

Park Hill School District

# High School Career and Education Planning Guide

2021-2022

Building Successful Futures • Each Student • Every Day



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## PARK HILL BOARD OF EDUCATION

From L to R: Janice Bolin (President), Todd Fane, Bart Klein (Vice President), Scott Monsees (Treasurer-term ends 7/15/2021), Susan Newburger, Kimberlee Ried (Treasurer-term effective 7/15/2021), Brandy Woodley



### VISION

Building Successful Futures • Each Student • Every Day

### MISSION

Through the expertise of a motivated staff, the Park Hill School District provides a meaningful education in a safe, caring environment to prepare each student for success in life.

### VALUES

Student Focus • Integrity • High Expectations  
Continuous Improvement • Visionary Leadership



### Park Hill School District Office

7703 Northwest Barry Road  
Kansas City, Missouri 64153  
816-359-4000



## Introduction

This High School Career and Education Planning Guide has been developed for the students and parents in the Park Hill School District to present important information about programs and courses offered at the high school campuses. Students and parents should be able to combine the information in the Career and Education Planning Guide with advice received from teachers, counselors, and administrators in order to make decisions about courses that will provide students with the education they need for their future plans. Students and parents are encouraged to utilize the High School Career and Education Planning Guide, which is located on each school website and on the Park Hill District Website under Parent Resources. [High School Career and Education Planning Guide](#)

We encourage parents and students to develop a four-year academic plan to guide them toward their post-graduation and career goals. It is important to select courses very carefully to fulfill that plan. Although this High School Career and Education Planning Guide has fairly definitive explanations of each course approved for offering in the PHSD high schools, questions often arise about course content or graduation requirements. Please address those questions to the high school counselors and principals. Faculty and staff are excited about the opportunities available for students in the Park Hill School District.



## Notice of Nondiscrimination

The Park Hill School District does not discriminate on the basis of race, color, national origin, age, sex or disability, in admission or access to, or treatment or employment in its programs and activities. Any person having inquiries concerning Park Hill's compliance with the regulations implementing Title VI & VII of the Civil Rights Act of 1964 (Title VI & VII), Title IX of the Education Amendments of 1972 (Title IX), Section 504 of the Rehabilitation Act of 1973 (Section 504), or Title II of the Americans with Disabilities Act of 1990 (ADA) may contact

Title VI, VII, IX Coordinator:

Assistant Superintendent for Human Resources

Section 504/ADA Coordinator: Director of Special Services or  
Assistant Superintendent for Human Resources

Office Address: Park Hill School District, 7703 NW Barry Road  
Kansas City, MO 64153

Phone Number: Voice/TDD - (816) 359-4000 or

Text Telephone - 1-800-735-2966

## High School Addresses and Phone Numbers



### PARK HILL HIGH SCHOOL

Principal: Dr. Brad Kincheloe  
7701 Northwest Barry Road  
Kansas City, Missouri 64153  
816-359-4110

<https://phhs.parkhill.k12.mo.us/>

### PARK HILL SOUTH HIGH SCHOOL

Principal: Dr. Kerrie Herren  
4500 Northwest River Park Drive  
Riverside, Missouri 64150  
816-359-4120

<https://phs.parkhill.k12.mo.us/>

### LEAD INNOVATION STUDIO

Principal: Dr. Ryan Stanley  
7201 North Line Creek Parkway  
Kansas City, Missouri 64151  
816-359-4130

<https://lead.parkhill.k12.mo.us/>

## Counseling Department

Counseling Department members are available to assist students and parents throughout the enrollment process. The counselors listed below reflect current school year 2021-2022 assignments. Counseling assignments for the 2022-2023 school year could change.

### PARK HILL HIGH SCHOOL • 816-359-4110

Counselor	Phone Number	Assigned (by student's last name)	Email Address
Darcy Lucas	359-5666	Grades 9-12 (A-Ce)	<a href="mailto:lucasd@parkhill.k12.mo.us">lucasd@parkhill.k12.mo.us</a>
Jamie Lisi	359-6656	Grades 9-12 (Ch-Gi)	<a href="mailto:lisij@parkhill.k12.mo.us">lisij@parkhill.k12.mo.us</a>
Amy Reeves Department Chair	359-6406	Grades 9-12 (Gj-K)	<a href="mailto:reevesa@parkhill.k12.mo.us">reevesa@parkhill.k12.mo.us</a>
David Mesh	359-6588	Grades 9-12 (L-O)	<a href="mailto:meshd@parkhill.k12.mo.us">meshd@parkhill.k12.mo.us</a>
Jane Smith	359-6401	Grades 9-12 (P-Sn)	<a href="mailto:smithj@parkhill.k12.mo.us">smithj@parkhill.k12.mo.us</a>
Julie Tuck	359-6411	Grades 9-12 (So-Z)	<a href="mailto:tuckj@parkhill.k12.mo.us">tuckj@parkhill.k12.mo.us</a>

