with Selective Service (if required by law to do so).

The A+ program may provide these educational incentives: (1) provided state funds are appropriated by the legislature or (2) subject to state funding approval. Funding is not the responsibility of the Ferguson-Florissant School District.

See the A+ Coordinator for additional information.

Ferguson-Florissant College & Career Planning

Each student will complete an Individual Career & Academic Plan (ICAP). The ICAP will be reviewed annually with their counselor.

Individual Career and Academic Plan (ICAP)

Ferguson Florissant School District

Name: _____

Graduation Year: _____

	Grade	Requirements/Credits	Credits	1st Semester	2nd Semester	Review Each Semester
Secondary	9	8th Lit/Comp or Adv Lit/Comp	1			9th Grade Review Dates: _____ Student's Signature(s): _____ _____ Parents/Guardians' Signature(s): _____ _____ Counselor's Signature(s): _____ _____
		Social Studies	0.5			
		Alg I or higher	1			
		Science	1			
		Health	1/2			
		P.E.	1/2			
			Electives or Fine/Practical Art Requirements	2		
	10	English Language Arts	1			10th Grade Review Dates: _____ Student's Signature(s): _____ _____ Parents/Guardians' Signature(s): _____ _____ Counselor's Signature(s): _____ _____
		American History	1			
		Mathematics	1			
		Science	1			
		P.E. or Fine/Practical Art Requirement	1			
Electives		2				
11	English Language Arts	1			11th Grade Review Dates: _____ Student's Signature(s): _____ _____ Parents/Guardians' Signature(s): _____ _____ Counselor's Signature(s): _____ _____	
	World History	1				
	Mathematics	1				
	Science	1				
	Personal Finance	1/2				
	Electives	3 1/2				
12	English Language Arts	1			12th Grade Review Dates: _____ Student's Signature(s): _____ _____ Parents/Guardians' Signature(s): _____ _____ Counselor's Signature(s): _____ _____	
	Government	1/2				
	Social Studies Elective	1/2				
	Electives	5 1/2				

ICAP (cont.)

Learning Opportunities								
Postsecondary	Educational/Career Goals	Work Based	Extracurricular Activities	Co-curricular Activities	Assessments/Inventories/ Academic Results			
	Short-Term:		Apprenticeship : _____ Career Research : _____ Cooperative Education : _____ Employment : _____ Internship : _____ Mentorship : _____ Resume/Job Application/Mock Interview : _____ Service Learning Project : _____ Volunteer : _____	List with number of years involved and any positions held. Examples but not limited to: Athletics, Clubs, Leadership, Student Council.	List with number of years involved and any positions held. Example but not limited to: CTSO, Debate, Drama, Marching Band.	<input type="checkbox"/> MO Connections Interest Inventory <input type="checkbox"/> ACT: _____ <input type="checkbox"/> ASVAB: _____ <input type="checkbox"/> PSAT: _____ <input type="checkbox"/> SAT: _____ <input type="checkbox"/> ACT WorkKeys: _____ <input type="checkbox"/> Other: _____		
	Long-Term:					<input type="checkbox"/> Career Fair/Expo: <input type="checkbox"/> FAFSA Workshop/Filed: <input type="checkbox"/> Scholarship Exploration:		
Minimum Requirements	College Prep Coursework (AP/Dual Credit/IB)			Postsecondary Applications				
<input type="checkbox"/> Missouri Constitution Exam <input type="checkbox"/> U.S. Constitution Exam <input type="checkbox"/> American Civics Exam (class of 2021) English Language Arts – 4 credits Mathematics – 3 credits Social Studies – 3 credits Science – 3 credits Fine Art – 1 credit Career & Tech Ed – 1.0 credit Personal Finance - .5 credit Health & PE - 2 credits Electives- 6.5 credits Total of 24 credits + meet all graduation requirements College Prep requires 25.5 credits including 4 Math credits.	Class Name	Number of Hours	Transferable	Name of Institution	Prepared	Submitted (date)	Status	
			Total:					

Career Pathway & Career Clusters

Making decisions that affect the rest of your life is not always easy, but very important. Exploring various career paths will help you to make smart decisions about your future since you will find out about the world of work. Within the six career paths, there are sixteen clusters of occupations that require different levels of education and training. By exploring the different career paths you will see a connection between your schoolwork and the “real” world. These career paths and clusters will help prepare you for the future by identifying a career focus without being locked into a specific occupation.

Below is a map of the six career paths and the sixteen career clusters. On the next page, there is a brief explanation of each of the career paths. These career paths may help you to determine your areas of interests and to plan your studies that are in line with your interests, abilities, and career goals. *See Guidance for the Career Pathways Appendix or www.fergflor.org.

*A more exhaustive listing of potential careers can be found at www.careertech.org/Career-Clusters.

Career Path Clusters are color coded. Please look for the color identifying your Career Path when using the College and Career Planning Guide.

Career Path
Arts, A/V Technology & Communications



Career Clusters:

- Visual & Performing Arts
- A/V Technology & Film
- Telecommunications
- Journalism & Broadcasting
- Printing Technology

Career Path:
Business Management and Technology



Career Clusters:

- Business, Management & Administration
- Finance
- Information Technology
- Marketing

Career Path:
Industrial and Engineering Technology



Career Clusters:

- Architecture & Construction
- Manufacturing
- Science, Technology, Engineering & Mathematics
- Transportation Operations

Career Path:
Human Services



Career Clusters:

- Education & Training
- Government & Public Admin.
- Hospitality & Tourism
- Law, Public Safety & Security
- Human Services

Career Path:
Health Services



Career Clusters:

- Health Science
- Health Information
- Support Services
- Therapeutic Services

Career Path:
Natural Resources/Agriculture



Career Clusters:

- Agriculture & Food Resources
- Plant Systems
- Natural Resources and Environmental Systems

Career Pathways



Arts and Communications:

Occupations in this path are related to humanistic and performing, visual, literary and media arts. These include architecture, graphic, interior and fashion design, writing, film, fine arts, journalism, languages, media, advertising, and public relations.



Business, Management and Technology:

Occupations in this path are related to the business environment. These include entrepreneurship, sales, marketing, computer/information systems, finance, accounting, personnel, economics, and management.



Health Services:

Occupations in this path are related to the promotion of health and treatment of disease. These include research, prevention, treatment, and related health technologies.



Human Services:

Occupations in this path are related to education, political, and social systems. These include education, government, law and law enforcement, leisure and recreation, military, religion, childcare, social services, and personal services.



Industrial and Engineering Technology:

Occupations in this path are related to technologies necessary to design, develop, install and maintain physical systems. These include engineering, manufacturing, construction, service, and related technologies.



Natural Resources/Agriculture:

Occupations in this path are related to agriculture, the environment and natural resources. These include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.

Students have access to a web-based program (Missouri Connections) located at www.missouriconnections.org. Missouri Connections is an educational and career planning system that provides Missouri students with educational and career planning information and resources. The Missouri Connections website provides the Missouri Career Guide, Missouri's Hot Jobs List, Missouri Connections News Room, Occupational profile sheets, and Missouri Connections Video Room featuring Missouri Career Mentor interviews.

Other Options for Earning Credit

Any student wishing to earn additional credit, in particular, students who have fewer than 17 units of credit at the end of the junior year who wish to graduate with their class should consider enrolling in a summer school program, taking correspondence courses through the University of Missouri, or attending high school evening courses. See your counselor for information and applications.

Seniors may attend summer school at the end of their senior year; however, only those who have met all graduation requirements **prior** to the actual date of graduation may participate in the graduation ceremony.

Correspondence Courses

Students may earn up to two (2) credits by taking correspondence courses offered through the University of Missouri. These courses are taken by mail and involve various student-paid fees. See your counselor regarding this option. Taking more than (2) credits will require approval from a Guidance Counselor and Administrator.

COE Work/Study

Students may have up to two periods released and earn up to one credit per semester for work experience during school or non-school hours. Students must be taking either the COE Sales class or the COE Office class and be accepted into the COE Work/Study program. See the Business Department chairperson for information regarding this option.

Summer School

Courses will be open to those students who need to make up missed credits or whose program of study includes advanced courses that prevent them from taking required courses during the regular school year. Summer school is not for those students wishing to accelerate his or her graduation. There are opportunities both in and outside the district for students wishing to pursue those type of credits.

On-Line Courses

Students may enroll in on-line courses via the District-approved vendor. Various methods of enrolling in on-line courses exist at each high school. Space is limited in the on-line course program and interested students should contact their Guidance Counselor for further information.

Credit / No Credit

Seniors may choose to take one course each semester that is not required for graduation on a credit/no credit basis. One of two symbols will appear on the student's transcript and report card. "CR" will indicate a student has received credit for successfully completing the course. "NC" will indicate no credit for the course. Neither "CR" nor "NC" will affect a student's grade point average.

Students must apply for this option before the end of the fifth week of the semester. No more than one credit may be earned under this option. Students may apply for this option through their counselor. Signatures of the student, parent, counselor/advisor, teacher and principal are required.

Planning for Post-Secondary Success

1. Planning to attend college?

Since every college and university sets its own admissions requirements, it is important that a student contact the admission office of intended colleges regarding admission requirements to the institution and specific career program. This would include ACT and SAT requirements. There are sites you may visit for this information. This should occur as early as possible preferably by the junior year, but earlier if possible, so a student will assure he/she is taking the proper courses for entrance into the desired college/university and career program within that college or university.

While the following guidelines will be useful, it is extremely important that a student planning to attend college study the admission requirements of colleges beginning in the student's freshman year of high school. The Guidance Office can direct a student to current information about college admission requirements.

Highly competitive colleges and universities including the University of Missouri system generally require 4 years of English, 4 years of Mathematics (Algebra I and higher), 3 years of Science, 3 years of Social Studies, and 2 years of the same World Language.

Moderately competitive college and universities generally require 4 years of English, 3 years of Mathematics (Algebra I and higher), 2 years of Science, 3 years of Social Studies, and 2 years of the same World Language.

Relatively non-competitive colleges and universities generally require 4 years of English, 2 years of Mathematics (Algebra I and higher), 2 years of Science, 3 years of Social Studies, 2 years of the same World Language.

Students attending a St. Louis Community College campus must pass the Compass math and reading test to avoid taking remedial courses. However, the English and reading assessment may be waived if a student scores a 21 or higher composite score on the ACT (500 or higher SAT). The math assessment may be waived if a student scores a 23 or higher on the math test on the ACT (580 or higher SAT). Note: Certain programs require students to take and score at a certain level on the ACT for admission.

Colleges with “open entrance” admission requirements (generally two year colleges) require a high school diploma.

2. Planning on playing a sport in college?

Check out the information in the **NCAA eligibility section**! It is critical that you register early in the junior year and verify your course work in lieu of making potential adjustments, based on the college of your choice.

3. What is a FAFSA?

All college students are expected to contribute towards their education costs. How much you and your family will be expected to contribute depends on your financial situation—and is what's called your Expected Family Contribution (EFC).

The Free Application for Federal Student Aid (FAFSA) is the form the U.S. Department of Education (ED) requires to determine your Expected Family Contribution (EFC). The government conducts a “need analysis” based on financial information, such as income, assets, and other family information, which you (and your parents if you are a dependent student) will be asked to provide.

Your application is examined by a federal processor and the results are sent by computer to the financial aid offices of the colleges you've chosen.

The FAFSA is the application most colleges use to determine eligibility for federal, state, and college-sponsored financial aid, including grants, educational loans, and work-study programs.

4. Planning to attend a Technical School or College?

A student should take all district-required courses in English, Social Studies, Physical Education, Fine Art, Practical Art, Health, Math, and Science. Related courses in Technology and Engineering, Home Economics, and Business Technology can also be beneficial particularly if they relate to the area of intended study after high school. In most programs, acceptance to a technical school or college is competitive and students are admitted after their academic records are reviewed.

Interested students may apply during their freshman year for participation in the Exploratory Program during the sophomore year. This program is not required to attend the specified field programs. Program descriptions and applications are available in the guidance office.

5. Planning to enter the military?

A high school diploma is recommended. Placement in the area of choice in the military is completed through competitive testing. Basic skills in English, math and science are important, thus taking a course beyond the basic high school requirements would be beneficial. The military stresses education and the learning of specific skills for advancement; therefore, discipline and good study habits are important. The ASVAB test can provide High School students with an idea of their areas of strength.

6. Planning to enter the job market immediately?

English and mathematics skills are especially important when applying for and securing a job. They are also essential when one wishes to advance beyond an entry-level position. This means a student planning to enter the job market should take courses in English and mathematics beyond the basic high school requirements and supplement elective courses with classes that relate to the field of work he/she is planning to enter.

University of Missouri System Admission Requirements

The University of Missouri System requires for admission more academic high school credits in several academic areas than does the Ferguson Florissant comprehensive Diploma. Many four-year colleges follow these requirement guidelines. The Guidance Center has extensive college admission requirement information.

Subject Area	Ferguson-Florissant Graduation Requirements	University of Missouri Admission Requirements
English Language Arts	4	4
Mathematics	3	4
Science Minimum 1 Lab Class No General Science	3	3
Social Studies	3	3
World Language Must be in same language	None	2
Fine Arts	1	1

University of Missouri General Admissions

If your ACT composite score is 24 or higher, or the total of your SAT critical reading and math scores is 1090 or higher, and you have completed the required curriculum, then you meet the requirements for admission to University of Missouri.

If your ACT composite score is 17 to 23, or the total of your SAT critical reading and math scores is 800 to 1080, then you must meet the following high school class rank to be admitted to University of Missouri:

ACT Score	SAT Score (CR—M)	Core GPA	Minimum HS Class Rank
23	1050–1080	2.80	Top 52%
22	1020-1040	2.90	Top 46%
21	980-1010	3.05	Top 38%
20	940-970	3.20	Top 31%
19	900-930	3.35	Top 22%
18	860-890	3.50	Top 14%
17	820-850	3.65	Top 06%

Freshman Placement Tests

English placement is based on the ACT test score in English.

Math placement is based on the ACT test score in math.

Specific Programs

Diagnostic Medical Ultrasound—22 ACT

Education—Students are required to have an ACT composite score of 22 or higher before progression into Phase II (3rd year) of the program. (An SAT score of 1010 is also acceptable.)

Engineering—An ACT Math score of at least 24, and an ACT Composite of at least 24 or a high school class rank in the upper 25 percent.

Journalism—Scores 29 or higher on the ACT Composite.

Pre-Veterinary Medicine—These programs guarantee acceptance into the MU College of Veterinary Medicine, upon satisfactory completion of undergraduate requirements at the University of Missouri-Columbia: High school seniors and MU freshmen with an **ACT composite score of at least 30** or an equivalent SAT score are eligible to apply for the PVM Scholars Program. Required minimum ACT score is 27 for AgScholars.

A Comparison of Colleges & Universities

School Name	Prairie View A&M University	University of Missouri	University of North Carolina – Chapel Hill	University of Tennessee	Washington University
Location	Prairie View, TX	Columbia, MO	Chapel Hill, NC	Knoxville, TN	St. Louis, MO
Type	Public	Public	Public	Public	Private/Non-Profit
Campus Life	7,455 Undergraduates Enrolled Medium Sized Rural	25,898 Undergraduates Enrolled Large Suburban	18,523 Undergraduates Enrolled Large Suburban	22,139 Undergraduates Enrolled Large Urban	7,540 Undergraduates Enrolled Medium Sized Suburban
Admissions	<p>Less Selective – 85% of applicants admitted</p> <p>Requirements</p> <ul style="list-style-type: none"> • SAT Reasoning Test or ACT: Required <p>New SAT Scores</p> <ul style="list-style-type: none"> • Math: 420-510 • Evidence Based Reading & Writing: 410-510 • Reading Test: 20-26 <p>ACT Composite Scores</p> <ul style="list-style-type: none"> • 15-19 	<p>Somewhat Selective – 75% of applicants admitted</p> <p>Requirements</p> <ul style="list-style-type: none"> • SAT Reasoning Test: Consider If Submitted • ACT: Recommended SAT Reasoning Test or ACT: Required <p>New SAT Scores</p> <ul style="list-style-type: none"> • Math: 550-670 • Reading Test: 27-34 <p>ACT Composite Scores</p> <ul style="list-style-type: none"> • 23-29 	<p>Very Selective – 27% of applicants admitted</p> <p>Requirements</p> <ul style="list-style-type: none"> • Essay(s): Required • SAT Reasoning Test or ACT: Required • SAT Subject Tests: Consider If Submitted <p>New SAT Scores</p> <ul style="list-style-type: none"> • Math: 620-740 • Evidence Based Reading & Writing: 640-730 • Reading Test: 32-37 <p>ACT Composite Scores</p> <ul style="list-style-type: none"> • 27-32 	<p>Less Selective – 77% of applicants admitted</p> <p>Requirements</p> <ul style="list-style-type: none"> • Essay(s): Required • SAT Reasoning Test or ACT: Required • SAT Subject Tests: -- <p>New SAT Scores</p> <ul style="list-style-type: none"> • Math: 550-650 • Reading Test: 28-33 <p>ACT Composite Scores</p> <ul style="list-style-type: none"> • 24-30 	<p>Most Selective – 17% of applicants admitted</p> <p>Requirements</p> <ul style="list-style-type: none"> • Essay(s): Required • SAT Reasoning Test or ACT: Required • SAT Subject Tests: Consider If Submitted <p>New SAT Scores</p> <ul style="list-style-type: none"> • Math: 740-800 • Evidence Based Reading & Writing: 730-780 • Reading Test: 37-39 <p>ACT Composite Scores</p> <ul style="list-style-type: none"> • 32-34
Cost & Aid	\$9,959 – In-State tuition & fees \$23,488 - Out-of-state tuition & fees \$8,494 Room & Board	\$9,787 – In-State tuition & fees \$26,506 - Out-of-state tuition & fees \$10,676 Room & Board	\$9,005 – In-State tuition & fees \$34,588 - Out-of-state tuition & fees \$11,556 Room & Board	\$12,970 – In-State tuition & fees \$31,160 - Out-of-state tuition & fees \$10,696 Room & Board	\$51,533 – In-State tuition & fees \$51,533 Out-of-state tuition & fees \$16,006 Room & Board
6 Yr Grad Rate	67%	68%	91%	69%	94%

NCAA College Freshman Athletics Eligibility Guidelines

If you wish to participate in NCAA Division I or II athletics, you need to be certified by the NCAA Eligibility Center. You need to qualify academically and you will also need to be cleared as an amateur student-athlete.

Core Courses

- NCAA Divisions I and II require 16 core courses.
- For students enrolling on or after August 1, 2016, NCAA Division I will require 10 core courses to be completed prior to the seventh semester (seven of the 10 core courses must be a combination of English, math or natural or physical science that meet the distribution requirements on the next page). These 10 courses become “locked in” at the start of the seventh semester and cannot be retaken for grade improvement.

Test Scores

- Division I uses a Sliding Scale to match test scores and core GPA.
- Division II requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT sum score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.
- To view the Division I Sliding Scale, visit www.2point3.org.

When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

Grade-Point Average

- Only courses that appear on your high school’s List of NCAA Courses will be used in the calculation of your core GPA.

Division I

- A Sliding Scale is used to match test scores and core GPAs. The Sliding Scale can be found at www.2point3.org or on Page No. 10 of the Guide for the College- Bound Student-Athlete found at www.eligibilitycenter.org.
- For students enrolling on or after August 1, 2016, the Division I GPA required to be eligible for competition is 2.300.
- For students enrolling on or after August 1, 2016, the Division I GPA required to receive athletics aid and practice is 2.000-2.299.

Division II

- The Division II core GPA requirement is a minimum of 2.000.

For a Complete List of NCAA Courses

Visit www.eligibilitycenter.org and enter the site as an NCAA College-Bound Student-Athlete. Navigate to the “Resources tab, click “U.S. Students” and then “List of NCAA Courses.” Follow the prompts to search for your high school’s list by name.

**Division
I
(16 Core Courses)**

- 4 years of English.
- 3 years of mathematics
(Algebra I or higher,
excluding Applied Math).
- 2 years of natural/physical science
(1 year of lab if offered by high school).
- 1 Year of additional English,
mathematics or natural/physical
science.
- 2 Years of social science.
- 4 years of additional courses (from any
area above, foreign language or
comparative religion/philosophy)

**Division
II
(16 Core Courses)**

- 3 years of English.
- 2 years of mathematics
(Algebra I or higher,
excluding Applied Math).
- 2 years of natural/physical science
(1 year of lab if offered by high school).
- 3 Years of additional English,
mathematics or natural/physical
science.
- 2 years of social science.
- 4 years of additional courses (from any
area above, foreign language or
comparative religion/philosophy)

Checklist for College-Bound Student-Athletes

- ┌ Register at the beginning of your junior year
@ www.eligibilitycenter.org.
- ┌ Ask your high school counselor to send your
transcript to the NCAA Eligibility Center at
the end of your junior year.
- ┌ Take the ACT or SAT and use the code
“9999” to have your official scores sent
directly to the NCAA Eligibility Center.
- ┌ Check with your high school counselor to
make sure you are on track to graduate on
time with your class and are taking the
required amount of **NCAA-approved core
courses**. ***All FFSD courses may not be
NCAA-approved.***
- ┌ Request final amateurism certification of
your senior year, beginning April 1.
- ┌ Ask your high school counselor to submit
your final transcript with proof of graduation.

**The NCAA salutes
more than 450,000
student-athletes
participating in
23 sports
at more than 1,100
colleges/universities**



**Eligibility
Center**

P.O. Box 7136
Indianapolis, IN 46207-7136
317/223-0700
877/262-1492
www.eligibilitycenter.org
www.2point3.org

Follow @NCAA_EC

Some Common Questions & Answers

1. How will grades and credit be given?

Courses are in a semester or year format. Grades and credits will be recorded by semester on the permanent record. Each class successfully completed will yield one-half unit of credit per semester. Progress reports and quarter grades serve as an indicator of how a student is doing in a particular course. Semester finals will be given.

2. If a student fails Government, World History, American History, Fitness for Life, Health or Personal Finance must those classes be repeated?