### PARK HILL SOUTH HIGH SCHOOL • 816-359-4120

Counselor	Phone Number	Assigned (by student's last name)	Email Address
Angela Sharp	359-6570	Grades 9-12 (A-C)	<a href="mailto:sharpa@parkhill.k12.mo.us">sharpa@parkhill.k12.mo.us</a>
Jennifer Grossman	359-5622	Grades 9-12 (D-He)	<a href="mailto:grossmanj@parkhill.k12.mo.us">grossmanj@parkhill.k12.mo.us</a>
Andy Dale	359-6668	Grades 9-12 (Hf-Mc)	<a href="mailto:dalea@parkhill.k12.mo.us">dalea@parkhill.k12.mo.us</a>
Dana Combs	359-4122	Grades 9-12 (Md-Sa)	<a href="mailto:combsd@parkhill.k12.mo.us">combsd@parkhill.k12.mo.us</a>
Traci Dorrell Department Chair	359-5878	Grades 9-12 (Sb-Z)	<a href="mailto:dorrellt@parkhill.k12.mo.us">dorrellt@parkhill.k12.mo.us</a>

### LEAD INNOVATION STUDIO • 816-359-4130

Counselor	Phone Number	Assigned (by student's last name)	Email Address
Amanda Shanks	359-5874	Grades 9-12 (A-K)	<a href="mailto:shanksa@parkhill.k12.mo.us">shanksa@parkhill.k12.mo.us</a>
Rachel Colvin	359-6089	Grades 9-12 (L-Z)	<a href="mailto:colvinr@parkhill.k12.mo.us">colvinr@parkhill.k12.mo.us</a>

## Academic Letter

A Park Hill academic letter is awarded to every sophomore, junior, and senior who earned a 3.5 or better the previous year. In the fall, students and parents are invited to a recognition awards assembly to honor those students who attained an academic letter.

## Academic Support

Academic Support is an extension of the secondary program and is designed to provide educational support to a limited number of students who meet the criteria for placement. The role of the program is to serve students who demonstrate unsuccessful performance with traditional education requirements. Placement should only be considered after all less-restrictive educational options within the secondary program have been considered.

Academic Support (PHHS): An academic support designed primarily for ninth and tenth grade students who have failed or are currently failing two or more core required classes. Students are expected to work on missing assignments, current assignments, and any remediation work assigned by the academic support teacher.

Edgenuity (PHHS and PHS): This class is a computerized credit recovery program designed for tenth, eleventh, and twelfth grade students.

Guided Study (PHS): The purpose of this class is to provide students with instruction in effective study skills, help with time management, and assist students with core coursework through a time-managed study program one block each day.

AIT Tutorial (PHS): The purpose of the Academic Intervention Tutorial is to provide identified students with an academic mentor and evidence-based interventions during tutorial time to help students experience academic success in the classroom. (Not for credit.)

At-risk students may be referred for placement when they exhibit any of the following characteristics:

- Poor academic performance—consistent failing
- Lack of motivation
- Overall poor attitude toward school

## Schoology

Schoology is our district's Learning Management System (LMS). Schoology may be used by teachers to deliver course content, communicate with students, engage students in online learning activities, and share other resources.



# Advanced Placement and Dual Credit

It is highly recommended that college-bound students enroll in Advanced Placement and Dual Credit in order to prepare for their post-secondary education.

## ADVANCED PLACEMENT

Each high school in the Park Hill School District offers numerous Advanced Placement (AP) courses. AP courses provide students a rigorous college-level curriculum as defined by the College Entrance Examination Board. If students receive a qualifying grade on an AP exam given in May, they may be eligible for advanced placement or course credits at the vast majority of colleges and universities in the world. The amount of college credit available is determined by the college/university. Students enrolled in AP coursework are expected to sit for and make an effort on the corresponding AP Exam in May. Additionally, students who complete an AP course will have the course grade weighted. To assist students for preparation of the exams, AP teachers offer review sessions prior to testing. For students opting to take the exam, the College Board has an associated testing fee for each exam, and fee waivers may be available. For information on fee waiver eligibility or any information regarding Advanced Placement, students may access [www.collegeboard.com](http://www.collegeboard.com), contact their student's counselor, or the AP Coordinator.

## DUAL CREDIT

In cooperation with the Metropolitan Community College, Northwest Missouri State University and the University of Missouri-Kansas City, the Park Hill School District offers dual credit coursework. For certain courses taken for high school credit, students have an option to obtain college credit if eligible. The high school courses with possible dual-credit availability are indicated in the department listings and in the chart on the next page. Such dual credit offerings are contingent upon staff availability and student demand. To enroll for college credit, the Missouri Department of Higher Education has eligibility guidelines.

## DUAL CREDIT GUIDELINES FOR ACADEMIC AND OCCUPATIONAL PROGRAMS (MCC)

The Park Hill School District offers a unique opportunity for students who desire college credit courses through Metropolitan Community College (MCC) while earning high school credit. Such courses are called dual credit and are listed under **Tentative Dual Credit** courses. See department listings for course descriptions and prerequisites.

To be eligible to enroll in the MCC portion of a dual credit course, the student must:

1. Complete the MCC Free Application for Admission;
2. Complete the MCC Intent to Enroll Form;
3. Meet the MCC Student Eligibility Guidelines;\*
4. Pay tuition fees for college credit by the announced due date.

### MCC Student Eligibility Guidelines\*

Students who desire to enroll in dual credit courses must meet the eligibility requirements for enrolling in Metropolitan Community College courses as defined by the Missouri Department of Higher Education (MDHE) and MCC policies for all dual credit students:

- GPA Requirement:
  - Students in the 11th and 12th grades must have an overall minimum grade point average of 2.5 (on a 4.0 scale);
  - Students in the 10th grade must have an overall minimum grade point average of 3.0 (on a 4.0 scale);
  - Students in the 9th grade must have an overall minimum grade point average of 3.0 (on a 4.0 scale) and score at the 90th percentile or above on the ACT or SAT;
- Provide a signed letter of recommendation from the high school principal or guidance counselor and written permission from a parent or legal guardian on the enrollment form;
- Meet prerequisite requirements for any course;
- Meet the same requirements for placement into individual courses, (e.g., English or mathematics) as those required of on-campus students. MCC uses scores on nationally standardized placement tests (ACT & ACCUPLACER).

Andy Minor, Enrollment Manager  
Metropolitan Community College  
[Andy.minor@mccckc.edu](mailto:Andy.minor@mccckc.edu)  
816-604-1000  
[www.mccckc.edu](http://www.mccckc.edu)

## Tentative Dual Credit Courses

Content Area	Name of HS Course	College Course ID	College Awarding College Credit	Name of College Course	College Course Credits
English Language Arts	Composition and Reading	ENG101	MCC	Composition/Reading I	3
		ENG102		Composition/Reading II	3
English Language Arts	Speech	SPDR100	MCC	Fundamentals of Speech	3
Mathematics	College Algebra College Algebra B	MATH120	MCC	College Algebra	3
Science	AP Chemistry	CHEM111	MCC	General College Chemistry I	5
		CHEM112		General College Chemistry II	5
Science	AP Biology	BIO101	MCC	General Biology	5
Science	AP Environmental Science	BIO102	MCC	Biology Environmental Science	5
Social Studies	AP US History	HIST120	MCC	United States History to 1865	3
		HIST 121		United States History since 1865	3
Social Studies	AP Psychology	PSYCH140	MCC	General Psychology	3
Foreign Language	Spanish III	SPAN101	MCC	Elementary Spanish	5
		SPAN102		Spanish II	5
Foreign Language	Spanish IV	SPAN203	MCC	Intermediate Spanish	3
		SPAN204		Advanced Spanish Reading	3
Foreign Language	French III	FREN101	MCC	Elementary French	5
		FREN102		French II	5
Foreign Language	French IV	FREN203	MCC	Intermediate French	3
		FREN204		Advanced French Reading	3
Foreign Language	German III	GERM101	MCC	Elementary German	5
		GERM102		German II	5
Foreign Language	German IV	GERM203	MCC	Intermediate German	3
		GERM204		Advanced German Reading	3
Business/Technology	Marketing Concepts (face-to-face only)	BSAD205	MCC	Marketing	3
PLTW	Human Body Systems	BIO SCI 1943	MO S & T	Introduction to Human Anatomy and Physiology	3
PLTW	Principles of Biomedical Sciences	BIO SCI 1953	MO S & T	Introduction to Human Anatomy and Physiology II	3
Professional Studies	Aspiring Professionals	INCO 77297	NWMSU	Profession-Based Work Experience	1-3, depends on student internship hours
Professional Studies	Aspiring Professionals	INCO 77217	NWMSU	Profession-Based Essentials	1
Professional Studies	Aspiring Educators	EDCI 62211	NWMSU	Observation and Activity in Elementary School	1
Professional Studies	Aspiring Educators	EDCI 62111	NWMSU	Ecology of Teaching I	1

Professional Studies	Aspiring Educators	EDCI 62112	NWMSU	Developmental Foundations	1
Professional Studies	Aspiring Educators	EDCI 62113	NWMSU	Professional Learning Communities I	1
Professional Studies	Aspiring Educators	EDCI 62114	NWMSU	Intro to Curriculum & Instruction	1
Professional Studies	Aspiring Educators	EDCI 62115	NWMSU	Principles of Assessment	1
Professional Studies	Aspiring Educators	EDCI 62116	NWMSU	Professional Learning Communities II	1
Professional Studies	Aspiring Medical Professionals	HLSC 100 INCO 77297	MCC NWMSU	Introduction to Health Professions Profession-Based Work Experience	2 1
Northland CAPS	Digital Media and Design	MMED 20110	NWMSU	Fundamentals of Electronic Media Production	3
Northland CAPS	Engineering and Advanced Manufacturing Strand	MEC – ENGR 111	UMKC	Engineering Graphics	3
Northland CAPS	Global Business and Logistics	ENT 301	UMKC	Entrepreneurship Toolkit	3
Northland CAPS	Medicine and Healthcare	HLSC 101 HLSC 125	UMKC	Introduction to Health Science Medical Terminology	3 1
Northland CAPS	Medicine and Healthcare	HPER 22233	NWMSU	First Aid, CPR, Care of Sports Injuries	3
Northland CAPS	Senior Associates	INCO 77297	NWMSU	Profession-Based Work Experience	3
Northland CAPS	Technology Solutions	CSIS 44101	NWMSU	Foundations of Computing	3
Northland CAPS	All Northland CAPS students	INCO 77217	NWMSU	Profession-Based Essentials	1
Northland CAPS	All Northland CAPS Students 2 <sup>nd</sup> Semester or Returning Fall Students	INCO 77297	NWMSU	Profession-Based Work Experience	3



## AVID • “Advancement Via Individual Determination”

Advancement Via Individual Determination (AVID) is an elective course that prepares students for college readiness and success. It is scheduled during the regular school day as a yearlong course. Students make a commitment to participate in the program for four years. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by their AVID Elective teacher, tutor-facilitated study groups, motivational activities, and academic success skills. The course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study-groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note taking, and research.