Yes. A student needs $\frac{1}{2}$ credit of health, Fitness for Life, and personal finance to graduate. The State of Missouri requires all graduates to pass the following courses and test(s) as well: Government, one year course in US History, and a Missouri and Federal Constitution Test(s). World History is a year-long course required by the Ferguson-Florissant School District. Students must pass both first and second semesters of US History and World History in order to graduate.

3. Will a student be able to drop a class at the quarter for other credit options?

No.

4. Once I select a course, can I change my mind and get a schedule change?

Schedule adjustments are made only for a student who has:

1. failed a course and needs to retake it
2. has not completed a prerequisite
3. previously taken the course, or
4. is a senior and needs a different credit for graduation

5. May a student petition for a waiver on some of the College Preparatory Certificate requirements?

No, the State does not allow waivers or exceptions to the requirements.

6. How often can a student take “service type” courses like Office, Library, Department, AV, or Child Development Center Aides?

A student may take only one course per semester and may count only a total of one unit of “service credit” toward graduation. Any aide placement must be approved by the principal or assistant principal assigned to that student.

7. How many physical education courses can a student take in one semester?

One.

8. Does a student need to make up an “M” (medical excused) grade in a P.E. class?

Yes, it must be made up if the student has less than 1.5 P.E. credits.

9. What is required for athletic eligibility?

A student must be currently enrolled in and regularly attending six (6) classes and must have earned at least 3.0 units of credit the preceding semester. Summer school courses may count toward establishing eligibility. Correspondence courses can count if completed before the end of the semester in which credits are being earned for the next semester’s eligibility and if the course is approved for credit by district guidelines.

10. May a student take the second semester of a year course if the first semester was failed?

This depends upon the course. Specific information related to these requirements is listed in the course descriptions of this catalog.

11. How is the student’s grade point average (GPA) calculated?

The amount of credit for each course is multiplied by the value of the grade earned in that course (i.e., A=4.0, B=3.0, C=2.0, D=1.0, F=0.0; in Honors courses, A= 5.0; B= 4.0; C= 3.0; D=2.0; F=0.0). These products are then totaled and the sum is then divided by the total number of credits attempted to give the GPA.

12. May a student repeat a course he/she has previously failed? If a student repeats a course previously failed, can the new grade replace the F?

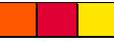
Yes—the student may retake the course and actually may be required to do so if it is a requirement for graduation. No, the new grade will not replace the “F”. Both grades will show on the student’s transcript.

13. How many credits earned through correspondence courses can be used to meet graduation requirements?

A student may earn two credits of acceptable correspondence course work. Prior approval of a principal or counselor is required for any correspondence coursework.



English Language Arts

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
0501	9 th Literature/Composition	9	All	All	1.0 ELA	None
0502	Advanced Literature & Comp.	9	All	All	1.0 ELA	B Average in English Language Arts
0534	Reading Strategies	9 10 11 12	All	All	0.5 ELA	None
0504	American Multicultural Literature/Composition	10	All	All	1.0 ELA	None
0505	Adv. Am. Multicultural Literature/Composition	10	McN McC	All	1.0 ELA	Grade of B or better in 0501
0506	(H) American & Multicultural Literature/Composition	10	McC MSB	All	1.0 ELA	Grade of A or better in 0501 or B or better in (H) Lit/Comp 0502
0561	(H) American Studies	10	McN	All	1.0 ELA	B or better in 0501 or C or better in (H) 0502
0507	British & World Literature/Composition	11	All	All	1.0 ELA	None
0509	(H) British & World Literature/Composition	11	All	All	1.0 ELA	B or better in 0505 or 0506
0510	12 th Grade Literature/Composition	12	All	All	1.0 ELA	None
0513	(H) AP Literature/Composition	12	All	All	1.0 ELA	Prospective students should demonstrate both interest and proficiency in the analysis of many works of literature through reading, writing and discussion.
0515	Technical Writing-Writing For the Real World	11 12	All	All	1.0 ELA	None
0570	(H) Senior Humanities	12	McN	All	1.0 ELA	None
0520	Applied Communications I	11 12	McC MSB	All	1.0 ELA	None, may be used for alternate credit for 0507 or 12th grade English credit
0521	Applied Communications II	12	McC MSB		1.0 ELA	None, may be used for alternate credit for 0510 or 12th grade English credit
0523	Public Speaking	10 11 12	All		0.5 ELA	None
0524	College Speech and Debate	11 12	All		0.5 ELA	None
0530	Creative Writing	11 12	All		0.5 ELA	Teacher Approval and Writing Sample
0531	Readings in Literature	11 12	McN McC		0.5 ELA	None

English Language Arts

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
0533	Detective Fiction	11 12	McN		0.5 ELA	None
0550	Introduction to Journalism	9 10 11	McN McC		1.0 Elective	None
0551	Advanced Journalism/ Newspaper	10 11 12	McN		1.0 Elective	Introduction to Journalism 0550 and Teacher Approval
0552	Advanced Journalism/ Yearbook	10 11 12	McN		1.0 Elective	Introduction to Journalism 0550 and Teacher Approval
0553	Yearbook/Newspaper	10 11 12	McC MSB		1.0 Elective	None
0554	Video Production	10 11 12	All		0.5 Elective	Teacher Approval
0555	Advanced Video Production	11 12	All		0.5 Elective	0554 and Teacher Approval
0556	Applied News Production	11 12	McN MSB		0.5 Elective	0554 and Teacher Approval
0557	Film Analysis & Composition	11 12	McN McC	All	0.5 Elective	None
0558	African American Literature	11 12	All	All	0.5 ELA	None
0590	Independent Study-English	11 12	All	All	0.5 ELA	Permission of Dept. Chair and Principal Approval

GENERAL INFORMATION

Students are offered a comprehensive program of study by the English Language Department. The goal of English study is to develop individuals who can express themselves thoughtfully and precisely, and who can analyze and interpret texts ranging from fiction to non-fiction. The Ferguson-Florissant School District requires four ELA credits to graduate from high school.

ELA COURSE REQUIREMENTS

In order to ensure students are prepared for any post-secondary experiences they may encounter, either in higher education or the workforce, they will need to earn four (4) credits in ELA. All high school students are required to enroll in the following ELA courses (or the course's advanced/honors equivalent):

- 0501 9th Grade Literature/Composition (honors equivalent 0502).
- 0504 American Multicultural Literature/Composition (honors equivalents 0505, 0506, 0561).
- 0507 British and World Literature/Composition (honors equivalent 0509).
- 0510 12th Grade Literature/Composition (honors equivalents 0513, 0570).
- *Additional ELA course offerings may be taken to supplement these core courses, or to make up a credit needed for graduation.*

Course Descriptions

Course No: 0501	LITERATURE and COMPOSITION		McN
Grade Level:	9		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 English Language Arts		
Prerequisite:	None		MSB

COURSE DESCRIPTION: Students will read a variety of short stories, novels, poetry, plays, and non-fiction. Students will learn and practice essential communication skills such as oral presentation, composition, library research, grammar usage and mechanics, study skills, and note taking. Students will study a variety of literary forms, genres and devices.

Course No: 0502	ADVANCED LITERATURE and COMPOSITION		McN
Grade Level:	9		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 English Language Arts		
Prerequisite:	B average in English Language Arts		MSB

COURSE DESCRIPTION: Students will read a variety of short stories, novels, poetry, plays, and non-fiction. Students will learn and practice essential communication skills such as oral presentation composition, library research, grammar usage and mechanics, study skills, and note taking. Student will study a variety of forms and devices. Writing and reading levels will be extended beyond what is required in 9th Grade Literature and Composition.

Course No: 0534	READING STRATEGIES		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Elective		
Prerequisite:	None		MSB

COURSE DESCRIPTION: In this course, developmental reading skills (skimming, scanning, vocabulary development, and comprehension), paragraph and short essay writing and study skills (outlining, note taking, answering thoughtful questions, grammar and usage) will be taught. A strong emphasis will be placed on applying skills to other content areas. Students will be selected for this course by English Language Arts teachers and school counselors based on the students' reading needs.

Course No: 0504	AMERICAN and MULTICULTURAL LIT/COMP.		McN
Grade Level:	10		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 English Language Arts		
Prerequisite:	None		MSB

COURSE DESCRIPTION: The study of American literature is fundamental in order for students to understand the cultural diversity upon which American society is based. In this course, students will read, analyze, and respond orally and in writing to a variety of American and multicultural literature selections and related works of non-fiction. Students will improve their vocabulary (including literary terms), continue the study of grammar usage and mechanics, and improve and practice their research skills. Through study, discussion, and thoughtful reflection, students will develop an awareness of the tangible link between themselves and American society.

Course No: 0505	ADVANCED AMERICAN and MULTICULTURAL LIT/COMP.	McN
Grade Level:	10	
Length:	Year	Career Pathways:  McC
Credit:	1.0 English Language Arts	
Prerequisite:	Grade of B or better in 0501	

COURSE DESCRIPTION: The study of American literature is fundamental in order for students to understand the cultural diversity upon which American society is based. In this course, students will read, analyze, and respond orally and in writing to a variety of American and multicultural literature selections and related works of non-fiction. Students will write a variety of essays using writing techniques such as comparison/contrast, persuasion, opinion, and literary analysis. Students will also conduct research and give an oral report and/or exhibition based on that research. Students will improve their vocabulary (including literary terms), continue the study of grammar usage and mechanics, and improve and practice their research skills. Through study, discussion, and thoughtful reflection, students will develop an awareness of the tangible link between themselves and American society.

Course No: 0506	(H) AMERICAN and MULTICULTURAL LIT/COMP.	
Grade Level:	10	
Length:	Year	Career Pathways:  McC
Credit:	1.0 English Language Arts	
Prerequisite:	A in 0501 or a B or better in 0502 Adv. Lit/Comp	MSB

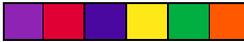
COURSE DESCRIPTION: The study of American literature is fundamental in order for students to understand the cultural diversity upon which American society is based. In this course, students will read, analyze, and respond orally and in writing to a variety of American and multicultural literature selections and related works of non-fiction. Students will write a variety of essays using writing techniques such as comparison/contrast, persuasion, opinion, and literary analysis. Students will also conduct research, write a research paper and give an oral report and/or exhibition based on that research. Students will improve their vocabulary (including literary terms), continue the study of grammar usage and mechanics, and improve and practice their research skills. Through study, discussion, and thoughtful reflection, students will develop an awareness of the tangible link between themselves and American society. Writing and reading levels will be extended beyond what is required in 10th grade Literature and Composition.

Course No: 0561	(H) AMERICAN STUDIES	McN
Grade Level:	10	
Length:	Year	Career Pathways:  McC
Credit:	1.0 English Language Arts	
Prerequisite:	Teacher Approval and Parental Consent	

COURSE DESCRIPTION: This course is an honors alternative to 0504, survey of American history, literature and culture. It offers American history and English credits. This course involves in-depth reading and analysis of literature and essay writing. It is strongly recommended that students have an A or B in English and Social Studies. Two hours per day.

Course No: 0507	BRITISH and WORLD LITERATURE COMPOSITION	McN
Grade Level:	11	
Length:	Year	Career Pathways: 
Credit:	1.0 English Language Arts	McC
Prerequisite:	None	MSB

COURSE DESCRIPTION: In this course, students will read, analyze, and respond orally and in writing to a variety of British and World literature as well as to related works of non-fiction. Students will improve their vocabulary (including literary terms), continue the study of grammar usage and mechanics, and improve and practice their research skills. Students will deepen their understanding of the development of the English language. Through study and reflection, students will become more aware of the tangible link between themselves and the world community.

Course No: 0509	(H) BRITISH and WORLD LITERATURE COMPOSITION	McN
Grade Level:	11	
Length:	Year	Career Pathways: 
Credit:	1.0 English Language Arts	McC
Prerequisite:	B or better in 0505 or 0506	MSB

COURSE DESCRIPTION: In this course, students will read, analyze, and respond orally and in writing to a variety of British and World literature with an emphasis on the classics. Students will write formal compositions, many of which will stress literary analysis. Students will write a research paper using the Modern Language Association (MLA) method of documentation. Students will improve their vocabulary (including literary terms), continue the study of grammar usage and mechanics, and improve and practice their research skills. Students will deepen their understanding of the development of the English language. Through study and reflection, students will become more aware of the tangible link between themselves and the world community. The basic content of this course is the same as British and World Literature Composition except that the reading selections are longer and more challenging. Students are also expected to do more “in-depth” and extensive tasks with stronger emphasis on literary analysis.

Course No: 0510	12th GRADE LITERATURE / COMPOSITION	McN
Grade Level:	12	
Length:	Year	Career Pathways: 
Credit:	1.0 English Language Arts	McC
Prerequisite:	None	MSB

COURSE DESCRIPTION: Students will read and respond to a wide variety of contemporary literature as well as to works of non-fiction. Students will write an extensive research paper, write professional documents (such as resumes, cover letters, and college applications), increase their vocabulary, study the etymology of words, and continue the study of grammar usage and mechanics. Students will learn how to use technology to access and utilize information. Students will work toward attaining college-level writing competency in this writing-intensive course.



Course No: 0521	APPLIED COMMUNICATIONS II								
Grade Level:	12								
Length:	Year								
Credit:	1.0 English Language Arts								
Prerequisite:	None - May be used for 0510 or Alternate for 12th Grade English Credit.								
									McC
									MSB

COURSE DESCRIPTION: This course is designed to strengthen students' skills in reading nonfiction and business/technical writing. Students will complete activities designed to sharpen workplace reading, business and technical writing, listening, speaking, producing and interpreting graphic information, and utilizing electronic communication. Students will work individually and in groups to solve job-related problems and to perform simulated on-the-job writing and speaking tasks. This course is not designed for students who need remedial work in reading and writing skills.

Course No: 0523	PUBLIC SPEAKING								
Grade Level:	10 11 12								McN
Length:	Semester								
Credit:	0.5 English Language Arts								
Prerequisite:	None								
									McC
									MSB

COURSE DESCRIPTION: Students in this course will learn ways to overcome speaking fears and stage fright. Students will deliver informative, demonstrative, persuasive, and impromptu speeches. Students will also learn the basics of oral interpretation and content speaking. Students will improve articulation, enunciation, and diction, and learn to effectively critique an oral presentation. Students may take this course for college credit. See page 7 for advanced credit entry requirements.

Course No: 0524	COLLEGE SPEECH AND DEBATE								
Grade Level:	11 12								McN
Length:	Semester								
Credit:	0.5 English Language Arts								
Prerequisite:	None								
									McC
									MSB

COURSE DESCRIPTION: Students in this course will learn advanced speech techniques including the eulogy, award speech, and basic debate skills. Students will learn advanced contest speaking methods including original oratory, extemporaneous speaking, and oral interpretation of prose, poetry, and drama. Students will improve articulation, enunciation and diction and learn to effectively critique and oral presentation. Students will learn to adapt literature for performance and basic readers' and chamber theatre techniques. Students may participate in competitive speaking through this course. Students may elect to take this course for up to 6 hours of college credit through UMSL or Missouri Baptist. See page 7 for advanced credit entry requirements.

Course No: 0530	CREATIVE WRITING								
Grade Level:	11 12								McN
Length:	Semester								
Credit:	0.5 English Language Arts								
Prerequisite:	Teacher Approval and Writing Sample								
									McC
									MSB

COURSE DESCRIPTION: This is a course in which students will learn to write in several modes: poetry, short story, and memoir. Form and style will be practiced. Students will receive instruction in writing description, dialogue, characterization, and in methods of creating suspense, foreshadowing, irony, etc.

Course No: 0531	READINGS IN LITERATURE		McN
Grade Level:	11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 English Language Arts		
Prerequisite:	None		

COURSE DESCRIPTION: In this course students will read short stories, plays, and books dealing with subjects interesting to teenagers. Selected readings are relevant to teen issues. Reading the assignments and doing classroom activities related to the readings are the major requirements of this course. The student will also have to respond in a variety of written forms to the literature presented.

Course No: 0533	DETECTIVE FICTION		McN
Grade Level:	11 12		
Length:	Semester	Career Pathways: 	
Credit:	0.5 Elective		
Prerequisite:	None		

COURSE DESCRIPTION: This course involves reading, discussing and writing about detective fiction. Students will solve a variety of logic puzzles. Emphasis here is on developing and practicing reasoning skills.

Course No: 0550	INTRODUCTION TO JOURNALISM		McN
Grade Level:	9 10 11		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Elective		
Prerequisite:	None		

COURSE DESCRIPTION: This course introduces students to the basic concepts and skills of journalism writing and publications work. Emphasis will be placed on identifying news and reporting and writing story types common to scholastic publications. Other topics and skills in this course include editing, headlines, design and press rights and responsibilities. This course is required for students aspiring to become part of the school newspaper or yearbook staff. Students signing up for this course should have a real interest in writing.

Course No: 0551	ADVANCED JOURNALISM/NEWSPAPER		McN
Grade Level:	10 11 12		
Length:	Year	Career Pathway: 	
Credit:	1.0 Elective		
Prerequisite:	0550 Introduction to Journalism and Teacher Approval		

COURSE DESCRIPTION: This course allows students to use of previously learned journalism skills through reporting, editing, designing and publishing the school newspaper. While most of the course relates to these tasks and communicating and working as a staff, students can also expect to complete other journalism-related assignments. Students are expected to spend time outside of class to report on, photograph for and write stories. They will also be held to meeting deadlines regarding the school newspaper. Students should have earned a B or higher in 0550 Introduction to Journalism or have the approval of the instructor. A writing sample may be required.

Course No: 0552	ADVANCED JOURNALISM/YEARBOOK		McN
Grade Level:	10 11 12		
Length:	Year	Career Pathway: 	
Credit:	1.0 Elective		
Prerequisite:	0550 Introduction to Journalism and Teacher Approval		

COURSE DESCRIPTION: Students in this course prepare the school's yearbook for publication. They learn how to do layouts for pages, conduct interviews, write copy, picture captions, and headlines, and work cooperatively with others to meet deadlines. Students will be expected to spend some time outside of class to cover stories and/or take pictures. A writing sample may be required.

Course No: 0553	YEARBOOK/NEWSPAPER		
Grade Level:	10 11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Elective		
Prerequisite:	None		MSB

COURSE DESCRIPTION: Students in this course will prepare the school's yearbook for publication. They learn how to do layouts for pages, conduct interviews, write headlines and copy, create picture captions, and headlines, and work cooperatively with others to meet deadlines. Students will interview others, edit, design and publish the school newspaper. Students will be expected to spend some time outside of class to cover stories and/or take pictures. McCluer students will work on Yearbook only.

Course No: 0554	VIDEO PRODUCTION		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Elective		
Prerequisite:	Teacher Approval		MSB

COURSE DESCRIPTION: This course brings together two tools—the English language and technology—to create video productions. The class challenges students to work through the creative process, including writing, rehearsing, technical production and evaluating a program's success with a specified audience. Students are admitted to the class only with the permission of the instructor and will be required to have recommendations from present instructors.

Course No: 0555	ADVANCED VIDEO PRODUCTION		McN
Grade Level:	11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Elective		
Prerequisite:	0554 and Teacher Approval		MSB

COURSE DESCRIPTION: This course allows students to further develop skills gained through 0554. Students complete a variety of productions related to the communication needs of the district staff as well as their own original productions. Students combine writing and the creative process to create scripts for on camera talent as well as voiceovers. Students will gain experience using industry standard digital video and nonlinear editing equipment. Students are admitted to the course only with the permission of the teacher and may be required to have recommendations from teachers.

Course No: 0556	APPLIED NEWS PRODUCTION		McN
Grade Level:	11 12		
Length:	Semester	Career Pathway:	
Credit:	0.5 Elective		
Prerequisite:	0554 and Teacher Approval		MSB

COURSE DESCRIPTION: This course provides students with the challenge and experience of producing a live daily news program. Students collect and edit news items, write scripts, then perform in front of the camera as well as filling a variety of technical roles behind the scenes. Students gain hands on experience using industry standard digital video and con-linear equipment. Students are admitted to the course only with the permission of instructor and may be required to have recommendations from teachers.

Course No: 0557	FILM ANALYSIS AND COMPOSITION		McN
Grade Level:	11 12		
Length:	Semester	Career Pathways:	 
Credit:	0.5 Elective		McC
Prerequisite:	None		

COURSE DESCRIPTION: In this course, students will view and analyze a wide selection of films from various directors and countries. Selections will emphasize films with significance in the arenas of film history, technique, genre, and/or theme. Students will study and discuss the structure, techniques, history, ideology, and personnel of film making, especially as these concepts apply to a director's overall themes in a film. Students will read and write extensively through reviews, critiques, and comparative analyses. Students will also undertake a research project about directors, genre, or film movements.

Course No: 0558	AFRICAN AMERICAN LITERATURE		McN
Grade Level:	11 12		
Length:	Semester	Career Pathways:	     
Credit:	0.5 English Language Arts		McC
Prerequisite:	None		MSB

COURSE DESCRIPTION: African American Literature will allow students to experience poetry, fiction, and nonfiction written by important African American authors. Students will continue to strengthen their reading, speaking, writing, and research skills as they focus on the influence these writers have on our society. This course will encompass the full spectrum of literature in terms of subject matter, depth, form, and sophistication of writing. Students may study the literary works of writers such as Langston Hughes, Toni Morrison, and W.E.B. DuBois.

Course No: 0590	INDEPENDENT STUDY - ENGLISH		McN
Grade Level:	11 12		
Length:	Semester	Career Pathways:	     
Credit:	0.5 English Language Arts		McC
Prerequisite:	Department Chair and Principal Approval		MSB

COURSE DESCRIPTION: This course is available as a special consideration ONLY to those students whose schedules disallow advanced or honors English courses because of Dual Enrollment or other special programs. Students must see the English Department Chair for approval.

Mathematics

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
1101	Algebra I	9 10 11 12	All	All	1.0 Math	NONE
1102	Applied Mathematics**	9 10 11 12	All	All	1.0 Math	At least one semester of 1120 Algebra II
1103	Algebra I Math Strategies	9 10 11 12	All	All	0.5 Elective	None
1110	Geometry	9 10 11 12	All	All	1.0 Math	1101 Algebra I
1112	(H) Geometry	9 10 11 12	All	All	1.0 Math	B or higher in 1101 Algebra I with Teacher Recommendation
1113	Geometry Math Strategies	9 10 11 12	All	All	0.5 Elective	Taken with 1110 Geometry
1120	Algebra II	9 10 11 12	All	All	1.0 Math	1110 Geometry or 1112 (H) Geometry
1121	(H) AP Calculus*	11 12	All		1.0 Math	B or higher in 1170 Pre-Calculus
1122	(H) Algebra II	9 10 11 12	All	All	1.0 Math	B or higher in 1110 Geometry or 1112 (H) Geometry
1130	Algebra III*	11 12	All	All	1.0 Math	1110 Geometry <u>OR</u> 1112 (H) Geometry <u>AND</u> 1120 Algebra II <u>OR</u> 1122 (H) Algebra II
1145	Functions and Discrete Math	11 12	All	All	1.0 Math	1110 Geometry <u>OR</u> 1112 (H) Geometry <u>AND</u> 1120 Algebra II <u>OR</u> 1122 (H) Algebra II
1170	(H) Pre-Calculus*	11 12	All	All	1.0 Math	1110 Geometry/1112 (H) Geometry <u>AND</u> 1120 Algebra II/1122 (H) Algebra II (B or higher in each)
1176	(H) AP Statistics*	11 12	All		1.0 Math	1110 Geometry/1112 (H) Geometry <u>AND</u> 1120 Algebra II/1122 (H) Algebra II

Note: *Advanced Credit at UMSL, Missouri Baptist University, or St. Louis Community College (see page 7 for advanced credit entry requirements).

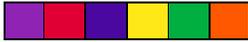
Note: **Applied Mathematics is not an approved math course for NCAA eligibility.

Important Information

In a sophisticated, technological society, all students need problem-solving skills as consumers of goods and services, taxpayers and money managers. The sequence and scope of the math curriculum each student takes is determined by ability, interest, career choice and post-secondary educational plans. The state of Missouri requires that all students take three years of mathematics.

Achievement in all math courses requires attending class regularly, completing homework, taking notes, asking questions and studying daily. If a student needs placement in a different course in the math sequence this may occur prior to second semester, but the student will continue in the math program if it is a required course (Algebra I, Geometry, Algebra II or Applied Math).

Course Descriptions

Course No: 1101	ALGEBRA I		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	
Credit:	1.0 Mathematics		McC
Prerequisite:	None		MSB

COURSE DESCRIPTION: This is the foundation course for all other studies of mathematics. The students will work with algebraic expressions and word problems, solve linear equations and inequalities; make graphs on a number line and in the Cartesian plane; work with square roots, and solve quadratic equation using the quadratic formula. A scientific calculator is needed for this course.

Course No: 1102	APPLIED MATHEMATICS**		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	
Credit:	1.0 Mathematics		McC
Prerequisite:	1 semester of 1120 Algebra 2		MSB

COURSE DESCRIPTION: This course is a transitional course between Geometry and Algebra II/Trigonometry. The course is based on an integrated presentation of topics in algebra, geometry, statistics, and problem solving. A scientific calculator, a compass, protractor, and ruler is needed for this course.
****Applied mathematics is not an approved math course for NCAA eligibility.**

Course No: 1110	GEOMETRY		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	
Credit:	1.0 Mathematics		McC
Prerequisite:	1101 Algebra I		MSB

COURSE DESCRIPTION: This course consists of the fundamental vocabulary, postulates, properties and theorems of two-dimensional figures and some three dimensional figures. Individual topics covered are points, lines, planes, angles, triangles, quadrilaterals, inequalities, coordinate geometry, area, volume, construction, similarity and parallel lines. Part of this course is the use of problem solving skills and critical thinking to perform deductive two column proofs. A scientific calculator, a compass, protractor, and ruler is needed for this course.

Course No: 1112	(H) GEOMETRY		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	
Credit:	1.0 Mathematics		McC
Prerequisite:	B or higher in 1101 Algebra I with Teacher Recommendation		MSB

COURSE DESCRIPTION: Honors Geometry provides a more in-depth study of Geometry for the highly motivated student. This accelerated course includes all the content of Geometry, with an additional emphasis placed on the use of logic and writing of formal proofs. All topics are covered in more depth; the more difficult applications are routinely assigned. A scientific calculator, a compass, protractor, and ruler is needed for this course.

Course No: 1120	ALGEBRA II		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Mathematics		
Prerequisite:	1110 Geometry or 1112 (H) Geometry		MSB

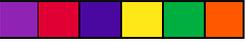
COURSE DESCRIPTION: This course consists of more advanced topics than those in Algebra I. Topics include real number axioms, absolute value, equations and inequalities, linear equations and inequalities, relations and function, conic sections, rational exponents, radicals, system of equations and related application problems. A TI-83/84 or TI-89 graphing calculator is needed for this course.

Course No: 1121	(H) AP CALCULUS		McN
Grade Level:	11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Mathematics		
Prerequisite:	B or higher in 1170 Pre-Calculus		MSB

COURSE DESCRIPTION: This is a first course in differential and integral calculus. Topics include derivatives and their application to maximum/minimum and related rate problems, integrals and their application to areas under a curve and volumes of solids of revolution. The content follows the syllabus for the Advanced Placement Exam for Calculus AB. A TI-83/84 or TI-89 graphing calculator is needed for this course. Advanced Credit is available through UMSL or Missouri Baptist University.

Course No: 1122	(H) Algebra II		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Mathematics		
Prerequisite:	B or higher in 1110 Geometry or 1112 (H) Geometry		MSB

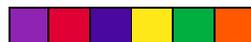
COURSE DESCRIPTION: This course is a study in intermediate algebra, trigonometry, and elementary analytical geometry at an accelerated rate and more in-depth than Algebra II/Trigonometry. Topics covered include: extensive study of Polynomial equations, factoring rules, rational expressions and equations, quadratic, linear, logarithmic and trigonometric functions; applying number systems; conic sections and systems of equations. A TI-83/84 or TI-89 graphing calculator is needed for this course.

Course No: 1130	ALGEBRA III		McN
Grade Level:	11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Mathematics		
Prerequisite:	1110 Geometry <u>OR</u> 1112 (H) Geometry <u>AND</u> 1120 Algebra II <u>OR</u> 1122 (H) Algebra II		MSB

COURSE DESCRIPTION: This course will combine algebra, geometry, number theory, probability, rational numbers, irrational numbers, real numbers and conic sections and apply these skills to the real world. It will prepare students for college placement tests that are used to determine where students are placed in math courses. There will be an emphasis on doing algebra without a calculator, since most placement tests do not allow them. This is a non-honors math course. College credit is available through St. Louis Community College. See page 7 for advanced credit entry requirements.

Course No: 1145	FUNCTIONS AND DISCRETE MATHEMATICS		McN
Grade Level:	11 12		
Length:	Year	Career Pathways: 	
Credit:	1.0 Mathematics		McC
Prerequisite:	C or higher in 1110 Geometry <u>OR</u> 1112 (H) Geometry <u>AND</u> 1120 Algebra II <u>OR</u> 1122 (H) Algebra II		MSB

COURSE DESCRIPTION: This course provides opportunities for students to reflect upon and analyze real-world applications from a mathematical perspective. The course content integrates statistical and algebraic concepts and previews calculus in work with functions, limits, and trigonometry. A TI-83/84 or TI-89 graphing calculator is needed for this course.

Course No: 1170	(H) PRE-CALCULUS		McN
Grade Level:	11 12		
Length:	Year	Career Pathways: 	
Credit:	1.0 Mathematics		McC
Prerequisite:	B or higher in 1110 Geometry <u>OR</u> 1112 (H) Geometry <u>AND</u> 1120 Algebra II <u>OR</u> 1122 (H) Algebra II		MSB

COURSE DESCRIPTION: Pre-Calculus is the study of the interrelationship between algebra and geometry. Topics covered include algebraic equations for figures in Cartesian and Polar planes, extended study of trigonometry, sequences and series, and limits. A TI-83/84 or TI-89 graphing calculator is needed for this course. Advanced credit is available through UMSL or Missouri Baptist University. See page 7 for advanced credit entry requirements.

Course No: 1176	(H) AP STATISTICS		McN
Grade Level:	11 12		
Length:	Year	Career Pathways: 	
Credit:	1.0 Mathematics		McC
Prerequisite:	1110 Geometry <u>OR</u> 1112 (H) Geometry <u>AND</u> 1120 Algebra II <u>OR</u> 1122 (H) Algebra II		MSB

COURSE DESCRIPTION: This course is an excellent option for any secondary school student who has successfully completed a second-year course in Algebra and who possesses sufficient mathematical maturity and quantitative reasoning ability. Students may wish to take AP Statistics concurrently with Pre-Calculus or Calculus. This course exposes students to four broad conceptual themes: exploring data, observing patterns and departures from patterns; planning a study, deciding what to measure and how to measure it; anticipating patterns in advance, introducing probability and simulation; and statistical inference, confirming models for explanations of patterns. A TI-83/84 or TI-89 graphing calculator is needed for this course. College credit is available through Missouri Baptist University. See page 7 for advanced credit entry requirements.

Course No: 1103	ALGEBRA I MATH STRATEGIES		McN
	1113 GEOMETRY MATH STRATEGIES		
Grade Level:	9 10 11 12		
Length:	Semester (Both)	Career Pathways: 	McC
Credit:	0.5 Elective Credit/No Credit		
Prerequisite:	None		MSB

COURSE DESCRIPTION: The curriculum provides interventions for skill deficiencies, reinforces concepts, and incorporates test-taking strategies to improve achievement on the End of Course Exam. Topics include: solution strategies involving straight-line equations on the coordinate system; exponents; signed numbers; facility with problems that refer to fractions, decimals and percents; data tables or graphs; and a wide range of word problems that involve rate, proportion, probability, and algebraic solutions. Materials needed are the same as the materials needed for the respective Algebra I or Geometry course.

Science

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
Courses are listed in sequential order by grade level						
1332	Physical Science	9 10	All	All	1.0 Science	None
1302	Chemistry	10 11 12	All	All	1.0 Science	1301 or 1304
1301	Biology	9 10	All	All	1.0 Science	None
1304	(H) Biology	9 10	All	All	1.0 Science	A or B in 8 th Grade Science Or A or B in Physical Science
1308	(H) AP Environmental Science	11 12	All		1.0 Science	1301 OR 1304
1346	Birds and Mammals	10 11 12	McC		0.5 Science	None
1348	Earth Science	10 11 12	All		0.5 Science	None
1364	Oceanography/ Meteorology	10 11 12	McN MSB		0.5 Science	None
1321	Botany	10 11 12	MSB		0.5 Science	None
1305	Field Biology	10 11 12	All	All	1.0 Science	2 credits of Science & Signed Recommendation Form

Science

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
1312	(H) AP Physics 1	11 12	All	All	1.0 Science	Geometry and Algebra II Recommended
1303	(H) Advanced Chemistry	11 12	All	All	1.0 Science	B or better in 1302
1350	(H) Anatomy and Physiology	11 12	All	All	1.0 Science	1302 and 1304
1352	(H) Micro Biology and Genetics	11 12	McN McC		0.5 Science	1302 and 1304
1370	Forensics I	11 12	All	All	0.5 Science	2 Science Credits
1371	Forensics II	11 12	All	All	0.5 Science	C in Chemistry and a C in Honors Biology OR B or better in Forensics I
1030	Principles of Biomedical Science	9 10 11 12	All	All	1.0 Elective	Concurrent enrollment in Biology strongly encouraged

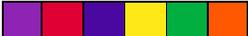
Course Descriptions

Course No:	1332	PHYSICAL SCIENCE	McN
Grade Level:	9 10 11		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Science		
Prerequisite:	None		MSB

COURSE DESCRIPTION: Using engineering design, scientific processes, tools of measurement and scientific models, students will investigate the principles and theories that govern the physics and chemistry of the universe. This will include the laws of motion, forces, mechanical systems, work energy, power, waves, sound and light, along with properties of matter, chemical reactions, and reaction types.

Course No: 1302	CHEMISTRY		McN
Grade Level:	10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Science		
Prerequisite:	Biology or Honors Biology		MSB

COURSE DESCRIPTION: This course is the study of composition of substances and their changes and interactions. This study will include the forces, cycles, and events that impact the chemical systems of our planet. The student will become competent in analyzing quantitative and qualitative relationships as applied to chemical change. Student will develop proficiency in a laboratory setting, working cooperatively in heterogeneous groups. Students will also gain an appreciation of the methods of science, the relevance of chemistry in daily life, and the impact of our decisions on the environment. **Since this course has a significant amount of math computations, a B or better (or administrative consent) in Algebra I is recommended.**

Course No: 1301	BIOLOGY		McN
Grade Level:	9 10		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Science		
Prerequisite:	None		MSB

COURSE DESCRIPTION: This course examines the study of structure of living things, with emphasis on the cell. The cell's environment, reproduction, DNA, and genetics are integral aspects of instruction. Biology also includes the interwoven relationships between living things and their environment. Through the study of ecology topics to be investigated are the diversity of life, changes and adaptations over time and the future consequences of man's impact on the environment. This curriculum will be formulated through the use of the scientific method, inquiry process and demonstration of laboratory skills.

Course No: 1304	(H) BIOLOGY		McN
Grade Level:	9 10		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Science		
Prerequisite:	A or B in 8 th Grade Science OR A or B in Physical Science		MSB

COURSE DESCRIPTION: This course includes an in-depth examination of the structure and function of living things, with emphasis on the cell and its parts. In addition, students will study the complex interrelationships between living things and the environment, and investigate additional topics in the area of bioethics, forensic science, and genome. Students in this honors level course will be expected to demonstrate competency in more advanced laboratory techniques, accommodate a more accelerated pace, and address topics in a more in-depth manner than required in Biology.

Course No: 1030	Principle of Biomedical Science		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Elective		
Prerequisite:	Concurrent enrollment in Biology is strongly encouraged		MSB

Principles of Biomedical Science (PBS) provides an introduction to biomedical science through exciting, hands-on projects and problem-solving experiences. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and other infectious diseases.

Course No: 1308	(H) AP Environmental Science		McN
Grade Level:	11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Science		
Prerequisite:	1330/1329, 1301/1304, and 1101		MSB

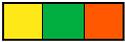
COURSE DESCRIPTION: Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet, there are several major unifying themes that cut across the many topics included in the study of environmental science. The following themes provide a foundation for the structure of the course: (1) Science is a process, (2) Energy conversions underlie all ecological processes, (3) The Earth itself is one interconnected system, (4) Humans alter natural systems, (5) Environmental problems have a cultural and social context, (6) Human survival depends on developing practices that will achieve sustainable systems. Students must complete a recommendation form that includes a signature from two previous Science teachers and Department Chair signature.

Course No: 1346	BIRDS AND MAMMALS		
Grade Level:	10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Science		
Prerequisite:	None		

COURSE DESCRIPTION: This course involves the study of vertebrate biology with an emphasis on birds and mammals. Student investigations include the identification and study of common, native Missouri birds and mammals. Students will be able to identify characteristics of birds and mammals as representatives of the larger group of vertebrate animals. Also included is the comparative study of embryology and development in birds and mammals (humans), along with bird and mammal adaptations. Students will be expected to participate actively in laboratory work and discussions.

Course No: 1348	EARTH SCIENCE		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Science		
Prerequisite:	None		MSB

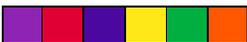
COURSE DESCRIPTION: This course is the study of the solid earth, including its composition and the processes that shape it. This course will introduce students to how erosional and depositional forces influence the shaping of the earth's surface. The course will also provide students with an understanding of the interrelationships among volcanoes, earthquakes and plate tectonics. The students will demonstrate proficiency in mineral and rock identification. Throughout the course, the responsible use of natural resources and management is emphasized.

Course No: 1364	OCEANOGRAPHY/METEOROLGY		McN
Grade Level:	11 12		
Length:	Semester	Career Pathways: 	
Credit:	0.5 Science		
Prerequisite:	None		MSB

COURSE DESCRIPTION: This course is the study of the structure and composition of the ocean and the atmosphere. The course will also explore the relationships, interactions, and effects of the processes that shape, control, and modify the ocean and the atmosphere. Students will study topics that include beach development, ocean waves, tides, ocean currents, as well as the factors that comprise the earth's weather. Students will develop weather forecasts based on information provided to them.

Course No: 1321	BOTANY		
Grade Level:	11 12		
Length:	Semester	Career Pathways: 	
Credit:	0.5 Science		
Prerequisite:	None		MSB

COURSE DESCRIPTION: This course will deal with an in-depth study of plants and their habitats which will include origin, development, structure, function and distribution. The course will include a project on any of the following: chlorophyll extraction, leaf collecting, plant grafting, making an aquarium, hydroponics, vegetable reproduction, plant capillary action, and observation. Also included will be projects on: osmosis, diffusion, pollination, growth study through using graphs, starch formation in plants, light and its effect on plants, observing root formation of corn and beans. Other projects will be designed by students.

Course No: 1305	FIELD BIOLOGY		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	1.0 Science		
Prerequisite:	1 Science Credits & Completed Recommendation Form		MSB

COURSE DESCRIPTION: Field biology is a one-semester science course in which students attend classes at Little Creek Nature Area. Field Biology requires students to spend most of the time outdoors in various types of weather conditions, and appropriate outdoor dress is required. Students will become skilled in the proper care and use of various types of field study equipment, and learn a variety of field study techniques and procedures used in investigating both land and aquatic environments. Proper conservation and land management practices will be included as an important part of course work, and students will participate in a variety of conservation improvement projects (erosion control, trail maintenance, habitat improvements, prairie restoration) at the Little Creek site. Students will work frequently on independent projects requiring both small and large group participation and may periodically assist in working with elementary children visiting and studying at the site.

Students must complete a recommendation form that includes a signature from two previous Science teachers and Department Chair signature.

FIELD BIOLOGY PERMISSION FORM

ALL STUDENTS REQUESTING FIELD BIOLOGY MUST READ AND AGREE TO THE FOLLOWING EIGHT REQUIREMENTS. THE APPROVAL OF THE STUDENT'S ADVISOR AND TWO PREVIOUS SCIENCE TEACHERS MUST ALSO BE OBTAINED. **ONLY STUDENTS RETURNING THE COMPLETED FORM WILL BE CONSIDERED FOR FIELD BIOLOGY.**

REQUIREMENTS FOR FIELD BIOLOGY:

1. A change of clothes is required. Students dress for the weather and legs should always be covered. Clothing is stored at Little Creek.
2. A two pocket folder for a nature journal is required. This stays at Little Creek and is graded two times each quarter.
3. Most days are spent outdoors (except for rain) in a variety of habitats, including field, forest and stream.
4. Attendance is very important. There is usually no time to make up a specific activity outside. It is not possible to pass the class with poor attendance.
5. Students must be able to work responsibly and sometimes independently or in small groups away from the teacher.
6. Students must attend class with an open mind towards the outdoors. Touching a snake for the first time can be an exciting adventure, as can be hiking in the creek and getting a little dirty.
7. Students "share" Little Creek with thousands of elementary students and therefore must always act like mature young adults.
8. Transportation is provided by bus to and from Little Creek and students are expected to be waiting for their ride to class. The bus driver is also responsible for picking up elementary students and cannot wait for anyone who is running late. Students are NOT allowed to drive to Little Creek.

I have read the eight requirements and agree to meet them.

Student signature: _____

Signatures of two previous science teachers regarding the student's school citizenship and ability to meet the course requirements:

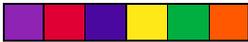
1. _____

2. _____

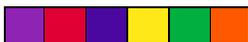
Signature of student's advisor verifying that the student has the required prerequisites of two full credits of science, including one full credit of Biology.

Advisor signature: _____ Science Dept. Chair Signature: _____

RETURN COMPLETED FORM TO SCIENCE DEPARTMENT CHAIR.

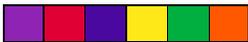
Course No: 1312	(H) AP PHYSICS 1		McN
Grade Level:	11 12		
Length:	Year	Career Pathways:	McC
Credit:	1.0 Science		
Prerequisite:	Geometry and Algebra II Recommended		MSB

COURSE DESCRIPTION: This course is the study of the relationship between energy and matter, and is explored through demonstrations, laboratory experiences, and quantitative analysis. Students will become scientifically literate citizens with an appreciation of the methods of science, the relevance of physics in daily life, and the impact of our decisions on the environment.

Course No: 1303	(H) ADVANCED CHEMISTRY 1		McN
Grade Level:	11 12		
Length:	Year	Career Pathways:	McC
Credit:	1.0 Science		
Prerequisite:	B or Better in 1302		MSB

COURSE DESCRIPTION: This course is the study of the fundamental laws and theories of chemistry. A variety of experiments that require complex, detailed calculations will be performed. Students will develop proficiency in laboratory techniques requiring considerable manipulative skill.

Note: Enrolled McCluer North students are eligible to register for five hours of college credit offered through the University of Missouri-St. Louis Advanced Credit Program. See page 7 for advanced credit entry requirements.

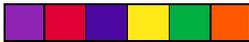
Course No: 1350	(H) ANATOMY AND PHYSIOLOGY		McN
Grade Level:	11 12		
Length:	Year	Career Pathways:	McC
Credit:	1.0 Science		
Prerequisite:	1302 and 1304		MSB

COURSE DESCRIPTION: The course will study the relationships of human anatomy with regard to cellular, tissue, organ and organ system levels of development in the human body. The student will be required to explain, through laboratory and classroom activities, the functions and levels of human organization. Students will develop proficiency in laboratory skills and in working with classmates in a cooperative group setting.

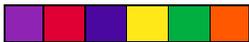


Course No: 1352 (H) MICROBIOLOGY AND GENETICS		McN
Grade Level: 11 12		
Length: Semester	Career Pathways: 	McC
Credit: 0.5 Science		
Prerequisite: 1302 and 1304		

COURSE DESCRIPTION: The course will study the structure, reproduction, physiology, and identification of microorganisms through classroom information and laboratory activities. Emphasis will be placed on laboratory work and interpreting results. The study of genetics will include DNA, protein synthesis, and setting up genetic problems and interpreting results.