In the Park Hill School District, AVID is offered at the middle and high school level to prepare students who are academically “in the middle” for success in applying for and completing four-year post-secondary education. It has a proven track record in bringing out the best in students and in closing the achievement gap. Almost all AVID students who participate for at least three years are accepted to college, with roughly three quarters getting into four-year universities. Students are accepted into the AVID program after a screening process that includes a review of academic and disciplinary records, teacher recommendations, personal interviews, and parent contacts. AVID participation is voluntary, and students sign a formal agreement to participate in all elements of the program. AVID students make the commitment to enroll in the most rigorous coursework available, as well as the AVID elective course. AVID helps ensure students possess the higher-level skills they need for college.

### **AVID I – 1 CR 090203207/090203208**

Grade(s): 9 • Prerequisite(s): Application Process

Course Description: Some students will have previous experience with AVID at the middle grades, and some students will be experiencing AVID for the first time. Either way, the ninth-grade AVID Elective course will serve as a review of the AVID philosophy and strategies. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams, while refining study skills and test-taking, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. Their college research will include financial topics and building their knowledge on colleges and careers of interest.

### **AVID II – 1 CR 100203208/100203209**

Grade(s): 10 • Prerequisite(s): AVID I

Course Description: During the tenth-grade AVID Elective course, students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase their rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. Students will expand their writing portfolio to include the following: analyzing prompts, supporting arguments and claims, character analysis, and detailed reflections. Students will also analyze various documents in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams and preparation. Text analysis will focus on specific strategies to

understand complex texts. Lastly, students will narrow down their colleges and careers of interest, based on personal interests and goals.

### **AVID III – 1 CR 110203207/110203208/110203209**

Grade(s): 11 • Prerequisite(s): AVID II

Course Description: The eleventh-grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.

### **AVID IV – 1 CR 120203207/120203208/120203209**

Grade(s): 12 • Prerequisite(s): AVID III

Course Description: The twelfth-grade AVID Elective course is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. This course continues around the theme of “Service Learning.” Students will complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies, and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in AVID, as well as complete the requirements for the seminar course.

# A+ Scholarship Program

The Missouri Department of Elementary and Secondary Education designated both Park Hill and Park Hill South High Schools as A+ Schools in 1999. Each fall, both high schools go through a re-designation process.

Park Hill A+ Coordinator	Park Hill South A+ Coordinator
Ellen Reys	Dr. Jill Owens
<a href="mailto:reys@parkhill.k12.mo.us">reys@parkhill.k12.mo.us</a>	<a href="mailto:owensj@parkhill.k12.mo.us">owensj@parkhill.k12.mo.us</a>
(816) 359-6734	(816) 359-6043
<a href="#">A+ Scholarship Program PHHS</a>	<a href="#">A+ Scholarship Program PHS</a>

## A+ Financial Benefits

Students who meet the A+ requirements will be eligible for two years reimbursed tuition and general activity fees at any Missouri community college, vocational or technical school. This funding is based on yearly allotments made by the state legislature. Many Missouri 4-year universities offer scholarships based upon A+ criteria as well. Dual credit reimbursement may be available in future years pending additional allocation of funds from the MO General Assembly and the creation of an implementation plan from the Missouri Department of Higher Education & Workforce Development (DHEWD).

## A+ Requirements

As long as state funds remain available, students who have met the following requirements upon graduation will receive financial benefits.

- ✓ Signed A+ Letter of Intent
- ✓ 2.5 Unweighted Grade Point Average (over 4 years)
- ✓ 95% Attendance (average over 4 years)\*
- ✓ Score Proficient or Advanced on the Algebra I EOC exam
- ✓ 50 Hours of mentoring or tutoring (over 4 years)
- ✓ Good Citizenship outlined in Park Hill School District Policy JG in Student/Parent Handbook-see A+ Citizenship Regulation (over 4 years)
- ✓ Two years of attendance at an A+ High School ending with graduation
- ✓ Completion of a Free Application for Federal Student Aid (FAFSA) prior to becoming eligible for the A+ Financial Reimbursement
- ✓ Registration for Selective Service (males) upon 18th birthday

\*With the exception of field trips and homebound stays, all absences count against a student's attendance percentage.

Upon graduation, A+ certified students must enroll and attend on a full-time basis, a Missouri public community college, vocational or technical school, while maintaining a GPA of 2.5.

## A+ Mentoring & Tutoring (M&T) Hours

All students seeking A+ certification must complete 50 hours of unpaid mentoring/tutoring that begins with an M&T Training Workshop. These sessions are scheduled throughout the school year and students are required to sign up in advance. Students review the background of the program, the responsibilities assumed by each A+ student, and the opportunities available to earn the hours at district elementary, middle and high school sites. All activities must be sponsored by the school district, take place on school district property and be supervised by school district patrons or personnel. Additionally, A+ hours must be earned by mentoring or tutoring students who are younger in age or ability and be unpaid. Prior approval by the A+ Coordinator is required.

## A+ Professional Studies Eligibility Chart Professional Studies Courses

Aspiring Professionals	12.5 hours total as job shadow
Aspiring Medical Professionals	
Aspiring Educators	50 hours
Park Hill Child Growth and Development	20 hours
Northland CAPS	12.5 hours total as job shadow
NCC Teaching Services	*Students log all hours (all hours count toward A+)

## Missouri Option Program

The Missouri Option Program is designed to support students who have the capabilities to complete Missouri high school graduation requirements, but for a variety of reasons lack the credits needed to graduate with their class and are at risk of leaving school without a high school diploma. This program allows students to stay in school, to participate in meaningful classes and support services while preparing to take the HiSET test, The *Missouri High School Equivalency Exam*, and to earn a high school diploma. (Note: The HiSET test replaced the GED Test in January 2014.)