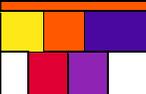
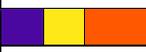
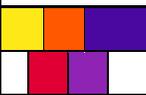
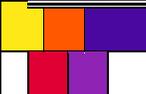
Course No: 1370 FORENSICS I		McN
Grade Level: 11 12		
Length: Semester	Career Pathways: 	McC
Credit: 0.5 Science		
Prerequisite: 2 Science Credits		MSB

COURSE DESCRIPTION: Forensics I is an introductory course to forensics topics. Students will be asked to read, research, hypothesize, interview, compute and use deductive reasoning to propose crime solutions. The class uses what is actually happening in the community, country and the world as its classroom and lab. As the student's improve on lab skills and procedures, they will exemplify what occurs in solving crimes. The course will make use of science inquiry process.

Course No: 1371 FORENSICS II		McN
Grade Level: 11 12		
Length: Semester	Career Pathways: 	McC
Credit: 0.5 Science		
Prerequisite: C in Chemistry and a C in Honors Biology OR B or better in Forensics I		MSB

COURSE DESCRIPTION: Forensic science is the application of science to the law and encompasses various scientific disciplines. Forensics II will introduce various methodologies and applications used in the forensic context. Topics discussed include organic and inorganic chemical analyses of physical evidence, principles of serology and DNA analysis, identification of fresh and decomposed human remains, ballistics, fingerprint analysis, drug analysis, and forensic entomology. This course is designed to provide students with the basic theoretical and philosophical understanding of the investigatory process as well as fundamental investigation techniques such as crime scene analysis, collection, preservation, and testing of evidence, modus operandi, use of technology, types of evidence, and the science of criminal justice. Analysis of problems encountered in interviewing, interrogating, evidence collection, and admissibility will be examined. Application of investigation theories to the administration of justice will also be developed.

Social Studies

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
1502	Geography/ Economics	9 10 11 12	All	All	0.5 Social Studies	None
1503	American History	10 11 12	All	All	1.0 Social Studies	None (Fulfills State of Missouri requirement for American History)
1561	(H) American Studies	10	McN	All	1.0 Social Studies	B or better in previous Social Studies Class or current teacher's signature (Fulfills State of Missouri requirement for American History)
1504	World History	11 12	All	All	1.0 Social Studies	None (Fulfills District requirement for World History)
1505	Government	12	All	All	0.5 Social Studies	None (Fulfills State of Missouri requirement for Government)
1507	Civic Action	11 12	All	All	0.5 Social Studies	Pass Government or ITAP and a passing grade on the Constitution test.
1520	(H) American History	10	McC MSB	All	1.0 Social Studies	B or better in previous Social Studies Class or current teacher's signature (Fulfills State of Missouri requirement for American History)
1530	Core Social Studies Skills (Core 3S)	9	All	All	0.5 Social Studies	None
1531	Adv. Core Social Studies Skills (Advanced Core)	9	All	All	0.5 Social Studies	B or better in previous Social Studies class or current teacher's signature
1545	Criminal Justice	10 11 12	All		0.5 Social Studies	None
1546	Sociology	11 12	McC MSB	All	0.5 Social Studies	None
1547	(H) AP European History	12	McN		1.0 Social Studies	B or better in previous Social Studies Class or current teacher's signature
1564	African-American Studies	11 12	All	All	0.5 Social Studies	None
1565	Psychology I	11 12	All	All	0.5 Social Studies	None
1566	Psychology II	11 12	All	All	0.5 Social Studies	None
1567	(H) Social Studies Seminar I	12	McN		0.5 Social Studies	B or better in previous Social Studies Class or current teacher's signature
1568	(H) Social Studies Seminar II	12	McN		0.5 Social Studies	B or better in previous Social Studies Class or current teacher's signature
1585	Current Events	9 10 11 12	All	All	0.5 Social Studies	None

Social Studies - College Credit Courses

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
1541* 1544*	(H) World Studies (H) AP World History	11	All	All	1.0 Social Studies	Be able to read a college level text and write grammatically correct complete sentences.
1542*	(H) Introduction to American Politics	12	All		0.5 Social Studies	B or better in previous Social Studies Class or current teacher's signature
1543*	(H) Comparative Politics	12	All	 	0.5 Social Studies	C or better in Government or Introduction to Politics (students must also meet UM-St. Louis requirements established to receive college credit)
1562*	(H) College U.S. History (CUSH)	12	McN McC	All	0.5 or 1.0 Social Studies	Consent of Instructor, GPA of 3.00 or greater (GPA not counting high school honors points—unweighted), Grade of B or better in current Social Studies Course (the GPA prerequisite is required to be eligible for college credit)
1587*	(H) Women's Studies	11 12	McN McC	    	0.5 Social Studies	B or better in previous Social Studies Course or current teacher's signature
1570*	(H) Senior Humanities	12	McN	All	1.0 Social Studies	B or better in previous Social Studies Course or current teacher's signature
1571*	(H) College Criminal Justice	11 12	McN McC	 	0.5 Social Studies	Must meet college requirements to take for college credit and teacher's signature

In order to earn University of Missouri Credit in Social Studies classes through the Advanced Credit program, students must meet certain criteria established by the Missouri Board of Higher Education.

*Indicates the course is available for college credit through the Advanced Credit program. Consent of Instructor and an unweighted grade of 3.0 is strongly recommended. The Missouri Board of Higher Education has the following requirements for students taking the course for college credit:

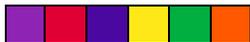
Grade	Requirements
Junior and Senior	3.0 unweighted GPA or 2.5 to 3.0 unweighted GPA with Parent and Principal signatures
Sophomore	3.0 unweighted GPA with Parent and Principal signatures
Freshman	3.0 unweighted GPA with Parent and Principal signatures and a registered ACT or SAT score in the 90 th percentile

All public universities in Missouri accept the college credit earned through the Advanced Credit program. While most universities accept college credit earned in high school, some do not. We strongly encourage students and parents to contact the university they are thinking about attending and ask if they accept Advanced Credit from the University of Missouri. The cost is around \$70 per credit hour or about \$210 total.

General Information

Section 170.011, RSMO requires all high schools to offer the **equivalent of one semester** of instruction on the institutions, branches and functions of the government of the State of Missouri, including local government, and of the government of the United States, and in the electoral process. All students must take and pass the course plus pass test(s) on both the United States and Missouri constitutions. The course must be clearly identified on students' transcripts. Students must take the Government course. The state requires one year of U.S. History for graduation.

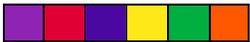
Course Descriptions

Course No: 1502	GEOGRAPHY / ECONOMICS		McN
Grade Level: 9 10 11 12			
Length: Semester		Career Pathways: 	McC
Credit: 0.5 Social Studies			
Prerequisite: None (Students may only earn .5 credit for this course all four years)			MSB

COURSE DESCRIPTION: Geography/Economics covers the five themes of geography and relates them to physical geography, cultural geography, and regional studies. The course also surveys major economic concepts such as opportunity cost, supply, and demand. Students will also learn how mixed market economics, like the U.S., work in simple and complex ways. If students previously earned credit for this course in 9th grade, they may not take the course again for additional credit.

Course No: 1503	AMERICAN HISTORY		McN
Grade Level: 10 11 12			
Length: Year		Career Pathways: 	McC
Credit: 1.0 Social Studies			
Prerequisite: None (Fulfills State Requirement for American History)			MSB

COURSE DESCRIPTION: American History is a required course that fulfills the State of Missouri requirement for High School graduates. The course covers the development of the United States from Reconstruction to the early 1980's. The growth of the nation as a world power and the push for Civil Rights are two main themes of the course. Another aspect of the course will focus on the social, political, economic, and technological changes that took place during the era.

Course No: 1504	WORLD HISTORY		McN
Grade Level: 11 12			
Length: Year		Career Pathways: 	McC
Credit: 1.0 Social Studies			
Prerequisite: None (Fulfills District Requirement for World History)			MSB

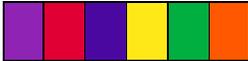
COURSE DESCRIPTION: World History is a general historic survey of the main ideas, themes, groups, and civilizations that have shaped people throughout recorded time. The first semester covers the dominant characteristics, contributions, and interactions of civilizations of Africa, the Americas, Asia, and Europe until the 18th century. The second semester will cover the same ideas and places but will cover the later part of modern times. Both Western and non-Western elements are covered in the course.

Course No: 1505	GOVERNMENT		McN
Grade Level: 12			
Length: Semester		Career Pathways: 	McC
Credit: 0.5 Social Studies			
Prerequisite: None (Fulfills State of Missouri Requirement for Government)			MSB

COURSE DESCRIPTION: The state of Missouri requires all students graduating from a public school to pass Government. The main focus of this course is the structure and functions of federal, state, and local governments in our nation. Students will study topics related to the rights, duties and responsibilities of U.S. citizens. Each student must pass both this course and the required test state and federal constitution test(s) in order to graduate.

Course No: 1507	CIVIC ACTION		McN
Grade Level: 11 12			
Length: Semester		Career Pathways: 	McC
Credit: 0.5 Social Studies			
Prerequisite: Pass Government or ITAP and a passing grade on the Constitution test.			MSB

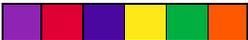
COURSE DESCRIPTION: This is a project based course emphasizing citizen participation in local government to create positive and lasting change. Students will select an issue related to school or community then work through the Constitutional Rights Foundation curriculum for the class. From this initial first issue, students will connect it to public policy, then take peaceful "civic actions" to try to impact their selected issue/problem.

Course No:	1520	(H) AMERICAN HISTORY	
Grade Level:	10		
Length:	Year	Career Pathways:	
Credit:	1.0 Social Studies		
Prerequisite:	B or better in previous SS Class or current teacher's signature. (Fulfills State of Missouri Requirement for American History)		McC MSB

COURSE DESCRIPTION: American History is a required course that fulfills the State of Missouri requirement for High School graduates. The course covers the development of the United States from Reconstruction to the early 1980's. The growth of the nation as a world power and the push for Civil Rights are two main themes of the course. Another aspect of the course will focus on the social, political, economic, and technological changes that took place during the era.

Course No:	1530	CORE SOCIAL STUDIES SKILLS (C 3S)	McN
Grade Level:	9		
Length:	Semester	Career Pathways:	
Credit:	0.5 Social Studies		McC
Prerequisite:	None		MSB

COURSE DESCRIPTION: Core Social Studies Skills is a one semester course for Freshmen that will emphasize Common Core thinking skills with the main content areas found within Social Studies: Government and History. The course will also add a post high school piece that will lead students to think about career, college, technical school, and other potential choices for the future. This class is the first high school Social Studies class that freshmen take and will set the foundation of skills found in future years.

Course No:	1531	ADVANCED CORE SOCIAL STUDIES SKILLS (Adv. Core)	McN
Grade Level:	9		
Length:	Semester	Career Pathways:	
Credit:	0.5 Social Studies		McC
Prerequisite:	B or better in previous Social Studies class or current teacher's signature		MSB

COURSE DESCRIPTION: Advanced Core Social Studies Skills is a one semester course for Freshmen that emphasize higher level reading, writing, and reasoning. Advanced Core will emphasize rigorous thinking skills through the main content areas found within Social Studies: Government and History. The course will also add a post high school piece that will lead students to think about career, college, technical school, and other potential choices for the future. This class is the first high school Social Studies class that freshmen take and will set good foundation of skills found in future years.

Course No:	1541 or 1544	(H) WORLD STUDIES OR (H) AP WORLD HISTORY	McN
Grade Level:	11		
Length:	Year	Career Pathways:	
Credit:	1.0 Social Studies - Fulfills District Requirement for World History		McC
Prerequisite:	Be able to read a college level text and write grammatically correct complete sentences.		MSB

COURSE DESCRIPTION: World History is a rigorous historic survey of the main ideas, themes, groups, and civilizations that have shaped people throughout recorded time. The course emphasizes thinking historically, thematically, and the use of primary sources. One goal of this course is to help you become "college ready" by challenging you to think deeper and more critically about the past. The first semester covers the dominant characteristics, contributions, and interactions of civilizations of Africa, the Americas, Asia, and Europe until the 18th century. The second semester will cover the same ideas and places but will cover the later part of modern times. Both Western and non-Western elements are covered in the course. College credit is available. See page 7 for advanced credit entry requirements.

Course No: 1542	(H) INTRODUCCION TO AMERICAN POLITICS			
Grade Level:	12			McN
Length:	Semester	Career Pathway:		
Credit:	0.5 Social Studies			McC
Prerequisite:	B or better in previous Social Studies Class or current teacher's signature. This course satisfies the state of Missouri's requirement for Government and the constitution test(s) will be given during the semester.			MSB

COURSE DESCRIPTION: ITAP is an in-depth, advanced study of political science, including constitutional law, government institutions, civil rights and political participation. A thorough study of domestic and foreign policy issues and political ideologies will be done. ITAP can be taken for college credit through the Advanced Credit program for students who qualify. See page 7 for advanced credit entry requirements.

Course No: 1543	(H) COMPARATIVE POLITICS			
Grade Level:	12			McN
Length:	Semester	Career Pathways:	 	
Credit:	0.5 Social Studies			McC
Prerequisite:	Students must have received a C or better in Government or Introduction to Politics in the first semester—Students must also meet the UM-St. Louis requirements established to receive college credit			MSB

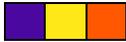
COURSE DESCRIPTION: An introduction to the study of western and non-western political systems, Comparative Politics is a course that will focus on the similarities and differences in basic political ideologies, structures, economies, and government processes of developed and developing countries. The class will examine the government structure and politics of countries in Africa, Asia, Latin America, Europe, and the United States. Students will be required to analyze, synthesize, and evaluate primary and secondary sources. Students must also demonstrate a point of view essay defense with factual rational ideas.

Course No: 1545	CRIMINAL JUSTICE			
Grade Level:	10 11 12			McN
Length:	Semester	Career Pathways:	    	
Credit:	0.5 Social Studies			McC
Prerequisite:	None			MSB

COURSE DESCRIPTION: Criminal Justice studies areas of crime and causation, law and law enforcement, courts and constitutional rights, and the corrections system. Students will evaluate their rights and responsibilities as a citizen, while studying the American system of justice.

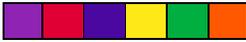
Course No: 1546	SOCIOLOGY			
Grade Level:	11 12			
Length:	Semester	Career Pathways:	     	
Credit:	0.5 Social Studies			McC
Prerequisite:	None			MSB

COURSE DESCRIPTION: Students will gain an understanding of the major social institutions and basic sociological concepts. Sociology classes will evaluate why societies act as they do, understand the make-up of societal groups and then assess their functions. Students will gain insight into their own relationship with groups as a result of this course.

Course No: 1547 (H) AP EUROPEAN HISTORY			McN
Grade Level: 12		Career Pathways: 	
Length: Year			
Credit: 1.0 Social Studies			
Prerequisite: B or better in previous Social Studies Class or current teacher's signature.			

COURSE DESCRIPTION: AP European History is a course designed for college bound juniors and seniors who desire a rigorous curriculum focusing on the major advancements, ideas, and events that shaped Europe from the Renaissance to the present. Another major theme of the course is how Europeans imposed their will on others through trade, politics, and technology in the last 500 years. Students will use primary sources, read extensively, and learn to write historically persuasive essays.

Students may take the AP test given in May. Students receiving a 3 or better on the test will qualify for 3 hours of Modern European History at a majority of colleges and universities.

Course No: 1561 (H) AMERICAN STUDIES			McN
Grade Level: 10		Career Pathways: 	
Length: Year			
Credit: 1.0 Social Studies			
Prerequisite: B or better in previous Social Studies Class or current teacher's signature.			

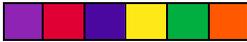
COURSE DESCRIPTION: Honors American Studies is an advanced course that covers our nation's literature and history. The intent of the course is to provide a greater understanding of our heritage by emphasizing points at which history and literature touch. The history component will cover the Reconstruction period until the early 1980's. This course is team-taught and meets for 2 periods per day. Students will receive both English and American History credit for successfully completing the course.

Course No: 1562 (H) COLLEGE U.S. HISTORY (CUSH)			McN
Grade Level: 12		Career Pathways: 	McC
Length: Semester or Year			
Credit: 0.5 or 1.0 Social Studies			
Prerequisite: Consent of Instructor, GPA of 3.00 or greater (GPA not counting high school honors points – unweighted), Grade of B or better in current Social Studies Course – The GPA prerequisite is required to be eligible for college credit			

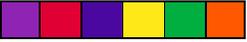
COURSE DESCRIPTION: CUSH is a rigorous and challenging course equivalent to two semesters of US History at universities. In the first semester, students will analyze the early history of North America through the American Civil War. Second semester is an extensive treatment from Reconstruction to modern times. Students will use primary sources, read extensively, and learn to write historically persuasive essays.

Course No: 1564 AFRICAN - AMERICAN STUDIES			McN
Grade Level: 11 12		Career Pathways: 	McC
Length: Semester			
Credit: 0.5 Social Studies			
Prerequisite: None - Missouri DESE will not allow this course to replace the American or U.S. History requirement.			MSB

COURSE DESCRIPTION: African - American Studies begins with some of the great African civilizations of the past and traces the African Americans cultural heritage to the present. The course examines the origins, growth, characteristics, and eventual elimination of slavery, the contributions made by African - Americans in every war Americans have fought, and the scientific, cultural, political, economic contributions made by African American men and women.

Course No: 1565	PSYCHOLOGY I			McN
Grade Level:	11 12	Career Pathways:		
Length:	Semester			McC
Credit:	0.5 Social Studies			
Prerequisite:	None			MSB

COURSE DESCRIPTION: Psychology is the study of “why we do what we do.” The main emphasis is on probing reasons for behavior. Some of the topics include personality, intelligence, and social psychology. The student will be involved in reading, discussing and analyzing human behavior. Psychology I and II **need not** be taken in order. However, some students and teachers believe that taking the courses in order will be better for learning the subject.

Course No: 1566	PSYCHOLOGY II			McN
Grade Level:	11 12	Career Pathways:		
Length:	Semester			McC
Credit:	0.5 Social Studies			
Prerequisite:	None			MSB

COURSE DESCRIPTION: This course will begin with an examination of mental health and how it is maintained. Concepts such as conflicts, frustrations, and defense mechanisms will be discussed. This will be followed by a comprehensive look at mental illness. Psychology I and II need not be taken in order. Psychology I and II **need not** be taken in order. However, some students and teachers believe that taking the courses in order will be better for learning the subject.

Course No: 1567 (H)	SOCIAL STUDIES SEMINAR I			McN
Grade Level:	12	Career Pathways:		
Length:	Semester			
Credit:	0.5 Social Studies			
Prerequisite:	B or better in previous Social Studies Class or current teacher’s signature.			

COURSE DESCRIPTION: First semester examines major philosophers and political theorists. Second semester focuses on the development of political ideologies. For most students, this course serves as an introduction to the study of ethics.

Course No: 1568 (H)	SOCIAL STUDIES SEMINAR II			McN
Grade Level:	12	Career Pathways:		
Length:	Semester			
Credit:	0.5 Social Studies			
Prerequisite:	B or better in previous Social Studies Class or current teacher’s signature.			

COURSE DESCRIPTION: For most students, this course serves as an introduction to the study of ethics. The final semester of the course focuses on contemporary issues using the Foreign Policy Association’s “Great Decisions.”

Course No: 1570	(H) SENIOR HUMANITIES								McN
Grade Level:	12								
Length:	Year								
Credit:	1.0 Social Studies								
Prerequisite:	B or better in previous Social Studies Course or current teacher's signature.								

COURSE DESCRIPTION: This is a two-hour, team-taught, multidisciplinary study of the literature, history, philosophy and arts of major world cultures. Students will learn to analyze and synthesize material in essays and projects.

Course No: 1571	(H) COLLEGE CRIMINAL JUSTICE								McN
Grade Level:	11 12								
Length:	Semester								
Credit:	0.5 Social Studies								McC
Prerequisite:	Teacher's signature and students must meet Lindenwood requirements for college credit enrollment (see page 7).								

COURSE DESCRIPTION: College Criminal Justice is designed to introduce the student to the Criminal Justice System. The student will explore crime and theoretical approaches to criminal behavior, law, and various components of law enforcement (i.e. policing, courts, and corrections). Students will also briefly explore related topics such as criminal justice systems of other countries, drugs, juveniles, terrorism, espionage, and social unrest, as time allows.

Course No: 1585	CURRENT EVENTS								McN
Grade Level:	9 10 11 12								
Length:	Semester								
Credit:	0.5 Social Studies (Students can earn up to 1.0 credit of Current Events while in grades 9-12).								McC
Prerequisite:	None								MSB

COURSE DESCRIPTION: Students will become aware of people, places and events going on in the U.S. and all over the world during the semester they are taking this course. Topics may include government, business, entertainment, psychology, education, geography, conflicts, economics, culture, technology, environment, etc. Students will discuss, debate, and write papers on these topics.

Course No: 1587	(H) WOMEN'S STUDIES (COLLEGE CREDIT)								McN
Grade Level:	11 12								
Length:	Semester								
Credit:	0.5 Social Studies								McC
Prerequisite:	B or better in previous Social Studies Course or current teacher's signature.								

COURSE DESCRIPTION: Course Description: Women's Studies deals with the social, political, religious, intellectual, and economic contributions of women now and in the past. A strong theme of the class will be women's roles and contributions in American History. The course, however, will not be limited to Women's History, but will also include other fields of Social Science including psychology and sociology. College credit is available. See page 7 for advanced credit entry requirements.