Eligible students must meet the following criteria:

- Be at least 17 years old and at least one year behind their cohort class in earning credits required for graduation, or for other significant reasons are unable to complete their diploma with their cohort group.
- Attend 15 hours weekly of HiSET preparation at PHS/PHHS/LEAD.
- Also enroll in other school-supervised instructional activities (Career Education courses, elective courses, volunteer experiences, work experiences, etc.) that lead to the student's classification by the school district as a full-time student.
- Pass a course in Civics or Government and pass a test on the provisions and principles of the US and MO Constitutions.
- Pass a half-credit course in Personal Finance and a half-credit in Health Education.
- Participate in postsecondary and occupational exploration activities.
- Take and pass the *Missouri High School Equivalency Exam*.

Upon successful completion of the program, students are awarded a high school diploma. The Missouri Option Program will not be used to circumvent compulsory attendance regulations or to facilitate an early exit.

## The Block Schedule

Park Hill high schools are scheduled using a 4x4 Block Schedule. The school year is divided into two terms, and the school day is divided into four instructional blocks and a tutorial/homeroom period. Students may be assigned to term or split-block classes, depending on the content area and offerings available. Term classes meet every day for one semester. Split-block classes meet every other day for the entire school year. If you have questions about how the block schedule works for your high school student, please see your child's counselor for more information.

## Grade Cards

A grade in progress is given to students during the first 4.5, 9, and 13.5 weeks of a term during both split block and term courses. Term courses give a **final grade** and **1 full credit** at the end of the 18-week term. Split block courses give a **final grade** and **½ credit** at the end of the 18-week term, and a **final grade** and another **½ credit** at the end of term two.

For Health and Personal Finance, a grade in progress is given during the first 4.5 weeks of the course and a **final ½ credit** is given at the end of the 9-week course.

## Grade Point Averages

The student's grade point average is computed each term at the end of 18 weeks. All courses are included in the term grade point average. The following scale is used to calculate this figure:

A = 4 points      B = 3 points      C = 2 points  
D = 1 point      F = 0 points

## National Honor Society Application Process

National Honor Society is a service organization. Applications are made available following the close of the first term. Members are selected by meeting eligibility requirements. The applicant must demonstrate the qualities of scholarship, service, leadership and character through school and community activities.

To be eligible for NHS students must minimally:

1. Be a fifth semester junior or a seventh semester senior.
2. Have a minimum cumulative 3.5 grade point average.
3. Have been active in 2 school sponsored clubs, teams, or organizations in grades 10-12 with evidence of leadership and active involvement (Students will need to obtain a signature from the coach or sponsor.).
4. Have participated in community service projects.
5. Complete the Student Activity and Service Information Form indicating school organization involvement.
6. Have a satisfactory faculty evaluation of character.

Sophomores are strongly advised to consider their active participation in school and community functions and organizations if their goal is to gain membership in this prestigious organization. Questions regarding NHS should be directed to the school adviser.

# Naviance

Naviance serves as a college and career readiness platform that helps students connect their academic achievement to post-secondary goals. The path to college and career readiness begins with self-discovery. Students and parents will have access to this career and college readiness tool through the application portal or by clicking one of these links to log in: [Naviance Student \(PHS\)](#) or [Naviance Student \(PHHS\)](#). Through self-discovery and collaboration with parents, teachers, and school counselors, Naviance enables students to find college and career pathways that are right for them. Naviance helps students explore their strengths and areas of interest and matches those skills with college and career options. Students start their career and college exploration by:

- Transcripts
- Setting personalized goals
- Assessing personal strengths
- Exploring career options based on interests
- Searching for colleges
- Applying for scholarships
- Developing personal plans of study

Naviance helps students plan a course of action to reach their goals, find resources to prepare academically, and discover their own path.

Naviance also includes Naviance Test Prep for the ACT to prepare students for the ACT® assessment. Naviance Test Prep covers all of the concepts and skills tested on the ACT, including the essay. Additionally, Naviance Test Prep for the ACT includes lessons, quizzes, diagnostic tests, and a full-length online practice ACT test.

## NCAA Eligibility Center – Quick Reference Guide Divisions I and II Initial-Eligibility Requirements

### Core Courses

- NCAA Division I and Division II require 16 core courses. See the charts below.
- **NCAA Division I will require 10 core courses** to be completed **prior to the seventh semester** (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become “locked in” at the seventh semester and cannot be retaken for grade improvement.
- *Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to receive athletic aid and practice with the team if he or she fails to meet the 10 course requirement, but the athlete would not be able to compete.*

### Test Scores

- Division I and II use a sliding scale to match test scores and core grade point averages (GPA).
- 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 score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science reasoning.
- **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 high school transcripts will not be used.**

### Grade-Point Average

- **Be sure** to look at your high school’s list of NCAA Courses on the NCAA Eligibility Center’s website: [www.eligibilitycenter.org](http://www.eligibilitycenter.org). Only courses that appear on your school’s list of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- **Division I** students enrolling full time **before August 1, 2021**, should use the website above to determine eligibility to receive athletic aid, practice and to compete during the first year.
- **Division I** GPA required to receive athletics aid and participate in practice on or after **August 1, 2021**, is 2.000 (corresponding test-score requirements are listed at the website above).
- **Division I** GPA required to be eligible for competition on or after **August 1, 2021**, is 2.300 (corresponding test-score requirements are listed at the website above).
- **Division II** core GPA requirement to receive athletics aid and participate in practice is a minimum of 2.000.
- **Division II** core GPA requirement to be eligible for competition is 2.200.
- **Remember**, the NCAA GPA is calculated using NCAA core courses only.



# NCAA Eligibility Center – Quick Reference Guide

## Divisions I and II Initial-Eligibility Requirements - continued

DIVISION I (16 Core Courses)	DIVISION II (16 Core Courses)
4 years of English	3 years of English
3 years of math (Algebra I or higher)	2 years of math (Algebra I or higher)
2 years of natural/physical science (1 year of lab if offered by high school)	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	3 years of additional English, mathematics or natural/ physical science
2 years of social science	2 years of social science
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)	4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

To view the Division I Sliding Scale, visit [www.eligibilitycenter.org](http://www.eligibilitycenter.org) and enter as an NCAA College-Bound Student-Athlete. Then, click the "Resources" tab, then "U.S. Students." You will be prompted to register for a new account or login to your existing account.

### CHECKLIST FOR THE COLLEGE-BOUND STUDENT-ATHLETE

9<sup>th</sup> Grade:

- ✓ Ask high school counselor for list of high school's core courses.

10<sup>th</sup> Grade:

- ✓ Register at [www.eligibilitycenter.org](http://www.eligibilitycenter.org).
- ✓ Request counselor send official transcript to the NCAA Eligibility Center after four semesters of high school. This must be done for all high schools attended.

11<sup>th</sup> Grade:

- ✓ 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 with your class and have the required number of core courses.

12<sup>th</sup> Grade:

- ✓ Request final amateurism certification during your senior year (beginning April 1).
- ✓ Request your final transcript be sent with proof of graduation.

For a complete list of NCAA Courses visit [www.eligibilitycenter.org](http://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.



## Online Learning

Park Hill School District offers high school students a multitude of online courses in order to serve a variety of student scheduling needs and prepare students for learning beyond high school. Our online courses are aligned with Park Hill School District's vision for student learning and strive to provide a community of learners within the digital learning space. All courses are facilitated by Park Hill School District teachers. Students are encouraged to discuss the available options with his or her counselor during open enrollment.

An online course is a course where most of the instruction takes place online. Students are required to attend several face-to-face meetings with the instructor. The amount of face-to-face time will vary based on the course and the schedule for those meetings will be communicated by the instructor at the beginning of the semester. All online courses are taught by certified teachers and meet the same national, state and district standards as other Park Hill course offerings. During the course, teachers communicate with students using Park Hill student email, phone, collaborative tools within the course management system and in person. Enrollment is handled by the counselors and placed on student schedules as all other courses within the district. Transportation is the responsibility of the student or parent.

Students enrolled in an online course need access to an internet connection. When a student needs specific software to complete course work, the district provides access to programs through Citrix. Students with limited access to the internet may be scheduled in a lab setting to work on course requirements. Students are responsible for their own transportation should they take a course remotely.

Online course icon:



Students enrolled in an online course need access to an internet connection. When a student needs specific software to complete course work, the district provides access to programs through Citrix. Students with limited access to the internet may be scheduled in a lab setting to work on course requirements. Students are responsible for their own transportation should they take a course remotely.

## MOCAP Online Learning

Eligible Missouri students may request enrollment in online courses through the Missouri Course Access Program (MOCAP) offered through the Missouri Department of Elementary and Secondary Education (DESE) during the regular school enrollment window. These courses are offered by outside providers and facilitated outside of the Park Hill School District. More information regarding MOCAP can be found on the district website [in our footer under Resources](#).

## Infinite Campus Parent Portal

The Infinite Campus Parent Portal is an internet-based student information system designed to assist in communication between home and school. The Portal gives parents, guardians and students access to important student information such as grades, schedules, attendance and announcements in real time. It also allows parents/guardians to view their household contact information and student emergency contacts, and they can request updates to this information directly from the Portal.

Each parent/guardian and student have his/her own account. For parents and guardians, this single account allows for viewing of information for all students in the household. If a parent needs to set up their Parent Portal account for the first time, they will need an activation key from the student's building office staff. Once they have this key, they will create their own username and password. Students log on to the Portal using the same credentials they use to log on to the computer. [Infinite Campus Parent Portal](#)

## Planning for Post-Secondary Success

The Career and Education Planning Guide has been compiled to assist students in making decisions related to academic planning and preparation for their career path. It is intended to be a source of information when making course selections for the upcoming school year. The listed courses represent offerings from all academic departments plus career and technical education. Parents/guardians and students should understand that all courses listed in the Career and Education Planning Guide are available provided sufficient demand exists. Courses are also contingent upon staff availability.

The Counseling Department will assist students with career exploration and educational planning through utilizing the Naviance program. Counselors will help students create an Individual Career and Academic Plan (ICAP) to serve as a guide for determining which courses students should select during enrollment. Students should also consult parents/guardians and teachers when choosing courses.