Career & Technology Education - Business

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
0303	Accounting I*	10 11 12	All		1.0 CTE	None
0304	Computer Business Apps. I*	9 10 11 12	All	All	0.5 CTE	None
0305	Computer Business Apps II*	9 10 11 12	All	All	0.5 CTE	0304 Computer Business Apps. I
0342	(H) Business Technology*	10 11 12	All		1.0 CTE	0304 Computer Business Apps. I
0343	(H) Accounting II*	11 12	MSB MN		1.0 CTE	0303 Accounting I
0347	Introduction to Business	9 10 11 12	All		0.5 CTE	None
0348	Business Law	11 12	All		0.5 CTE	None
0353	CO-OP VI	11 12	All		1.0 CTE	Students must be enrolled in Fundamentals of Marketing
0354	CO-OP VII	11 12	All		1.0 CTE	
0355	CO-OP VIII	11 12	All		1.0 CTE	
0356	CO-OP IX	11 12	All		1.0 CTE	
0357	Supervised Business Exp. – VI	11 12	McC McN		1.0 CTE	Enrolled in 0342 Business Tech or Accounting Courses
0358	Supervised Business Exp. – VII	11 12	McC McN		1.0 CTE	
0359	Supervised Business Exp. - VIII	11 12	McC McN		1.0 CTE	
0360	Supervised Business Exp. – IX	11 12	McC McN		1.0 CTE	
0361	Personal Finance**	10 11 12	All	All	0.5 CTE	None
0368	Fundamentals of Marketing	11 12	All		1.0 CTE	None
0369	Entrepreneurship/Business	10 11 12	McC		0.5 CTE	None
0371	Sports and Entertainment Marketing	11 12	All		0.5 CTE	None
0377	Desktop Publishing I	10 11 12	All		0.5 CTE	0304 Computer Business Apps. I
0378	Desktop Publishing II	10 11 12	All		0.5 CTE	0377 Desktop Publishing I
0379	Entrepreneurship/Marketing	10 11 12	All		0.5 CTE	None
0390	(H) AP Business Economics	11 12	All		1.0 CTE	2.5 GPA

Career & Technology - Business

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
0392	Web Design I	10 11 12	All		0.5 CTE	0304 Computer Business Apps. I
0393	Web Design II	10 11 12	All		0.5 CTE	0392 Web Design I
0394	Retailing	10 11 12	All		0.5 CTE	None

All students enrolled in Business and/or Marketing classes are encouraged to join the national student organization FBLA (Future Business Leaders of America) and/or DECA (Distributive Education Club of America). FBLA and DECA activities are included in the curriculum for the Business or Marketing courses. Additional preparation is required for students participating in special projects, competitions, and/or conferences.

*Tech Prep Course

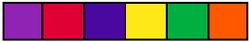
** REQUIRED FOR GRADUATION

***College Credit available through MO Baptist University

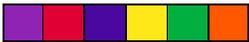
Course Descriptions

Course No: 0303	ACCOUNTING I					McN
Grade Level:	10 11 12					
Length:	Year			Career Pathways:		McC
Credit:	1.0 Career & Technical Education					
Prerequisite:	None					MSB

COURSE DESCRIPTION: Students will study and apply the skills needed to gather, maintain and interpret financial data. Manual and computer accounting records will be processed using journals and ledgers. Job simulation activities will result in the completion of practice sets and projects. Upon completing this course, student readiness for post-secondary study and/or employability should be enhanced.

Course No: 0304	COMPUTER BUSINESS APPLICATIONS I					McN
Grade Level:	9 10 11 12					
Length:	Semester			Career Pathways:		McC
Credit:	0.5 Career & Technical Education					
Prerequisite:	None					MSB

COURSE DESCRIPTION: This course is designed to develop accuracy and speed on the computer keyboard using the touch method. Computer concepts and terminology associated with business applications using Microsoft Office software will be introduced. Students learn to create, edit, and store various documents. Students practice numerous business applications covering the topics of operating systems, word processing, spreadsheets, and electronic presentations. This course covers the same competencies as Keyboarding.

Course No: 0305	COMPUTER BUSINESS APPLICATIONS II					McN
Grade Level:	9 10 11 12					
Length:	Semester			Career Pathways:		McC
Credit:	0.5 Career & Technical Education					
Prerequisite:	0304 Computer Business Applications I					MSB

COURSE DESCRIPTION: This course is designed to provide document processing skills for an entry-level job. Focus will be on the continuation of computer concepts and terminology associated with Microsoft Office. Students will produce various business documents developing advanced word processing, spreadsheet, database, graphics, and electronic presentation skills. This course covers the same competencies as Word Processing.

Course No: 0342	(H) BUSINESS TECHNOLOGY		McN
Grade Level:	10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Career & Technical Education		
Prerequisite:	0304 Computer Business Applications I		MSB

COURSE DESCRIPTION: The student will continue to refine the skills needed to succeed in today's businesses. Students will learn to master Windows operating system and the professional suite of Microsoft Office. They will use technique and speed building software to improve speed and accuracy on the keyboard. Students will explore office trends and learn career and job seeking skills. This course is to be taken with Supervised Business Experience. SBE is highly recommended to supplement the coursework.

Course No: 0343	(H) ACCOUNTING II		
Grade Level:	11 12		
Length:	Year	Career Pathways: 	MN
Credit:	1.0 Career & Technical Education		
Prerequisite:	0303 Accounting I		MSB

COURSE DESCRIPTION: The need for financial understanding in one's personal life makes accounting a practical course for all students. In addition, this accounting class is an excellent foundation for students seeking additional education in finance and/or business-related programs. Student will apply concepts and skills learned in Accounting I with more emphasis placed on interpretation of data and automated accounting. They will read and discuss problems, complete practice sets, check and correct reports and determine a company's efficiency. Upon completing this course, students' accounting background, for college-bound business students pursuing a degree in Accounting or Business and for future employment, will be enhanced. Students may take this business class to be eligible for the SBE work program. SBE is highly recommended to supplement the coursework.

Course No: 0347	INTRODUCTION TO BUSINESS		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		MSB

COURSE DESCRIPTION: Students are introduced to the role of business in the lives of individuals, consumers, workers, and citizens. Coverage includes small-business management, business fundamentals, career planning, social responsibility and ethics, basic economics, technology, financial operations, risk management, consumer decision-making, and insurance. Students will prepare and analyze data as it applies to products/services, budgets, taxes, and economic growth.

Course No: 0348	BUSINESS LAW		McN
Grade Level:	11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		MSB

COURSE DESCRIPTION: The content includes the basic characteristics of the American System of free enterprise. Some of the topics taught in the course include rights of private property, basic elements of contracts, landlords and tenants, wills and estates, marriage formalities and restrictions, divorce and its legal consequences, and criminal law.

Course No: 0353	CO - OP WORK EXPERIENCE - VI		
0354	CO - OP WORK EXPERIENCE - VII		McN
0355	CO - OP WORK EXPERIENCE - VIII		
0356	CO - OP WORK EXPERIENCE - IX	Career Pathway: 	McC
Grade Level:	11 12		
Length:	Year		MSB
Credit:	1.0 Career & Technical Education		
Prerequisite:	Enrolled in 0368 Fundamentals of Marketing		

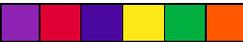
COURSE DESCRIPTION: Workplace Readiness provides students with the opportunity to develop skills needed to seek, obtain, and maintain employment. The work portion of the program, CO-OP, allows the student to use released time to work part-time in a marketing position. In addition, the program offers students an opportunity to learn effective communications methods and to develop and practice positive personal and employment traits. For credit, students must work 150 hours per semester per work component and pass the prerequisite course.

NOTE: STUDENTS MUST BE ENROLLED IN FUNDAMENTALS OF MARKETING CLASS TO BE ELIGIBLE FOR THE CO-OP CREDIT PROGRAM.

Course No: 0357	SUPERVISED BUSINESS EXPERIENCE - VI		
0358	SUPERVISED BUSINESS EXPERIENCE - VII		
0359	SUPERVISED BUSINESS EXPERIENCE - VIII		McN
0360	SUPERVISED BUSINESS EXPERIENCE - IX		
Grade Level:	11 12		
Length:	Year	Career Pathways:  	McC
Credit:	1.0 Career & Technical Education		
Prerequisite:	Enrolled in 0342 Business Technology or in 0303, 0306, or 0343 Accounting Courses		

COURSE DESCRIPTION: Workplace Readiness provides students with the opportunity to develop skills needed to seek, obtain, and maintain employment. Course content includes career exploration, income tax preparation, computational skills on calculators and microcomputers, word processing, skill development and records management. The work portion of the program, Supervised Business Experience (SBE), allows the student to use released time to work part-time in a business office. In addition, the program offers students an opportunity to learn effective communications methods and to develop and practice positive personal and employment traits. For credit, students must work 150 hours per semester per work component and pass the prerequisite course.

NOTE: STUDENTS MUST BE ENROLLED IN BUSINESS TECHNOLOGY OR ACCOUNTING COURSES TO BE ELIGIBLE FOR THE SUPERVISED BUSINESS EXPERIENCE.

Course No: 0361	PERSONAL FINANCE		McN
Grade Level:	10 11 12	Career Pathways: 	
Length:	Semester		McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None - This course is required for graduation		MSB

COURSE DESCRIPTION: Students are informed of their various financial responsibilities, and provides opportunities for self-awareness, expression, and satisfaction in a highly technical and competitive society. Students discover new ways to maximize their earning potential, develop strategies for managing their resources, explore skills for the wise use of credit, and gain insight into the different ways of managing money such as wages, savings, and investments. Budgeting and expense sources such as food, clothing, shelter, insurance, and taxes will be examined. Income tax forms will be completed. This course is required for graduation.

Course No: 0368	FUNDAMENTALS OF MARKETING		McN
Grade Level:	11 12	Career Pathway: 	
Length:	Year		McC
Credit:	1.0 Career & Technical Education		
Prerequisite:	None		MSB

COURSE DESCRIPTION: The course engages students in the study of marketing trends and skills, advertising and sales techniques, economic factors, professional development, and business/ management concepts. Course content includes addressing marketing from the perspective of how it is practiced and uses marketing functions such as promotion, selling and distribution. Students must take this marketing class to be eligible for the CO-OP work program. CO-OP is highly recommended to supplement the coursework.

Course No: 0369	ENTREPRENEURSHIP - BUSINESS		
Grade Level:	10 11 12	Career Pathways: 	
Length:	Semester		McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		

COURSE DESCRIPTION: This course is designed to introduce the student to the requirements of starting and operating a small business. The course focuses on how general business principles and knowledge, primarily management and marketing, pertain specifically to the small business and the entrepreneur. Students are given the opportunity to develop and analyze their management and marketing skills through realistic business start-up exercises and computerized simulations.

Course No: 0371	SPORTS AND ENTERTAINMENT MARKETING		McN
Grade Level:	11 12	Career Pathway: 	
Length:	Semester		McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		MSB

COURSE DESCRIPTION: An instructional program that focuses on marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, selling or renting of supplies and equipment (other than vehicles) used for recreational or sporting purposes, products and services related to hobbies or cultural events, or businesses primarily engaged in satisfying the desire to make productive or enjoyable use of leisure time.

Course No: 0377	DESKTOP PUBLISHING I		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	0304 Computer Business Applications I		MSB

COURSE DESCRIPTION: This course is designed to teach the elements of document design such as focus, balance, proportion, contrast, directional flow, consistency, and color. Students will learn to produce appealing layouts for advertisements, brochures, business stationery, flyers, newsletters, etc. Students will use a variety of graphic and desktop publishing software such as Microsoft Word, Microsoft Publisher, Adobe Photoshop, and Adobe InDesign.

Course No: 0378	DESKTOP PUBLISHING II		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	0377 Desktop Publishing I		MSB

COURSE DESCRIPTION: Students will refine skills and techniques introduced in Desktop Publishing I to create advertisements, brochures, and flyers using Adobe Photoshop, Adobe Illustrator, and InDesign software.

Course No: 0379	ENTREPRENEURSHIP - MARKETING		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathways:  	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		MSB

COURSE DESCRIPTION: This course is designed to introduce the student to the requirements of marketing a small business. The course focuses on how general business principles and knowledge of marketing, pertain specifically to the small business and the entrepreneur. Students are given the opportunity to develop and analyze their management and marketing skills through realistic business start-up exercises and computerized simulations.

Course No: 0390	(H) AP BUSINESS ECONOMICS		McN
Grade Level:	11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Career & Technical Education		
Prerequisite:	None		MSB

COURSE DESCRIPTION: AP Business Economics focuses on Micro and Macro Economics concepts in the free enterprise system. As the business environment continues to change, economic decisions, access to capital, consumer credit, and business credit will be directly affected. Students will understand how their roles as citizens, consumers, and customers influence the world of work and business. College credit is available through the University of Missouri-St. Louis. Students must meet requirements to take the course for college credit.

Course No: 0392	WEB DESIGN I		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	0304 Computer Business Applications I		MSB

COURSE DESCRIPTION: This course will provide the student with a solid knowledge base to design, build, manage, arrange and display content for the web. This course will cover the fundamental concepts of Web page design and creation, Web graphics and how the Internet and World Wide Web works. Students will create effective web pages using HTML and XHTML code, CSS (Cascading Style Sheets) and Adobe Dreamweaver utilizing a variety of web browsers.

Course No: 0393	WEB DESIGN II		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	0392 Web Design I		MSB

COURSE DESCRIPTION: This course will provide the student with additional knowledge in web page construction. Students will incorporate animation in web page design with the use of Flash and Fireworks software. Web page layout, navigation and interactivity will be supported with a comprehensive presentation of Adobe Dreamweaver.

Course No: 0394	RETAILING		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		MSB

COURSE DESCRIPTION: Retailing is a class that will prepare the student to operate businesses that sell, rent, or lease goods and services. Retailing will help students apply the various skills of personal selling such as retail selling, business to business selling, and trade selling in order to advance to more specialized training in marketing. This course will provide insight into the theory behind buying, storing, pricing, advertising, display selling, financing, and other activities necessary for successful business operations.



Fine Arts - Visual Arts

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
0201	Art Basics	9 10 11 12	All	All	0.5 Fine Art	None
0240	**Drawing I	9 10 11 12	All	All	0.5 Fine Art	Art Basics or Teacher Approval
0241	Drawing II	10 11 12	All	All	0.5 Fine Art	Drawing I or Teacher Approval
0242	**Ceramics I	9 10 11 12	All	All	0.5 Fine Art	Art Basics or Teacher Approval
0243	Ceramics II	10 11 12	All	All	0.5 Fine Art	Ceramics I or Teacher Approval
0245	**Graphic Design I	9 10 11 12	All	All	0.5 Fine Art	Art Basics or Teacher Approval
0246	Graphic Design II	10 11 12	All	All	0.5 Fine Art	Graphic Design I or Teacher Approval
0248	**Jewelry I	9 10 11 12	McN McC	All	0.5 Fine Art	Art Basics or Teacher Approval
0251	Painting I	10 11 12	All	All	0.5 Fine Art	Art Basics and Drawing I or Teacher Approval
0252	Painting II	10 11 12	McC	All	0.5 Fine Art	Painting I or Teacher Approval
0254	**Sculpture I	9 10 11 12	McC MSB	All	0.5 Fine Art	Art Basics or Teacher Approval
0255	Sculpture II	10 11 12	McC	All	0.5 Fine Art	Sculpture I or Teacher Approval
0257	**Air Brush I	9 10 11 12	McC	All	0.5 Fine Art	Art Basics or Teacher Approval
0258	Air Brush II	10 11 12	McC	All	0.5 Fine Art	Air Brush I or Teacher Approval
0260	*(H) Adv. Art Studio	10 11 12	McC MSB	■	0.5 Fine Art	Success in at least 3 Art Classes or Teacher Approval
0261	*(H) AP Art Studio	11 12	McN	■	0.5 Fine Art	Success in at least 3 Art Classes or Teacher Approval
0263	(H) AP Art History	11 12	McN McC	■	1.0 Fine Art	Success in at least 3 Art Classes or Teacher Approval

***0260 and 0261 may be taken in multiple semesters.**

****Second Semester only for Freshmen, any semester for 10, 11, or 12**

Course Descriptions

Course No: 0201	ART BASICS		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	None		MSB

COURSE DESCRIPTION: The elements and principles of design are experienced through two and three-dimensional projects in a variety of media, including art pencil, markers, pastels, tempera paint, and three-dimensional materials. Design vocabulary, color study, and art history are also explored. Students are expected to have Art Basics successfully completed when entering all other art classes.

Course No: 0240	DRAWING I		McN
Grade Level:	9 10 11 12 (2nd Semester only for Freshmen)		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	0201 Art Basics or Teacher Approval		MSB

COURSE DESCRIPTION: This class is for the student who wants to learn to draw from observation. Students will develop projects based on objects in the art room. Composition, proportion, perspective, and shading will be taught with these media: pencil, charcoal, markers, conte, and colored pencil. Good attendance is necessary for success in this studio course.

Course No: 0241	DRAWING II		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	0240 Drawing I or Teacher Approval		MSB

COURSE DESCRIPTION: Advanced drawing techniques are explored using different media. Students examine the works of others as well as critiquing their own works.

Course No: 0242	CERAMICS I		McN
Grade Level:	9 10 11 12 (2nd Semester only for Freshmen)		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	0201 Art Basics or Teacher Approval		MSB

COURSE DESCRIPTION: Basic clay techniques are presented, with students designing, constructing, and glazing pottery. Hand building techniques are emphasized. Students create a vase, bowl, box, and other projects along with an art history project. Art history is also part of the curriculum.

Course No: 0243	CERAMICS II		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	0242 Ceramics I or Teacher Approval		MSB

COURSE DESCRIPTION: Advanced clay techniques are explored. Construction methods include an introduction to the clay extruder and additional work on the potter's wheel. Students examine the work of other ceramic artists and explore influences for quality work.

Course No: 0245	GRAPHIC DESIGN I		McN
Grade Level:	9 10 11 12 (2nd Semester only for Freshmen)		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	0201 Art Basics or Teacher Approval		MSB

COURSE DESCRIPTION: Students will be introduced to basic graphic skills of lettering, illustration, and design layout. Board work and computers will be used in solving graphic problems. A background in drawing is desirable.

Course No: 0246	GRAPHIC DESIGN II		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	0245 Graphic Design or Teacher Approval		MSB

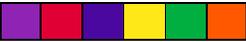
COURSE DESCRIPTION: Students will learn graphic design skills to create a multimedia presentation. The graphic computer or the video camera will be used to complete projects. A background in drawing is desirable.

Course No: 0248	JEWELRY I		McN
Grade Level:	9 10 11 12 (2nd Semester only for Freshmen)		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	0201 Art Basics or Teacher Approval		

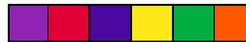
COURSE DESCRIPTION: The student is introduced to the basic skills of jewelry making including sawing, filing, soldering and casting. Students must pass safety test to use equipment.

Course No: 0251	PAINTING I		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	0201 Art Basics and 0240 Drawing I or Teacher Approval		MSB

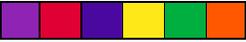
COURSE DESCRIPTION: The course begins with a review of color theory and the elements and principles of design. Painting projects will be created in water-based media such as watercolor and acrylic paint. Painting subjects include still life, portraits, landscapes and abstracts. Painting supplies are provided for class use.

Course No: 0252 **PAINTING II**
Grade Level: 10 11 12
Length: Semester Career Pathways:  **McC**
Credit: 0.5 Fine Art
Prerequisite: 0252 Painting I or Teacher Approval

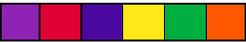
COURSE DESCRIPTION: Students apply advanced techniques of painting while creating self-portraits, abstracts, still lifes, landscapes and nature studies. An in-depth study of color theory is included.

Course No: 0254 **SCULPTURE I**
Grade Level: 9 10 11 12 (2nd Semester only for Freshmen)
Length: Semester Career Pathways:  **McC**
Credit: 0.5 Fine Art
Prerequisite: 0201 Art Basics or Teacher Approval **MSB**

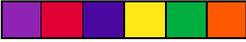
COURSE DESCRIPTION: In this exploration of three-dimensional art, students create projects using clay, plaster and wood. Sculpting techniques including casting, fabrication, and additive/subtractive methods are studied.

Course No: 0255 **SCULPTURE II**
Grade Level: 10 11 12
Length: Semester Career Pathways:  **McC**
Credit: 0.5 Fine Art
Prerequisite: 0252 Sculpture I or Teacher Approval

COURSE DESCRIPTION: Students learn advanced techniques in three-dimensional design using wood, clay, and plaster. Student sculpt human, animal and abstract forms working with the teacher to set goals.

Course No: 0257 **AIR BRUSH I**
Grade Level: 9 10 11 12 (2nd Semester only for Freshmen)
Length: Semester Career Pathways:  **McC**
Credit: 0.5 Fine Art
Prerequisite: 0201 Art Basics or Teacher Approval

COURSE DESCRIPTION: Students learn and apply basic illustration techniques using the airbrush and a variety of supplemental media. Airbrush instruction includes basic operation of airbrush and compressors, airbrush maintenance, and painting basics. Painting skills focus on the use of color, value, composition, strategies and creating the illusion of depth. Students are expected to have some drawing ability.

Course No: 0258 **AIR BRUSH II**
Grade Level: 10 11 12
Length: Semester Career Pathways:  **McC**
Credit: 0.5 Fine Art
Prerequisite: 0257 Air Brush I or Teacher Approval

COURSE DESCRIPTION: Students learn and apply techniques to advanced painting projects. Projects include more in-depth study of composition strategies, textural work, and art history.

Course No: 0260	(H) ADVANCED ART STUDIO		
Grade Level:	10 11 12		
Length:	Semester	Career Pathway:	 McC
Credit:	0.5 Fine Art		
Prerequisite:	Success in at least 3 art classes or Teacher Approval		MSB

COURSE DESCRIPTION: Advanced art students will develop a portfolio of work and explore careers in the visual arts. Students should have a strong interest in art and be willing to devote time outside of class to his or her work each week. Students will work on class assignment, as well as individualized projects in any studio. Students must be motivated to work, able to work independently, and able to stay on-task. This course may be taken more than one semester.

Course No: 0261	(H) AP ART STUDIO		McN
Grade Level:	11 12		
Length:	Semester	Career Pathway:	
Credit:	0.5 Fine Art		
Prerequisite:	Success in at least 3 art classes or Teacher Approval		

COURSE DESCRIPTION: Advanced Placement (AP) art students will develop a portfolio of work and explore careers in the visual arts. Students should have a strong interest in art and be willing to devote time outside of class to his or her work each week. Students will work on class assignments as well as individual projects in any studio. Students in AP Art Studio will create work that meets the Advanced Placement portfolio requirements. This course may be taken more than one semester.