The Career and Education Planning Guide is updated annually to reflect the district curriculum at the high school level. **The graduation requirements are listed below:**

Classes of 2020 & Beyond	
English Language Arts (prescribed)	4
Social Studies (prescribed)	3
Science	3 (Bio & Chem req)
Mathematics	3 (Algebra II min)
Physical Education	1
Fine Arts	1
Practical Arts	1
Health	0.5
Personal Finance	0.5
Electives	11
<b>Total</b>	<b>28</b>

## Prerequisites

Certain courses have prerequisites that must be fulfilled for a student to enroll properly. The prerequisite courses offer skills that must be mastered in order to be successful in subsequent courses. A prerequisite is considered met when a student has achieved a grade of "D" or better in the prerequisite course, however students who have earned a "D" in a prerequisite course will likely experience great difficulty in successfully completing the subsequent course work.

## Recommended Courses of Study

Various departments at Park Hill have recommended courses of study. These recommendations provide guidance to the vast majority of Park Hill students. There may be special situations or circumstances that would suggest deviations from those recommendations. Students, parents, and staff should exercise care and prudence when deviating from those recommendations. If a student believes his/her best interest will be served by varying from the recommended courses of study, he/she should consult his/her parents and counselor.

The following guidelines apply to graduation from the Park Hill School District:

1. The State of Missouri requires all students to pass the U.S. and Missouri Constitution tests before graduation. Students are given this test in Constitutional Government/Economics.
2. Credit may be earned and counted toward high school graduation requirements through (a) extension and correspondence courses from accredited public institutions of higher education, (b) summer school from approved public institutions, or (c) school-approved adult education courses.
3. Credit for off-campus instruction under the guidance and direction of the school faculty may be granted for programs approved by the State Department of Education.
4. When transfer students are unable to meet Park Hill graduation requirements, exceptions may be made which will permit them to graduate if (a) they have done satisfactory work since the date of transfer; (b) they have been unable to meet specific requirements due to conditions beyond their control; and (c) they would have graduated from the former school had they not transferred.

## Schedule Change Policy

A student's schedule will be changed for the following reasons:

1. **COMPUTER ERROR** - If the course number has been incorrectly placed in the computer, the enrollment worksheet will serve as a reference for substituting the correct course.
2. **PREREQUISITE COURSES NOT MET** - Many courses require a prerequisite. If a student has not met the necessary prerequisite, a new course will be substituted.
3. **DUPLICATE CREDIT** - A student may not receive credit for a course twice. A course change will be made if the student has registered for a course for which they already have credit. See course description for exceptions.
4. **INCREASE RIGOR IN SCHEDULE** - A student requesting a change to a more rigorous core area course will be readily accepted provided space is available.

Students should carefully consider course selections for the next school year. Student course requests provide input for creating the master schedule and determining teacher assignments. Avoiding class overloads and maintaining class balances are of primary importance once the master schedule has been established. The schedule change policy above will be strictly enforced.

## Summer School Program

The Park Hill School District offers high school summer school each summer. Courses will be offered pending sufficient enrollment and funding in summer school for 2021. Summer School dates and hours will be announced prior to enrollment.

## Valedictorian Selection

The student who has earned the highest grade point average (GPA) using the weighted grade scale, completed the minimum required number of Carnegie Units/credits\*, and completed the requirements for graduation will be honored as Valedictorian. For the purposes of determining the class valedictorian only, the district will not include non-weighted summer, correspondence, or Park Hill School District courses taken beyond the regular school day, in a student's grade point average for class rank purposes if the student received an "A" in the course and if including the course will negatively impact the student's selection as valedictorian. If a tie exists between two or more individuals earning the highest GPA, all students with that average will be declared to be Valedictorians. Students graduating early are not eligible for Valedictorian. NOTE: Any student receiving the designation of "R" on his or her transcript will be removed from consideration for Valedictorian status. Please see the Parent/Student Handbook for more information about calculating weighted grades.

*\*Special consideration may be given to transfer students who have maintained a full schedule throughout their high school career but may not have the minimum required number of Carnegie Units/credits due to credits available from their sending school.*



# HIGH SCHOOL COURSE OFFERINGS

The course descriptions that follow represent a summary of each class offered at the high school level. The descriptions do not list all topics and/or activities associated with each class.

For a detailed view of all course curriculum, visit the Park Hill website  
→ Teaching and Learning → Middle- and High-School Curriculum.

[Middle and High School Curriculum](#)



# High School Business/Technology Courses

The objectives of the Business/Technology Department are to encourage students to develop marketable skills and to gain business knowledge for personal or business application. The courses are developed to enable students to seek employment immediately after graduation, to provide a background for college-bound students, and to gain a general understanding of the business world for personal use.

The computer and other electronic aids to information processing are increasingly a part of American life. Gaining mastery over technology is important to live in a technologically oriented society. Computer courses are designed to promote 1) solving problems toward academics and work; 2) contributing to the concepts of building upon the work of others; 3) communicating with others about understanding; 4) solving problems, and correcting one's errors through logical, step-by-step processes.

Each course meets the state requirement and Park Hill graduation requirement of **1 full unit of practical art credit**.

## **REQUIRED:**

### **PERSONAL FINANCE – 1/2 CR**

Grade(s): 10, 11, 12

Prerequisite(s): None

Face to Face: 090201300

Online: 090201302

Course Description: This curriculum presents essential knowledge and skills to help students make informed decisions about real world financial issues. Students will learn to make educated spending, saving, and credit decisions, and to make effective use of income to achieve personal financial success.

\*This course is coupled with **Health – 1/2 CR 091800200 10, 11, 12** for a full semester schedule.