Course No: 0263	(H) AP ART HISTORY		McN
Grade Level:	11 12		
Length:	Year	Career Pathway:	 McC
Credit:	1.0 Fine Art		
Prerequisite:	Success in at least 3 art classes or Teacher Approval		

COURSE DESCRIPTION: Advanced Placement Art History provides an understanding and appreciation of architecture, sculpture, painting and other visual art forms within historical and cultural contexts. It covers material similar to that covered in a college introductory art history course. Students will learn to look at works of art critically and to analyze what they see. This course may be taken for 3 hours of college credit through UMSL. See page 7 for college credit entry requirements.

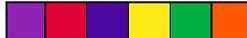
Fine Arts - Performing Arts, Music

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
1201	Basic Instrumental Music	9 10 11 12	All	All	0.5 Fine Art	None
1202	Symphonic Band	9 10 11 12	All	All	1.0 Fine Art	Audition/Teacher Approval
1203	Concert Band	9 10 11 12	All	All	1.0 Fine Art	Audition/Teacher Approval
1204	Marching Band	9 10 11 12	All	All	0.25 Fine Art CR/NC	Band Instrument Experience, Audition/Teacher Approval
1205	Jazz Band	9 10 11 12	All		1.0 Fine Art	Audition/Teacher Approval
1206	(H) Wind Ensemble	9 10 11 12	All		1.0 Fine Art	Audition/Teacher Approval
1210	Orchestra	9 10 11 12	All	All	1.0 Fine Art	String Instrument Experience
1212	(H) Orchestra	9 10 11 12	All	All	1.0 Fine Art	Audition/Teacher Approval
1221	Mixed Choir I	9 10 11 12	All	All	1.0 Fine Art	None (not preferred for juniors and seniors)
1222	Concert Choir	10 11 12	All		1.0 Fine Art	Audition/Teacher Approval
1223	Women's Chorus	9 10 11 12	All		1.0 Fine Art	Audition and Teacher Approval
1224	Men's Chorus	9 10 11 12	All		1.0 Fine Art	Audition and Teacher Approval
1225	Show Choir/Chamber Choir (Adv.)	11 12	All		1.0 Fine Art	B or better in another Music Ensemble, Audition/Teacher Approval
1230	Piano Lab I	9 10 11 12	All	All	0.5 Fine Art	None
1231	Piano Lab II	9 10 11 12	All	All	0.5 Fine Art	C or better in 1230
1240	Music Survey	9 10 11 12	All	All	0.5 Fine Art	None
1241	Music Appreciation	9 10 11 12	All	All	0.5 Fine Art	None
1242 1243	(H) AP Music Theory (H) Music Theory	11 12	All		1.0 Fine Art	Previous Music Class and be able to read and write musical notation AND Teacher Approval

Course Descriptions

Course No: 1201	BASIC INSTRUMENTAL MUSIC		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	None		MSB

COURSE DESCRIPTION: Students will learn to play a wind instrument. Students will be expected to rent a musical instrument. Some large instruments may be available from the school. No piano, percussion or bass.

Course No: 1202	SYMPHONIC BAND		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	Audition/Teacher Approval		MSB

COURSE DESCRIPTION: Students in this class develop skills in-group performance of brass, woodwind, and percussion instruments. While making rigorous demands on students, skills are developed by performing various types of band literature. Throughout the year, students play in concerts, instrumental festivals and at special events. Participants learn to use musical vocabulary, analyze the works of important composers, conductors and performers, and learn about the role of music in our world and other cultures. **Marching Band is required for all students in Symphonic Band first semester that are not in a fall varsity sport, Pom-pom, or Cheerleading.** All students are required to march in parades.

Course No: 1203	CONCERT BAND		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	Audition/Teacher Approval		MSB

COURSE DESCRIPTION: Students will perform concert band music throughout the year. The Concert Band will perform serious and popular music at two or more concerts per school year. Students are required to participate at all public performances. Home practice is expected. **Marching Band is required for all students in Concert Band first semester that are not in a fall varsity sport, Pom-pom, or Cheerleading.**

Course No: 1204	MARCHING BAND (After School - Fall)		McN
Grade Level:	9 10 11 12		
Length:	Quarter	Career Pathways: 	McC
Credit:	0.25 Fine Art (CR/NC)		
Prerequisite:	Band Instrument Experience, Audition/Teacher Approval		MSB

COURSE DESCRIPTION: Performances are given at all home football games. **Marching Band** is required for students in **Symphonic Band** and **Concert Band**, who are not in a fall varsity sport, Pom-pom, or Cheerleading. Members receive credit for their participation during the football season and special events. The group attends marching contests and marches in parades each year. All marching band members are required to attend the summer marching band camp during which time they will learn to march, and receive music, school owned instruments and uniforms.

Course No: 1205	JAZZ BAND		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	Audition and Teacher Approval		MSB

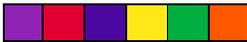
COURSE DESCRIPTION: Studies may include big band jazz, combos, improvisational techniques, swing, funk, blues, ballads, and Latin musical styles. Students are expected to play well, and be willing to perform for functions outside the normal school day when requested. The bands, in addition to giving concerts, may be asked to perform at festivals, for local organizations, church and civic groups. Members of the jazz band must also be enrolled in Concert, Symphonic, or Wind Ensemble classes.

Course No: 1206	(H) WIND ENSEMBLE		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	Audition/Teacher Approval		MSB

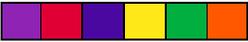
COURSE DESCRIPTION: Wind Ensemble is an honors band class offering the most rigorous curriculum and performance opportunities of all bands. Students must simultaneously be enrolled in Marching Band in order to receive honors credit in Wind Ensemble. **Students are expected to participate in Marching Band** after school rehearsals, football game halftime shows, and marching festivals. In addition, for the fall semester, wind ensemble students must prepare and audition for All-Suburban Band. For the spring semester, wind ensemble students must participate in SLSMEA district solo/ensemble festival in March.

Course No: 1210	ORCHESTRA		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	String Instrument Experience		MSB

COURSE DESCRIPTION: Students in this course acquire skills in orchestral performance. Individual student competence is developed while studying and performing a variety of orchestral literature. Students learn musical vocabulary and gain an understanding of orchestra music. Students may perform in concerts, festivals, and special events. Solo literature and chamber ensembles are also encouraged for those who meet higher levels of performance. Performance at Solo and Ensemble Festival is encouraged. Students participating in orchestra must have an instrument to use for practice at home. Students may purchase, rent, or rent to own instruments from local music stores.

Course No: 1212	(H) ORCHESTRA		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	Audition and Teacher Approval		MSB

COURSE DESCRIPTION: Placement in this advanced ensemble is by audition and approval of the instructor. This group prepares and performs more advanced works, performing in venues both in and outside of school. In order to receive honors credit, students will have to choose/participate in the following:
 Semester 1: Audition for all Suburban or All State Orchestra; or, present a research project to their class (topic subject to teacher's approval).
 Semester 2: Perform at the Solo and Ensemble Festival.

Course No: 1221	MIXED CHOIR I		McN
Grade Level:	9 10 11 12		
Length:	Year		McC
Credit:	1.0 Fine Art	Career Pathways: 	
Prerequisite:	None (Not preferred for juniors and seniors)		MSB

COURSE DESCRIPTION: Mixed Choir will be offered to students with a desire to sing. Students will learn music reading, music vocabulary and singing skills. Each student will demonstrate skills learned by performing individually in small groups. This ensemble will earn and perform choral literature from various styles and periods. Mixed Chorus will perform annual concerts in addition to festivals and special events. Students will attend mandatory rehearsals in concert preparation. **Mixed Choir can only be retaken with permission of instructor.**

Course No: 1222	CONCERT CHOIR		McN
Grade Level:	10 11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	Must be able to match pitch/Audition/Teacher Approval		MSB

COURSE DESCRIPTION: Concert Choir is an advanced group that will perform scheduled concerts, special performances, adjudicated festivals, and national competitions. Only the highest-level musicians will be accepted through an audition process. Literature of advanced nature will be studied in depth and students will demonstrate skills through small ensemble performances and individual singing exams. Students must be able to match pitch.

Course No: 1223	WOMEN'S CHORUS		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	Must be able to match pitch/Audition/Teacher Approval		MSB

COURSE DESCRIPTION: This group will study and perform music that is written specifically for female ensembles. A variety of music will be learned and performed in yearly concerts and festivals. Members will attend mandatory rehearsals in concert performance. Students will demonstrate skills learned individually and in small groups. **Students must be able to match pitch.**

Course No: 1224	MEN'S CHORUS		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	Must be able to match pitch/Audition/Teacher Approval		MSB

COURSE DESCRIPTION: This group will study and perform music that is written specifically for male ensembles in TB and TTBB choral arrangements. A variety of music will be learned and performed in yearly concerts and festivals. Members will attend mandatory rehearsals in concert performance. Students will demonstrate skills learned individually and in small groups. Students must be able to match pitch.

Course No: 1225	ADVANCED SHOW CHOIR / CHAMBER SINGERS		McN
Grade Level:	11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	Grade of B or better in another Music Ensemble Audition and Teacher Approval		MSB

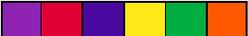
COURSE DESCRIPTION: This group will study music of different genres and perform challenging repertoire. Students will attend all performances and extra rehearsals in concert preparation. Students will perform special performances, concerts, festivals and competitions.

Honors credit will be available for those students meeting the following criteria:

1. Audition for All-Suburban Honor Choir
2. Take solos to district festival.
3. If students do not make the preceding criteria, a written assignment will be given with a topic chosen by the instructor. This paper will be ten (10) pages double spaced, include bibliography of at least 5 sources, double spaced, and will follow the MLA writing format.

Course No: 1230	PIANO I		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	None		MSB

COURSE DESCRIPTION: This course is designed to introduce basic piano skills and provide experiences to play piano for pleasure. Students will learn rudiments of piano playing, music theory and history. A mandatory public recital is held at the end of each semester.

Course No: 1231	PIANO II		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	C or better in 1230		MSB

COURSE DESCRIPTION: This course is designed to practice basic piano skills and provide experiences to play piano for pleasure. Students will learn rudiments of piano playing, music theory and history. A mandatory public recital is held at the end of each semester.

Course No: 1240	MUSIC SURVEY		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathways: 	McC
Credit:	0.5 Fine Art		
Prerequisite:	None		MSB

COURSE DESCRIPTION: This non-performance music course begins with music of the Romantic period and progresses to American music, which includes Blues, Ragtime, Big Band Swing, Jazz and Broadway Musicals. Videos, listening experiences, handouts and notes will provide information for evaluation. Concerts may be attended for extra credit.

Course No: 1241	MUSIC APPRECIATION		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathways:	 McC
Credit:	0.5 Fine Art		
Prerequisite:	None		MSB

COURSE DESCRIPTION: This non-performance music listening course deals with the study of Baroque, Classical or Romantic composers, their lives and their music. Handouts, note taking, listening, and lectures will provide material for evaluation. Concerts can be attended for extra credit.

Course No: 1242 or 1243 (H)	AP MUSIC THEORY OR (H) MUSIC THEORY		McN
Grade Level:	11 12		
Length:	Year	Career Pathway:	 McC
Credit:	1.0 Fine Art		
Prerequisite:	Previous Music Class and be able to read and write musical notation AND Teacher Approval		MSB

COURSE DESCRIPTION: This college prep class is limited to juniors and seniors who wish to study the mechanics of music. Ear training, harmonic analysis and part-writing are taught to prepare the student to compose and arrange music for instruments and/or voices. Previous music training is recommended. Students must be enrolled in at least one performing ensemble.

**This course follows the syllabus for the Advanced Placement Exam.*



Fine Arts - Performing Arts, Theatre

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
0580	Introduction to Acting	9 10 11 12	All	All	1.0 Fine Art	None (Not preferred for Seniors)
0581	(H) Technical Theatre/ Stagecraft	10 11 12	All	All	1.0 Fine Art or 1.0 PA	None Must declare credit type at the beginning of the course
0582	Acting II	10 11 12	All		1.0 Fine Art	C or better in 0580 or Teacher Approval
0583	(H) Honors Acting III	11 12	All		1.0 Fine Art	B or better in 0581 or 0582
0584	(H) College Acting and Directing	12	All		1.0 Fine Art	B or better in 0583 or Teacher Approval

Course Descriptions

Course No: 0580	INTRODUCTION TO ACTING	McN
Grade Level: 9 10 11 12		
Length: Year	Career Pathways: 	McC
Credit: 1.0 Fine Art		
Prerequisite: None		MSB

COURSE DESCRIPTION: Students in this course will learn the basics of theatrical production through basic acting techniques. First semester will focus primarily on improvisation, audience etiquette, pantomime, and how actors use these skills to convey a message. Scripted, improvised, and open ended scenes will be used. Semester 2 focuses on scripted acting scenes from classic and contemporary plays and how an actor uses both voice and body to convey a message and justify artistic choices through cultural and historical information. Duet, group scenes and monologues will be used. Basic technical theatre will be introduced through children's theatre as students will adapt and perform a piece of drama for area elementary schools. Students will also explore career paths in the performing arts. Students will be required to review through dramatic criticism one outside theatrical production. Students in this course will be required to participate in an evening theatrical performance. **Not preferred for Seniors.**

Course No: 0581	(H) TECHNICAL THEATRE / STAGECRAFT	McN
Grade Level: 10 11 12		
Length: Year	Career Pathways: 	McC
Credit: 1.0 Fine Art or Practical Art - Must declare type of credit at beginning of class		
Prerequisite: None		MSB

COURSE DESCRIPTION: Students in technical theatre will learn all the aspects of theatrical production including: set design, set construction, props and properties, costuming, makeup, crafts, stage lighting, sound, special effects, publicity, and arts administration. Students will learn the entire technical process from design to execution using appropriate technology and justify artistic choices through cultural and historical information. Students will explore career paths in technical theatre. Students will be required complete after-school work on school productions and will be required to pass a safety test before using any power tools. Students will review through dramatic criticism one outside theatrical production each semester. Students in technical theatre will design and build the scenery for the one-act play festival and develop a technical portfolio.

*****Students must complete a form declaring if they want a fine art or practical art credit.*****

Course No: 0582	ACTING II		McN
Grade Level:	10 11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	C or better in 0580 Introduction to Acting or Teacher Approval		MSB

COURSE DESCRIPTION: Students in Acting 2 will study multiple acting theorists and techniques. Students will explore different genres of acting including comedy, tragedy, tragicomedy and stage and film acting. Students will explore creative movement and pantomime. Students in this course will prepare a one act play for performance. Students will explore monologues, duet scenes, and large group scene work and justify artistic choices through cultural and historical information. Outside theatre work is required in this course. Students will be expected to review through dramatic criticism one professional play each quarter.

Course No: 0583	(H) ACTING III		McN
Grade Level:	11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	B or better in 0581 or 0582		MSB

COURSE DESCRIPTION: Students in honors acting will study multiple acting theorists and techniques including Adler, Spolin, Stanislavsky, and Hagen. Method acting will be explored. Students will explore multiple forms of acting including classical and contemporary comedy and drama, stage combat, and chamber theatre. Accents and dialects will be taught through the international, phonetic alphabet. Students will learn and apply theatre terms including *deus ex machina*, pace and genre. Theatre history will be addressed. Students will explore monologues, duet scenes, and large group scene work and justify artistic choices through cultural and historical information. Theatrical careers will also be explored and students will perform a one act play or larger. Outside theatre work is required in this course. Students will be expected to review through dramatic criticism one professional play each quarter. Students in this course will also prepare a college acting audition.

Course No: 0584	(H) COLLEGE ACTING AND DIRECTING		McN
Grade Level:	12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Fine Art		
Prerequisite:	B or better in 0583 (H) Acting III or Teacher Approval		MSB

COURSE DESCRIPTION: Students in advanced acting will study multiple acting theorists and techniques. Multiple master teacher approached including many of the theories of Meisner, Brecht, Adler, Boleslavsky, Spolin, Heathcote, Stanislavski, Alexander, Grotowski, Artaud, Brooke, Suzuki, Viewpoints and Hagen will be discussed and applied. Method acting, master gesture and actor's tendency will be introduced and explored. Students will explore multiple forms of acting including classical and contemporary comedy and drama, commedia del arte, stage combat, and chamber theatre. Accents and dialects will be taught through the international, phonetic alphabet. Students will explore monologues, duet scenes, and large group scene work and justify artistic choices through cultural and historical information. The basics of both scene and play direction will be discussed as well as career paths in the performing arts. Students will be expected to review through dramatic criticism one professional play each quarter. Students in this course will also prepare a college acting audition. This course may be taken for up to six hours of college credit through the University of Missouri St. Louis or Missouri Baptist University.

CTE - Family & Consumer Science

Course Number	Course Title	Grade Level	School	Career Path	Credits Earned	Prerequisites Needed
0901	Nutrition and Wellness*	9 10 11 12	All		0.5 CTE	None
0902	Food Science*	10 11 12	All		0.5 CTE	0901 = C or above or Teacher Approval
0904	Family Living & Parenting	10 11 12	McC McN		0.5 CTE	None
0905	Child Development Care & Guidance I*	10 11 12	All		0.5 CTE	Must have completed eligibility form on file
0906	Child Development Care & Guidance II*	10 11 12	McC McN		0.5 CTE	0905 = C or above Must have completed eligibility form on file
0907	Child Development, Care and Guidance Practicum	11 12	All		0.5 CTE	0905 & 0906 Must have completed eligibility form on file
0908	Housing & Home Furnishings	10 11 12	McC McN		0.5 CTE	None
0909	Senior Survival	12	All		0.5 CTE	12th Grade Only
0910	Fashion Design I	9 10 11 12	McC McN		0.5 CTE	None
0911	Fashion Design II	9 10 11 12	McC McN		0.5 CTE	0910 = C or above (9 th grade second semester only)
0920	Career Pathways for the Teaching Profession I (Teaching 101)	11 12	McC McN		0.5 CTE	None
0921	Career Pathways for the Teaching Profession II (Teaching 101)	11 12	McC McN		0.5 CTE	0920 Career Pathways for the Teaching Profession I
0923	ProStart I	11 12	All		0.5 CTE	0902 = C or above in Food Science
0924	ProStart II	11 12	All		0.5 CTE	0923 ProStart I
0925	ProStart III**	11 12	All		0.5 CTE	0924 ProStart II
0926	ProStart IV**	11 12	All		0.5 CTE	0925 ProStart III
0927	Educational Practicum	11 12	McC McN		1.0 CTE	0921 Career Pathways for the Teaching Profession II

CTE-FAMILY AND CONSUMER SCIENCES

GENERAL INFORMATION

A grade of C or better in a prerequisite course is necessary before enrolling in the course at the next level. (Example: A minimum of a C is needed in **Nutrition & Wellness** before enrolling in **Food Science**).

The Certificate of Recognition in Family and Consumer Sciences will be awarded to student's who meet the following criteria: two credits in Family and Consumer Sciences which include at least one of the following courses while maintaining a 3.5 GPA in these courses: **Child Development, Care and Guidance II, Food Science, World Foods/Culture, and Housing and Home Furnishings.**

Child Development I and II are Tech Prep courses. Any student who has an interest in pursuing a career with children and who wish to participate in this program must enroll in Child Development I their junior year and Child Development II their senior year. In order to be eligible to receive college credit at the St. Louis Community College (all campuses), students must have completed the courses successfully with a B or above.

Nutrition and Wellness and Food Science are Tech Prep courses. Students interested in a career in the culinary arts should enroll in Nutrition and Wellness their junior year and Food Science their senior year. In order to be eligible to receive college credit at the St. Louis Community College (Forest Park campus only), students must have completed the courses successfully with a B or above. Additionally, a safety and sanitation test will be given to any student applying for the college credit, unless they have passed the ServeSafe Safety and Sanitation test during the high school coursework.

* Denotes Tech Prep Course

***SPECIAL NOTE:** The following policies apply for registration of students into **Child Development, Care & Guidance I and II, Child Development, Care & Guidance Practicum, or Child Development Center Aide:**

1. Any student who has been suspended for Type 1 behavior cannot be enrolled or work in the Child Development Center. An eligibility form (provided in this section) must be completed before registering and approved by the Child Development teacher and grade level principal.
2. The list of students enrolled in the Child Development programs will be reviewed by the grade level principal, and child development teacher for approval prior to enrollment. An eligibility form (provided in this section) must be completed before registering and approved by the Child Development teacher and grade level principal.
3. All disciplinary referrals for students working in the Child Development Center should be discussed and a consensus made on the eligibility of the student by the Family and Consumer Sciences Teacher (FACS) teacher, grade level principal, counselor, and cooperating classroom teacher.
4. The childcare staff will refer all problems of high school student behavior to the Family and Consumer Sciences (FACS) teacher and grade level principal.

*All students enrolled in Fashion Design I & II, Child Development Care and Guidance I & II, Child Care Practicum, Family Living, Nutrition and Wellness, Food Science, Housing and Home Furnishings, World Foods and Culture, and Senior Survival classes are encouraged to join the national student organization FCCLA (Family, Career, and Community Leaders of America). Students who choose to join the organization will need to fundraise or pay a \$10.00 membership fee. FCCLA activities are included in the curriculum for these courses. Additional after school preparation is required for students participating in special projects, competitions and/or conferences.

Course Descriptions

Course No: 0901	NUTRITION AND WELLNESS		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		MSB

COURSE DESCRIPTION: This course will enable students to construct meaning related to nutrition, food economics and ecology; communicate effectively with family members, consumer groups and providers of food and nutrition products and services; discuss problems related to health and wellness, as well as food needs through application of mathematics and science principles; and make responsible decisions involving family and individual food needs, the use of the food dollar and the handling of food.

Course No: 0902	FOOD SCIENCE		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	C or better in 0901 Nutrition and Wellness or Teacher Approval		MSB

COURSE DESCRIPTION: This course is an advanced course that enables students to extend competencies gained in Nutrition and Wellness who are interested in food science, dietetics, and nutrition to construct meaning related to the biochemistry of foods and nutrition; solve problems related to foods and nutrition through the application of scientific principles; and assess the impact of food safety and sanitation on the health and wellness of individuals and families.

Course No: 0904	FAMILY LIVING AND PARENTING		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		

COURSE DESCRIPTION: This course will enable students to construct meaning by interpreting the nature, function and significance of human relationships; communicate effectively with family members and agencies that provide related products and services; solve problems based upon the developmental needs of individuals; and make decisions that strengthen and maintain family relationships, prepare individuals for marriage and parenthood and reduce disruptive conditions that destabilize families.

Course No: 0905	CHILD DEVELOPMENT, CARE AND GUIDANCE I	McN
Grade Level:	10 11 12	
Length:	Semester	Career Pathway:  McC
Credit:	0.5 Career & Technical Education	
Prerequisite:	Must have completed eligibility form on file.	MSB

COURSE DESCRIPTION: This course enables students to construct meaning pertinent to child care, guidance and supervision; communicate effectively with family members, child care agencies and professional service providers; solve problems based upon the developmental needs of children; make decisions that support the sound physical, mental and social development of children; and assess the impact of the parenting role in society.

Course No: 0906	CHILD DEVELOPMENT, CARE AND GUIDANCE II	McN
Grade Level:	10 11 12	
Length:	Semester	Career Pathway:  McC
Credit:	0.5 Career & Technical Education	
Prerequisite:	0905 with a C or better and must have a completed eligibility form on file.	

COURSE DESCRIPTION: This course is an advanced course that enables students to construct meaning related to the rights of families and the ethical responsibilities of working with children; communicate effectively with family members, child care agencies, and professional service providers; solve problems based upon the developmental needs of children; make decisions that support the sound physical, mental and social development of children; and assess the impact of quality child care on the family and community.

Course No: 0907	CHILD DEVELOPMENT, CARE AND GUIDANCE PRACTICUM	McN
Grade Level:	11 12	
Length:	Semester	Career Pathway:  McC
Credit:	0.5 Career & Technical Education	
Prerequisite:	0905 Child Development I and 0906 Child Development II and must have completed an eligibility form on file.	MSB

COURSE DESCRIPTION: This course is an advanced course that enables students to extend competencies gained in Child Development, Care & Guidance I & II who are interested in Early Childhood Education and Services. Students who enroll in this course will be given the opportunity to work daily in the Child Development Center to establish and maintain a safe, healthy learning environment, advance physical and intellectual competence to support social and emotional development to provide positive and productive relationships with families; ensure a well-run, purposeful child care program responsive to participant needs, and maintain a commitment to professionalism.

Course No: 0908	HOUSING, HOME FURNISHING & EQUIPMENT		McN
Grade Level:	10 11 12		
Length:	Semester	Career Pathways:  	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		

COURSE DESCRIPTION: This course enables students to construct meaning related to living environments; communicate effectively with family members and providers of environmentally related products and services; solve problems related to the physical, psychological, and sociological influences that impact families in various living environments; and make the complex, responsible decisions necessary to create desirable living environments.

Course No: 0909	SENIOR SURVIVAL: FAMILY/CONSUMER RESOURCE MANAGEMENT		McN
Grade Level:	12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		MSB
Prerequisite:	12th Grade only		

COURSE DESCRIPTION: This course enables students to construct meaning through interpreting family values, needs, and wants; communicate effectively with family members and agencies that provide consumer products and services; solve problems that impact family resource management; and make decisions that contribute to economic stability and quality of life for families.

Course No: 0910	FASHION DESIGN I		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathways:  	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		

COURSE DESCRIPTION: Being “One of a Kind” and express creativity by learning to utilize skills and information learned in clothing construction. Be able to do repairs, alterations, and crafts for self and family. Use and care of sewing equipment, patterns, fabrics, and the techniques necessary for simple projects will be taught as well as discussion in the areas of clothing choices, wardrobe planning, laundry, shopping, and careers in the field.

Important note: This course is for the beginner. The student will construct a minimum of two simple garments and be prepared to buy the necessary supplies, patterns, and materials for each project by the required date. Having required materials, daily participation, and the ability to work independently toward reaching course goals will be used to measure success in this class.

Course No: 0911	FASHION DESIGN II		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathways:  	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	C or Better in 0910 Fashion Design I		

COURSE DESCRIPTION: This is an advanced course in which the student will continue to perfect construction skills already learned and will acquire new sewing techniques. Careers in the fashion industry, history of fashion, and trends in clothing design will be explored. Students must possess skills in self direction and have developed independent work habits.

Students should be prepared to buy the necessary supplies, patterns, and materials for each garment and have them in class on them in class on the required date. If financial assistance is needed, students should contact the instructor and/or appropriate administration before beginning the course. Success in this class largely depends on having the required techniques mastered. An unlined jacket and 2-piece sport outfit are minimum requirements.

Course No: 0920	CAREER PATHWAYS FOR THE TEACHING PROFESSION I (Teaching 101)		McN
Grade Level:	11 12	Career Pathway: 	McC
Length:	Semester		
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		

COURSE DESCRIPTION: Professional Teaching Careers is a program that focuses on the general theory and practice of learning and teaching, the basic principles of educational psychology, the art of teaching, the planning and administration of educational activities, school safety and health issues, and the social foundations of education. This is a rigorous course and should be considered a college prep course. The program has ties with the Emerson Teacher Leadership Scholars Program at Lindenwood University. This Lindenwood Scholarship program is for students seeking teaching careers in schools located in areas of high need. Students are required to perform pre-service field experiences in school districts located in North St. Louis County and North St. Louis City. Up to \$14,000 in scholarships could be awarded to one qualified applicant, renewable with satisfactory conduct and academic record.

Course No: 0921	CAREER PATHWAYS FOR THE TEACHING PROFESSION II (Teaching 101)		McN
Grade Level:	11 12	Career Pathway: 	McC
Length:	Semester		
Credit:	0.5 Career & Technical Education		
Prerequisite:	0920 Career Pathways for the Teaching Profession I		

COURSE DESCRIPTION: Career Pathways for the Teaching Profession II continues to focus on the general theory and practice of learning and teaching, the basic principles of educational psychology, the art of teaching, the planning and administration of educational activities, school safety and health issues, and the social foundation of education. This is a rigorous class and should be considered a college prep course. The program has ties with the Emerson Teacher Leadership Scholars Program at Lindenwood University. This Lindenwood Scholarship program is for students seeking teaching careers in schools located in areas of high need. Students are required to perform pre-service field experiences in school districts located in North St. Louis County and North St. Louis City. Up to \$14,000 in scholarships could be awarded to one qualified applicant, renewable with satisfactory conduct and academic record.

Course No: 0923	PROSTART I		McN
Grade Level:	11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	C or better in 0902 Food Science		
			MSB

COURSE DESCRIPTION: The ProStart classes are designed to give students experiences in the culinary career pathway. Students will learn about food production, safety, and sanitation. During lab experiences students will prepare meats, stocks, soups, fruits, vegetables, breads, and sandwiches. Students will also be introduced to safe food handling procedures and national safety standards (OSHA).

Course No: 0924	PROSTART II		McN
Grade Level:	11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	0923 ProStart I		MSB

COURSE DESCRIPTION: ProStart II continues the culinary career preparation started in ProStart I. The students will demonstrate professional food preparation methods and techniques for menu categories to produce a variety of food products that meet customer needs; demonstrate industry standards in selecting, using, and maintaining food production and food service equipment; and demonstrate menu planning principles and techniques based on standardized recipes to meet customer needs. The students will be given the ServSafe Safety and Sanitation exam upon completion of the program of study.

Course No: 0925	PROSTART III		McN
Grade Level:	11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	0924 ProStart II		MSB

COURSE DESCRIPTION: In ProStart III students will be actively practicing food production, food safety and sanitation. The food production will focus on industry practices in commercial and in a restaurant setting. Food safety and Sanitation will be reinforced throughout the course. College credit is available through Missouri State University for students at MSB. Students must meet requirement to enroll for college credit.

Course No: 0926	PROSTART IV		McN
Grade Level:	11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	0925 ProStart III		MSB

COURSE DESCRIPTION: ProStart IV will focus on the business of a restaurant, running the “Front of the House”, and everything it entails. Topics to be covered will include: proper restaurant communication, record keeping, inventory management, human resource policies, staff training, and marketing. A mock restaurant will be set up to run in the Foods Lab, open to building staff, two or three days a week. This “restaurant” will give students a chance to experience different jobs in culinary industry. All students will be given the Prostart I and Prostart II exams from the National Restaurant Association as the course Technical Skills Attainment (TSA) assessment. College credit is available through Missouri State University for students at MSB. Students must meet requirement to enroll for college credit.

Course No: 0927	EDUCATIONAL PRACTICUM		McN
Grade Level:	11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	1.0 Career & Technical Education		
Prerequisite:	0921 Career Pathways for the Teaching Profession II		

COURSE DESCRIPTION: The Educational Practicum course will give the high school student an opportunity to observe the theory from the Career Pathways in Education course in action. This new course will allow students to sign up for observational experiences with cooperating early childhood, elementary and secondary education teachers in the district. Monday through Thursday the students will observe in the cooperating teachers classroom. Students will be required to document their observations daily, in a journal. Friday the class will meet at their home school to share and discuss their observations from the week. **Students will have to provide their own transportation to, and from, the observation site.**

ELIGIBILITY FORM

FOR

CHILD DEVELOPMENT—CARE & GUIDANCE I AND II CHILD DEVELOPMENT—CARE & GUIDANCE PRACTICUM CHILD DEVELOPMENT CENTER AIDE EDUCATIONAL PRACTICUM

Students: You must have this form signed by your Building Principal and the Child Development Instructor **BEFORE** registering for **ANY** Child Development Course. Failure to do so will result in not being registered for the course.

Student Name: _____

Grade Level _____ is interested in taking a Child Development Course next year. In order to enroll, the student must NOT have been suspended for any Level 3 behavior.

I have checked middle school and high school disciplinary history and find the student free of any Level 3 Offense and eligible for the Child Development Program. *(Tyler SIS K12 only has discipline starting in 2014-2015. MIS would need to be checked for prior years.)*

Building Principal's Signature

Child Development Instructor's Signature

STUDENT: RETURN THIS FORM to the Child Development Instructor.

Health/Physical Education

Course Number	Course Title	Grade Level	School	Career Path	Credits Earned	Prerequisites Needed
0801	Health and Wellness	9	All	All	0.5 Health	None
0802	Boy's Fitness for Life	9	All	All	0.5 PE	None
0803	Girl's Fitness for Life	9	All	All	0.5 PE	None
The above courses are required for graduation						
0804	Recreational and Lifetime Activities, Co-ed	9 10 11 12	All	All	0.5 PE	Fitness for Life (9 th grade 2 nd semester only)
0806	Boys' Team Sports & Games	9 10 11 12	All	All	0.5 PE	Fitness for Life (9 th grade 2 nd semester only)
0807	Girls' Team Sports & Games	9 10 11 12	All	All	0.5 PE	Fitness for Life (9 th grade 2 nd semester only)
0808	Aerobics & Exercise	9 10 11 12	All	All	0.5 PE	Fitness for Life (9 th grade 2 nd semester only)
0809	Power Walking for Fitness	9 10 11 12	All	All	0.5 PE	Fitness for Life (9 th grade 2 nd semester only)
0810	Strength Training & Conditioning—Boys	9 10 11 12	All	All	0.5 PE	Fitness for Life (9 th grade 2 nd semester only)
0811	Strength Training & Conditioning—Girls	9 10 11 12	All	All	0.5 PE	Fitness for Life (9 th grade 2 nd semester only)
0812	Outdoor/Adventure Pursuits	11 12	All	All	0.5 PE	Fitness for Life
0814	Advanced Co-ed Strength Training & Conditioning	10 11 12	All	All	0.5 PE	A or B in Strength Training & Conditioning for Girls or Boys
0815	Beginning Aquatics—Boys	9 10 11 12	MSB	All	0.5 PE	Fitness for Life (9 th grade 2 nd semester only)
0816	Beginning Aquatics—Girls	9 10 11 12	MSB	All	0.5 PE	Fitness for Life (9 th grade 2 nd semester only)

General Information

Students are offered a comprehensive program by the Physical Education Department. The goal of physical education is to develop physically educated individuals who have the knowledge, skills, and confidence to enjoy a lifetime of healthful physical activity and nutritional habits.

Graduation Requirement

High school students will need to earn one and one-half (1.5) credits in Physical Education and one-half (.5) credit in Health. Freshman students are required to take one semester of 0801 Health and Wellness and one semester of either 0802 Boys Fitness for Life or 0803 Girls Fitness for Life. Principal approval may allow these courses to be taken later if a conflict occurs. Both Health and Fitness for Life are required for graduation. An additional two elective physical education courses must then be taken to fulfill graduation requirements in Physical Education.

It is recommended that students take only one physical education course per semester. After earning 1.0 unit of Physical Education credit, courses may be duplicated for elective credit.

Classroom Procedures

At the beginning of each course, the teacher will address rules concerning the use and care of equipment, grading, safety, injuries, medical excuses, make-up, lockers, truancies, dress code, and personal hygiene stated in the Ferguson-Florissant School District's High School Physical Education Guidelines.

All students enrolled in Physical Education courses are required to follow the approved dress code for Physical Education. The Physical Education uniform can be purchased from your Physical Education teacher and can cost between \$16—\$25 dollars. Lockers and locks are provided for students to store clothing. Not dressing out for class will result in a reduction to the student's grade. These recommendations are made for the health and safety of all students.

Activities listed in the course descriptions are subject to change according to the size of enrollment, inclement weather, or availability of space. If students miss physical education classes, PE make-up is required for those students to progress academically. Students should see their instructor for schedule of make-up times and days. Activity based homework is an integral part of course requirements in physical education classes.

Physical Fitness Testing

All students enrolled in Physical Education courses are required to take the Physical Fitness test. Nutrition awareness and weight management will be addressed in every Physical Education course.

Course Descriptions

Course No: 0801	HEALTH AND WELLNESS		
	0801R HEALTH ANDWELLNESS		McN
Grade Level:	9 - Required course as a Freshman		
	10 11 12 - 0801R		McC
Length:	Semester	Career Pathways:	
Credit:	0.5 Health		MSB
Prerequisite:	None		

COURSE DESCRIPTION: This comprehensive course provides exposure to a variety of health topics and contemporary issues that addresses the overall wellness of an individual. Topics include the structure and functions of the human body, mental health (social & emotional), Personal and Family Wellness, Nutrition, Consumer Health and Safety, Life Management Skills, Disease Prevention and Control, Injury Prevention and Safety, Substance Education, and Environmental Health.

Course No: 0802	FITNESS FOR LIFE - Boys		
	0803 FITNESS FOR LIFE - Girls		McN
	0803R FITNESS FOR LIFE - Co-ed		
Grade Level:	9 - Required course as a Freshman		
	10 11 12 - 0803R		McC
Length:	Semester	Career Pathways:	
Credit:	0.5 Physical Education		MSB
Prerequisite:	None		

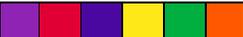
COURSE DESCRIPTION: This required 9th grade course emphasizes the importance of physical activity and its benefits on health and quality of life. It combines the classroom with the physical activity setting to develop and enhance knowledge and application of various fitness components necessary for personal fitness program development. Students will engage in a variety of physical activity experiences with an emphasis on portfolio self-assessment, achievement, and maintenance or improvement of personal health-related fitness goals that will promote a lifetime of fitness. Students are required to take the Physical Fitness Test.

Course No: 0804	RECREATIONAL AND LIFETIME ACTIVITIES - Co-ed	McN
Grade Level:	9 10 11 12	
Length:	Semester	Career Pathways: 
Credit:	0.5 Physical Education	McC
Prerequisite:	0802 or 0803 or 0803R Fitness for Life	MSB

COURSE DESCRIPTION: This course includes a variety of recreational sports, games and activities that promotes a lifetime of physical fitness and personal enjoyment. Instruction emphasizes the exploration and development of skills, rules, strategies and knowledge of various recreational and lifetime activities as well as the health benefits received from each. Students enrolled may take field trips to enhance class instruction and off campus facilities may be used for enrichment activities. Students are required to take the Physical Fitness Test. Field trips may require students to pay a nominal fee.

Course No: 0806	TEAM SPORTS & GAMES - Boys	McN
	0807 TEAM SPORTS & GAMES - Girls	
Grade Level:	9 10 11 12	
Length:	Semester	Career Pathways: 
Credit:	0.5 Physical Education	McC
Prerequisite:	0802 or 0803 or 0803R Fitness for Life	MSB

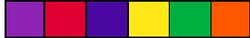
COURSE DESCRIPTION: This course includes a variety of team sports and games. Instruction emphasizes the development and improvement of skills, rules, strategies and knowledge of various team sports and activities as well as the health benefits received from each. Class activities will address understanding and development of skill related fitness components, principles of movement, training principles and injury prevention, coaching, and officiating mechanics. Students are required to take the Physical Fitness Test.

Course No: 0808	AEROBICS AND EXERCISE	McN
Grade Level:	9 10 11 12	
Length:	Semester	Career Pathways: 
Credit:	0.5 Physical Education	McC
Prerequisite:	0802 or 0803 or 0803R Fitness for Life	MSB

COURSE DESCRIPTION: This course emphasizes the principles of movement, exercise, aerobic conditioning, and dance. A variety of moderate to vigorous activities that are fun and enjoyable are included in the course that will promote optimal fitness improvement in health-related fitness components based on an individual's current fitness level. Diet, nutrition, and weight management will also be addressed. Students are required to take the Physical Fitness Test.

Course No: 0809	POWER WALKING FOR FITNESS	McN
Grade Level:	9 10 11 12	
Length:	Semester	Career Pathways: 
Credit:	0.5 Physical Education	McC
Prerequisite:	0802 or 0803 or 0803R Fitness for Life	MSB

COURSE DESCRIPTION: This is a co-educational high-level power walking class held outdoors that will exercise the body and mind. Power walking, alternative aerobic activities, exercise principles, and health and nutritional concepts will be addressed in this course. Students should dress appropriately (sweat pants, hooded sweatshirts, and gloves) for outdoor off-campus walking or other fitness related activities. Pedometers and heart rate monitors are utilized to develop and monitor student performance. Students are required to take the Physical Fitness Test.

Course No: 0810	STRENGTH TRAINING AND CONDITIONING - Boys	McN
0811	STRENGTH TRAINING AND CONDITIONING - Girls	
Grade Level:	9 10 11 12	McC
Length:	Semester	Career Pathways: 
Credit:	0.5 Physical Education	MSB
Prerequisite:	0802 or 0803 or 0803R Fitness for Life	

COURSE DESCRIPTION: This course will cover basic strength training and conditioning fundamentals needed to create personal fitness programs that will improve quality of life. Content includes safety practices, proper techniques, and benefits of various strength and weight training methods and strategies that effect health and skill related fitness components. Students are required to take the Physical Fitness Test.

Course No: 0812	OUTDOOR/ADVENTURE PURSUITS	McN
Grade Level:	11 12	
Length:	Semester	Career Pathways: 
Credit:	0.5 Physical Education	McC
Prerequisite:	0802, 0803 or 0803R Fitness for Life.	MSB

COURSE DESCRIPTION: This course provides students with the opportunity to participate in a variety of challenge activities. These challenges help students learn to work together with peers while developing personal leadership, communication, problem-solving, decision-making, and teamwork skills. Students improve their skills and physical fitness while participating in a variety of lifetime adventure activities such as orienteering, archery, riflery, rock climbing, fishing and other outdoor living pursuits. Students are required to take the Physical Fitness Test. Field trips may require students to pay a nominal fee. Must pass safety test for certain equipment.

Course No: 0814	ADVANCED COED STRENGTH TRAINING & CONDITIONING	McN
Grade Level:	10 11 12	
Length:	Semester	Career Pathways: 
Credit:	0.5 Physical Education	McC
Prerequisite:	A or B in Strength Training and Conditioning for Girls or Boys or Teacher Approval.	MSB

COURSE DESCRIPTION: This course is for highly motivated students who wish to learn and apply principles of strength training and conditioning to the next level. Students will engage in personal programs of conditioning designed to achieve specific developmental goals in strength, endurance, flexibility, and cardio- respiratory fitness. Diet and sports nutrition will also be addressed. Students are required to take the Physical Fitness Test. College credit available at McCluer. See page 7 for advanced credit entry requirements.

Course No: 0815	BEGINNING AQUATICS - Boys	
0816	BEGINNING AQUATICS - Girls	
Grade Level:	9 10 11 12	
Length:	Semester	Career Pathways: 
Credit:	0.5 Physical Education	
Prerequisite:	0802 or 0803 or 0803R Fitness for Life	MSB

COURSE DESCRIPTION: This course promotes health-related fitness through participation in a variety of aquatic activities that students can participate in for a lifetime. Strong foundational skills for non- swimmers will be built towards progression of a competent swimmer through the American Red Cross "Learn to Swim" program. Emphasis will be placed on buoyancy, breathing, entries and exits, and water/ personal safety. Experienced swimmers will also benefit through participation in the higher levels of the "Learn to Swim" program that focuses on stroke development and cardio-respiratory fitness.

CTE - Technology and Engineering

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
1001	Computer Aided Drafting**	9 10 11 12	All	■	0.5 CTE	None
1005	Intro to Engineering Design***** (IED)	9 10 11 12	All	■	1.0 CTE	None
1006	Principles of Engineering* (POE)	10 11 12	All	■	1.0 CTE	1005 IED
1007	Digital Electronics* (DE)	11 12	All	■	1.0 CTE	1005 IED or 1006 POE or Instructor Approval
1008	Civil Engineering and Architecture* (CEA)	11 12	All	■	1.0 CTE	1005 IED or Instructor Approval
(H)1013	Computer Integrated Manufacturing**** (H)	11 12	All	■	1.0 CTE	1005 Introduction to Engineering Design, 1006 Principles of Engineering, OR 1007 Digital Electronics
(H)1014	Engineering Design and Development**** (H)	11 12	All	■	1.0 CTE	1013 Computer Integrated Manufacturing
1041	Materials and Processes	9 10 11 12	McN McC	■	0.5 CTE	None
1042	Home Maintenance	9 10 11 12	All	■	0.5 CTE	None
1061	Mechanical Design**	9 10 11 12	All	■	0.5 CTE	1001 Computer Aided Drafting
1062	Architectural Design	9 10 11 12	All	■	0.5 CTE	1001 Computer Aided Drafting
1066	Wood Technology	9 10 11 12	McN McC	■	0.5 CTE	1041 Materials & Processes
1068	Carpentry I	11 12	All	■	0.5 CTE	None
1069	Carpentry II	11 12	All	■	0.5 CTE	1068 Carpentry I

CTE - Technology and Engineering

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
1070	Metal Technology	9 10 11 12	McN McC		0.5 CTE	1041 Materials & Processes
1072	Technologies	9 10 11 12	McN	 	0.5 CTE	None
1076	(H) Drafting Studio	11 12	McN	 	1.0 CTE	Instructor Approval

***Courses 1005, 1006, 1007, and 1008** are available for both (H) Honors Credit and College Credit. Students must pass the Project Lead the Way Final Exam with a 70% or better. Once students have achieved the above, (H) Honors credit will be applied to their grade for that class. There are several options for students to receive college credit. Credits are articulated with St. Louis Community College and Missouri University of Science and Technology. Credit can be purchased through the University of Central Missouri.

****Denotes a Tech Prep Course**

*****Course 1020** is a three-period block taught at McCluer High School only—students from McCluer North High and McCluer South Berkeley will be bused to McCluer for the three-period block.

******Honors Credit** thru dual enrollment at STLCC Florissant Valley

*******College Credit** is available through the University of Iowa. Students must meet requirements.

Course Descriptions

Course No: 1001	COMPUTER AIDED DRAFTING - CAD	McN
Grade Level:	9 10 11 12	
Length:	Semester	Career Pathway: 
Credit:	0.5 Career & Technical Education	McC
Prerequisite:	None	MSB

COURSE DESCRIPTION: Students will study computer terminology, history, components, applications and design functions. They will also create graphic designs with computers. Students will be exposed to hand sketching, 2D Computer Aided Drafting using AutoCAD software and 3D Parametric Modeling using Inventor software.

Course No: 1005	INTRODUCTION TO ENGINEERING DESIGN - IED	McN
Grade Level:	9 10 11 12	
Length:	Year	Career Pathway: 
Credit:	1.0 Career & Technical Education	McC
Prerequisite:	None	MSB

COURSE DESCRIPTION: This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed in the pre-engineering course sequence. 3D modeling and printing, design problems and challenges as well as teamwork projects are all part of Introduction to Engineering and the Project Lead the Way curriculum. This course can be taken for honors credit.

Course No: 1006	PRINCIPLES OF ENGINEERING - POE		McN
Grade Level:	10 11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Career & Technical Education		
Prerequisite:	1005 Introduction to Engineering Design		MSB

COURSE DESCRIPTION: Students explore technology systems and manufacturing processes; addresses the social and political consequences of technological change. Teamwork, problem-solving, stress analysis and truss design are part of the POE class. Students will have the opportunity for hands-on projects like bridge building, 3D modeling and printing as well as creating computer controlled machines. This course can be taken for honors credit. College credit is also available through St. Louis Community College – Florissant Valley.

Course No: 1007	DIGITAL ELECTRONICS - DE		McN
Grade Level:	11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Career & Technical Education		
Prerequisite:	1005 IED or 1006 POE or Instructor Approval		MSB

COURSE DESCRIPTION: This course in applied logic encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices. This course can be taken for honors credit. This course can be taken for honors credit. College credit is also available through St. Louis Community College – Florissant Valley.

Course No: 1008	CIVIL ENGINEERING AND ARCHITECTURE - CEA		McN
Grade Level:	11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 Career & Technical Education		
Prerequisite:	1005 IED and 1006 POE or Instructor Approval		MSB

COURSE DESCRIPTION: This overview of the fields of civil engineering and architecture emphasizes the inter-relationship and mutual dependence of both fields. Students use state-of-the-art software to solve real world problems and apply knowledge to hands-on projects and activities. By developing and implementing plans for a playground/park or vacation home for example, students experience firsthand the job responsibilities of architects and civil engineers. By the end of the course, students are able to give a complete presentation to the client including three-dimensional renderings of buildings and improvements, zoning and ordinance constraints, infrastructure requirements, and other essential project plans. This course can be taken for honors credit. This course can be taken for honors credit. College credit is also available through St. Louis Community College – Florissant Valley.

Course No: 1013	COMPUTER INTEGRATED MANUFACTURING (H)		McN
Grade Level:	11 12		
Length:	Semester (Fall Only)	Career Pathway: 	McC
Credit:	1.0 Career & Technical Education		
Prerequisite:	1005 Introduction to Engineering Design, 1006 Principles of Engineering, OR, 1007 Digital Electronics		MSB

COURSE DESCRIPTION: Computer Integrated Manufacturing will link manufacturing processes, computer aided manufacturing (CAM), and computer numerical control (CNC) to create a project. Students will learn about the history of manufacturing, different manufacturing processes, robotics and automation. This course will be offered as a dual enrollment course with St. Louis Community College at Florissant Valley in the Emerson Engineering Center.

Course No: 1014	ENGINEERING DESIGN AND DEVELOPMENT (H)		McN
Grade Level:	11 12		
Length:	Semester (Spring Only)	Career Pathway: 	McC
Credit:	1.0 Career & Technical Education		
Prerequisite:	1013 Computer Integrated Manufacturing		MSB

COURSE DESCRIPTION: In the Engineering Design and Development course students will utilize the knowledge gained from previous Project Lead the Way classes to find a solution to an open ended engineering problem. Students will be part of a team working through the design process to complete the assigned project. This course will be offered as a dual enrollment course with St. Louis Community College at Florissant Valley in the Emerson Engineering Center.

Course No: 1016	Computer Science Essentials		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathway: 	McC
Credit:	1.0 CTE		
Prerequisite:	None		MSB

COURSE DESCRIPTION: This course is an excellent entry point for new high school computer science learners. And, students who have prior computer science experiences will have the opportunity to expand upon those experiences in this course. All students who take this course will have many opportunities for creative expression and exploration in topics of personal interest, whether it be through app development, web design, or connecting computing with the real world.

Course No: 1041	MATERIALS AND PROCESSES		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		

COURSE DESCRIPTION: Students will explore the materials (i.e., woods, metals and plastics) used in manufacturing and construction. Processes that can be applied to these materials will also be studied. A special group production project will be an important part of the requirements for this class.

Course No: 1042	HOME MAINTENANCE		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		MSB

COURSE DESCRIPTION: Students will learn basic skills in maintaining a home. This includes techniques in construction, dry walling, plumbing, electric and other home repairs. Projects, such as wall construction, drywall and home wiring are included. Techniques to help maintain a home's energy efficiency and safety are also included in the course. This class is designed for any student that wants to own a home.

Course No: 1061	MECHANICAL DESIGN		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathway:	 McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	1001 Computer Aided Drafting		MSB

COURSE DESCRIPTION: In this course, students will focus on drawing machine parts and tools. Drawings will use geometric construction, auxiliary views, orthographic drawings, isometrics and sectioning views. Students will create parts in 3D and then create assemblies, working drawings and animations. Some parts can be exported to the 3D printer to create a working model of the parts designed.

Course No: 1062	ARCHITECTURAL DESIGN		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathway:	 McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	1001 Computer Aided Drafting		MSB

COURSE DESCRIPTION: Students will learn about the history of architectural styles, the basics of good floor plan design, wall sections, cross sections, plots, and elevations. Students will work on assignments related to all aspects of architectural design. Students are expected to complete a full set of plans for a single family residence. Both 2D and 3D drawings will be created using AutoCAD Architectural Desktop and Revit 3D programs.

Course No: 1066	WOOD TECHNOLOGY		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathway:	 McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	1041 Materials and Processes		

COURSE DESCRIPTION: Students will explore the various methods of producing consumer wood products. Machine and power hand tools will be used to construct furniture and accent pieces. Students are expected to complete a small project of their own design.

Course No: 1068	CARPENTRY I		McN
Grade Level:	11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	None		MSB

COURSE DESCRIPTION: Carpentry I is the fifth class of the Carpentry program. Students will learn about the different tools and materials used in residential construction. Students will cover the following topics: Construction systems, Construction Planning, Construction Safety (industry and safety standards forming concrete, floor framing, wall framing, roof framing and covering). Each student will be thoroughly tested on all types of machinery (hand held and stationary). Each student will pass a safety test with 100% accuracy.

Course No: 1069	CARPENTRY II		McN
Grade Level:	11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	1068 Carpentry I		MSB

COURSE DESCRIPTION: Carpentry II is the final course of the Carpentry program. Students will work on the following objectives: exterior finishes, interior finishes, basic electrical, basic plumbing, basic HVAC, and leadership skills. Upon completion of the Carpentry program, students will be given the Technical Skill Attainment test and the Pre-Apprentice Certification Training exam. This is a certification from the National Home Builders Association.

Course No: 1070	METAL TECHNOLOGY		McN
Grade Level:	9 10 11 12		
Length:	Semester	Career Pathway: 	McC
Credit:	0.5 Career & Technical Education		
Prerequisite:	1041 Materials and Processes		

COURSE DESCRIPTION: Metal Technologies is an in-depth study of the power machine tools used to produce consumer products in the metal working industry. Machining, well as hot metals are studied in Metal Technologies. Welding, casting, machining, and forging are some of the topics covered.

Course No: 1072 **TECHNOLOGIES**

McN

Grade Level: 9 10 11 12

Length: Semester

Career Pathways:  

Credit: 0.5 Career & Technical Education

Prerequisite: None

COURSE DESCRIPTION: Using modules, students will explore the technology of lasers, robotics, graphic design, CAC/CAM machines, residential construction, plumbing, wiring, precision measurement, bridge design, auto design, digital photography and welding. Students work with a partner or in a self-directed environment to complete each module. Reading skills should be at grade level.

Course No: 1076 **(H) DRAFTING STUDIO**

McN

Grade Level: 11 12

Length: Year

Career Pathways:  

Credit: 1.0 Career & Technical Education

Prerequisite: Instructor Approval

COURSE DESCRIPTION: Students will work on project drawings for contests at the state and national levels, concentrating on their field of choice. Work is equivalent to beginning college work, and college texts are used.



The PLTW Curriculum: How and Why it Works

All PLTW high school courses have several underlying content areas in common. As students progress through the sequence they will become proficient in:

- working as a contributing member of a team
- leading a team
- using appropriate written and/or visual mediums to communicate with a wide variety of audiences
- public speaking
- listening to the needs and ideas of others
- understanding the potential impact their ideas and products may have on society
- thinking
- problem solving
- managing time, resources and projects
- researching
- going beyond the classroom for answers
- data collection and analysis
- preparing for two and four-year college programs

PLTW's curriculum makes math and science relevant for students. By engaging in hands-on, real-world projects, students understand how the skills they are learning in the classroom can be applied in everyday life. This approach is called activities-based learning, project-based learning, and problem-based learning or APPB-learning.

Research shows that schools practicing APPB-learning experience an increase in student motivation, an increase in cooperative learning skills and higher-order thinking, and an improvement in student achievement.

Activities are a method of instruction that involves directed teaching of a particular process or procedure. Activities engage students in learning skills that are later applied in more complex situations. Activities lead students to higher levels of learning.

Project-based learning is a comprehensive approach to instruction that presents a project or relevant activity that enables students to synthesize knowledge and to individually resolve problems in a curricular context.

Problem-based learning is both a curriculum organizer and an instructional strategy that presents a problem, which is relevant and related to the context where students are the stakeholders. Students synthesize and construct knowledge to help them actively grapple with the complexities of the problem and develop strategies to direct their own learning. When students experience a problem in context, they are more likely to make connections and thus see the value in what they are learning.

World Language

Course Number	Course Title	Grade Level	Schools	Career Path	Credits Earned	Prerequisites Needed
0601	Spanish I	9 10 11 12	All	All	1.0 World Language	C average in English or 2.0 GPA
0602	Spanish II	9 10 11 12	All	All	1.0 World Language	Pass 0601 Spanish I
0603	(H) Spanish III	10 11 12	All	All	1.0 World Language	C or better in 0602 Recommended
0604	(H) Spanish IV	11 12	All	All	1.0 World Language	C or better in 0603 Recommended
0605 0606	(H) Spanish V (H) AP Spanish Language	11 12	All	All	1.0 World Language	C or better in 0604 Recommended
0611	French I	9 10 11 12	All	All	1.0 World Language	C average in English or 2.0 GPA
0612	French II	9 10 11 12	All	All	1.0 World Language	Pass 0611 French I
0613	(H) French III	10 11 12	All	All	1.0 World Language	C or better in 0612 Recommended
0614	(H) French IV	11 12	All	All	1.0 World Language	C or better in 0613 Recommended
0615	(H) French V	11 12	McN McC	All	1.0 World Language	C or better in 0614 Recommended

Note: A student may not progress to a second semester World Language course if he/she fails first semester. World Languages are sequentially taught and therefore, a student must pass one semester before moving to the next more advanced semester. There will be no Independent Study in World Language due to the importance of oral use of the language.

Course Descriptions

World Language Advanced Credit Program Agreement with the University of Missouri (Advanced Credit Program)

Students, if eligible, may be able to take French and Spanish III, IV, and V for University of Missouri credit. The Missouri Board of Higher Education has the following requirements for students taking these courses for college credit:

Grade	Requirements
Junior and Senior	3.0 unweighted GPA or 2.5 to 3.0 unweighted GPA with Parent and Principal signatures
Sophomore	3.0 unweighted GPA with Parent and Principal signatures

Course No: 0601	SPANISH I		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 World Language		MSB
Prerequisite:	C average in English or 2.0 GPA.		

COURSE DESCRIPTION: Spanish I introduces students to the basic structure of the Spanish language. Students will communicate about themselves, their surroundings, and the Spanish-speaking world by speaking, writing and reading. They will develop cultural awareness and understanding as they compare their culture with those of the Spanish-speaking world.

Course No: 0602	SPANISH II		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 World Language		MSB
Prerequisite:	Pass 0601 Spanish I.		

COURSE DESCRIPTION: Spanish II continues the study of the structure of the Spanish language. Students will communicate about themselves, their surroundings, and the Spanish-speaking world by speaking, writing, and reading. They will develop cultural awareness and understanding as they compare their culture with those of the Spanish-speaking world.

Course No: 0603	(H) SPANISH III		McN
Grade Level:	10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 World Language		MSB
Prerequisite:	C or better in 0602 Recommended		

COURSE DESCRIPTION: Spanish III continues the study of the structure of the Spanish language. Students will improve their communication skills and expand their knowledge of the culture through increased reading, writing, and oral use of the language. Students might be able to take Spanish III for Advanced Credit through the University of Missouri-St. Louis. See page 7 for advance credit entry requirements.

Course No: 0604	(H) SPANISH IV		McN
Grade Level:	11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 World Language		
Prerequisite:	C or better in 0603 Recommended.		MSB

COURSE DESCRIPTION: Students will continue to improve their skills in Spanish by studying more advanced grammatical structures. They will improve their communication skills and expand their knowledge of the culture through increased reading, writing, and oral use of the language. Students might be able to take Spanish IV for Advanced Credit through the University of Missouri-St. Louis. See page 7 for advanced credit entry requirements.

Course No: 0605 or 0606	(H) SPANISH V OR (H) AP SPANISH LANGUAGE		McN
Grade Level:	11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 World Language		
Prerequisite:	C or better in 0604 Recommended.		MSB

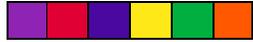
COURSE DESCRIPTION: Students will continue to improve their skills in Spanish by studying the history and culture of Spanish-speaking countries. A strong emphasis is placed on communication through extensive reading, writing, and use of the language in the classroom. Previously learned grammatical structures are reviewed, and more advanced structures are studied. Students might be able to take Spanish V for Advanced Credit through the University of Missouri-St. Louis. See page 7 for advanced credit entry requirements.

Course No: 0611	FRENCH I		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 World Language		
Prerequisite:	C average in English or 2.0 GPA.		MSB

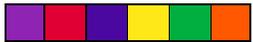
COURSE DESCRIPTION: French I introduces students to the basic structure of the French language. Students will communicate about themselves, their surroundings, and the French-speaking world by speaking, writing and reading. They will develop cultural awareness and understanding as they compare their culture with those of the French-speaking world.

Course No: 0612	FRENCH II		McN
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 World Language		
Prerequisite:	Pass 0611 French I.		MSB

COURSE DESCRIPTION: French II continues the study of the structure of the French language. Students will communicate about themselves, their surroundings, and the French-speaking world by speaking, writing, and reading. They will develop cultural awareness and understanding as they compare their culture with those of the French-speaking world.

Course No: 0613	(H) FRENCH III		McN
Grade Level:	10 11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 World Language		
Prerequisite:	C or better in 0612 Recommended.		MSB

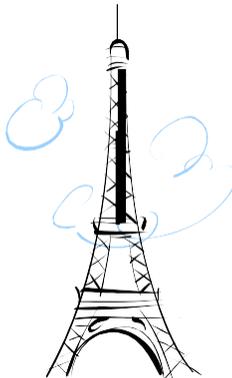
COURSE DESCRIPTION: French III continues the study of the structure of the French language. Students will improve their communication skills and expand their knowledge of the culture through increased reading, writing and oral use of the language. Students might be able to take French III for Advanced Credit through the University of Missouri-St. Louis. See page 7 for advanced credit entry requirements.

Course No: 0614	(H) FRENCH IV		McN
Grade Level:	11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 World Language		
Prerequisite:	C or better in 0613 Recommended.		MSB

COURSE DESCRIPTION: Students will continue to improve their skills in French by studying more advanced grammatical structures. They will improve their communication skills and expand their knowledge of the culture through increased reading, writing, and oral use of the language. Students might be able to take French IV for Advanced Credit through the University of Missouri- St. Louis. See page 7 for advanced credit entry requirements.

Course No: 0615	(H) FRENCH V		McN
Grade Level:	11 12		
Length:	Year	Career Pathways: 	McC
Credit:	1.0 World Language		
Prerequisite:	C or better in 0614 Recommended.		

COURSE DESCRIPTION: Students will continue to improve their skills in French by studying the history and culture of French-speaking countries. A strong emphasis is placed on communication through extensive reading, writing, and use of the language in the classroom. Previously learned grammatical structures are reviewed, and more advanced structures are studied. Students might be able to take French V for Advanced Credit through the University of Missouri-St. Louis. See page 7 for advanced credit entry requirements.



Other Courses

Course No:	9949 TEACHER AIDE/OFFICE AIDE 9950		McN
Grade Level:	11 12	Career Pathways:	
Length:	Semester		McC
Credit:	0.5 XSV Credit, Service Elective - (Credit/No Credit)		
Prerequisite:	None		MSB

COURSE DESCRIPTION: Students will assist teachers, office professionals, counselors, and administrators with day-to-day office-centered tasks.

GPA of 2.0 or greater, good attendance, and permission of the Principal's Office Professional in the Administrative Office (for Office Aide), or Department Chair (for Teacher's Aide).

NOTE: Only (1) combined credit of Office Aide and/or Teacher Aide may be earned during all four years of high school.

Course No:	9960 A+ TUTORING		McN
Grade Level:	11 12	Career Pathways:	
Length:	Semester		McC
Credit:	0 Credit		
Prerequisite:	Enrollment in A+ Program and A+ Coordinator Approval		
			MSB

COURSE DESCRIPTION: A+ students may do their hours of tutoring by enrolling in this non-credit, non-graded class. It will allow students, with parental permission, to be released to go to district tutoring opportunities. A packet will be given to students when they request the A+ Tutoring course. This packet will include copies of the tutoring application and A+ tutoring rules. Students must make their tutoring arrangements at this time. All copies are due as soon as possible after receipt so that the A+ Coordinator can sign the registration papers.

Course No:	1910 ACT PREP		McN
Grade Level:	10 11 12	Career Pathways:	
Length:	Semester		McC
Credit:	0.5 Elective		
Prerequisite:	None		MSB

COURSE DESCRIPTION: ACT Prep course provides students with applicable strategies and practice to improve scores on the ACT test. The skills learned are also applicable towards general test taking strategies and enhance college preparation for students. In this course, students will dissect tests, pinpoint skills necessary to score well, and train how to utilize those skills to improve their results and/or obtain a score that reflects their academic ability.

Students are required to take the official test during their enrollment in the course—December for first semester and April for second semester.

Course No:	1901-7 COMMUNITY LEARNING PROGRAM	McN
Grade Level:	12	
Length:	Semester	Career Pathways: 
Credit:	1.0 Elective	
Prerequisite:	Teacher Approval with Interview	

COURSE DESCRIPTION: The Community Learning Program (CLP) is a unique program that has been part of McClure North’s history almost forty years. Students learn about work through an unpaid job shadowing experience with local businesses and professionals. CLP meets for at least three periods a day and students are admitted into the program based on recommendations, attendance and an interview with the CLP teacher.

The program has two components that students must complete for credit. The first component is a career exploration class in which students investigate work and the state of Missouri’s career paths model. Students will research a variety of careers and the meaning of work. The second component is a chosen job shadow. Students request an area that they are interested in and a placement is attempted in that area. The job shadow allows for students to gain a greater insight and understanding of the responsibilities of that career field. Current and former CLP students have been placed into a wide variety of career fields. It is important to note that CLP students receive 1.0 credit per semester regardless if they have CLP for three or four periods. Students must provide their own transportation to and from the job shadow site.

CLP-AM 1901, 1902, 1903
CLP-PM 1904, 1905, 1906, 1907

Course No:	9961 JROTC - LET I	9963 JROTC - LET III	
	9962 JROTC - LET II	9964 JROTC - LET IV	
Grade Level:	9 10 11 12		
Length:	Year	Career Pathways: 	
Credit:	1.0 Elective		McC
Prerequisite:	Course 9961 none; Course 9962 fall and spring 9961 course; Course 9963 fall and spring 9961 & 9962 courses; 9964 fall and spring 9961, 9962 & 9963 courses.		

COURSE DESCRIPTION: These courses will be offered during the regular school day as part of our elective curriculum. Program content will include citizenship, leadership development, drill and ceremonies; hygiene and first aid; introduction to maps and map reading; techniques of oral communication; and optional programs in marksmanship and safety. Students must wear a JROTC uniform. Extra-curricular activities include: Armed and Unarmed Drill Teams, Color Guard, Cadet Challenge and Annual Summer Camp. Cadets MUST wear and maintain the Army JROTC uniform in accordance with Army Regulation 670-1 “Wear and Appearance of Army Uniforms and Insignia”.