## **ELECTIVES:**

### **INTRODUCTION TO BUSINESS – 1 CR 090201400**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: This course provides opportunities to learn and experience a variety of topics in the field of business. Students are exposed to various economies, their roles in our economy, entrepreneurship, marketing, managing financial and technological resources, and the use of social media. Course activities involve students in writing, investigating, problem-solving, demonstrating, and reporting. Students will also utilize an online learning environment, provided through Schoology.

### **BUSINESS FINANCE – 1 CR 090211400**

Grade(s): 10, 11, 12

Prerequisite(s): None

Course Description: Have you wondered how businesses handle and raise money? By incorporating critical thinking and problem-solving skills, class participants will explore both individual and business money management issues. Students will gain knowledge of business management, business law, accounting, and investment. This course will examine how businesses raise the capital they need to start and sustain their organization, learn how to fiscally manage risks, and understand how to gain investors.

### **INNOVATE. REAL. ENTREPRENEURSHIP. – 1 CR 090221400**

Grade(s): 10, 11, 12

Prerequisite(s): None

Course Description: This course is not just for students interested in business. This is a course for designers, engineers, techies, writers, and all students interested in excelling in the 21<sup>st</sup> Century. This requires an entrepreneurial mindset, a mindset capable of critical thinking and problem solving in a fast-paced professional setting. Class participants will build a basic knowledge of various entrepreneurial ventures, from creating a profitable business to constructing non-profit projects that combat social justice issues. Through field experiences and real-world projects, students will be exposed to different types of innovative entrepreneurial concepts, such as design thinking, rapid prototyping, and team building. Students will also be challenged to identify and develop their personal professional strengths along with their innovative spirit.



# High School Business/Technology Courses - continued

## MARKETING CONCEPTS – 1 CR

Grade(s): 10, 11, 12

Face-to-Face: 090203100

Online: 090203102

Prerequisite(s): None

Optional: Tentative College Credit for Face-to-Face Class – See Dual Credit section

Course Description: This is an introductory marketing class designed for business-minded students interested in knowing the secrets to business success. This course will provide a basic understanding of the fundamental marketing process with an emphasis toward competing in a free enterprise system. Major components consist of marketing principles, product development, pricing, channel management, and sales promotion. The co-curricular organization DECA is an opportunity for students interested in challenging their newly acquired business skills. This organization offers many benefits and exciting activities for marketing students, including competitions, awards, scholarships, job opportunities, and travel. \*Participation in DECA is available and encouraged.



contributes to the development of the competencies necessary for successful employment in the field of marketing. The student must be concurrently enrolled in a marketing course to be accepted into the program. \*Students can take this course for 2 credits each term for up to 4 credits. \*Participation in DECA is available and encouraged.

## MARKETING INTERNSHIP EARLY RELEASE WORK PROGRAM POLICY FOR INTERNSHIP

1. Students must be working and have a career goal that fits into marketing training.
2. Students must be of SENIOR status and on track to graduate during the current year.
3. Students must have teacher, parent, counselor, and administrator approval.
4. Students must maintain good attendance in ALL classes according to school policy.

## RULES FOR INTERNSHIP PROGRAM

1. Work release may be taken during 3<sup>rd</sup> and/or 4<sup>th</sup> blocks for a maximum of 2.0 credits per term.
2. Students must be concurrently enrolled in two courses in addition to the internship, one of which needs to be a Marketing course.
3. Students will be allowed on school grounds only during the class time in which they are enrolled. A six-minute allowance will be made for internship students to leave the building.
4. Students are responsible for their own transportation from school (even during inclement weather).

## SPORTS AND ENTERTAINMENT MARKETING – 1 CR

**09204200**

Grade(s): 10, 11, 12

Prerequisite(s): None

Course Description: Sports and Entertainment Marketing focuses on marketing and management functions/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. The co-curricular organization DECA is an opportunity for students interested in challenging their newly acquired business skills. This organization offers many benefits and exciting activities for marketing students, including competitions, awards, scholarships, job opportunities, and travel. \*Participation in DECA is available and encouraged.

## MARKETING EDUCATION INTERNSHIP – 1 CR/2 CR

**090201200**

Grade(s): 12

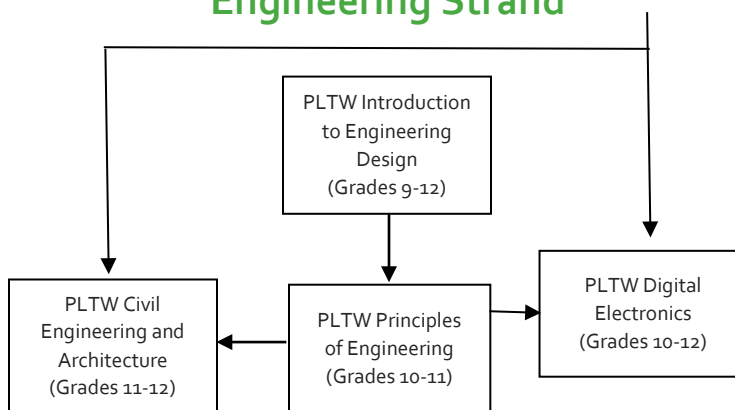
Prerequisite(s): Instructor approval required. Concurrently enrolled in Marketing Concepts or Sports and Entertainment Marketing. Must have own transportation.

Course Description: Supervised Marketing Employment, also known as Marketing Internship, is a unique program that combines classroom instruction, cooperative work experience, and student activities in DECA. The program is structured to include all three integral components to teach the core curriculum in the context of real-life experiences, and to provide the opportunity for students to grow both professionally and personally. Students are placed in employment that directly



# High School Engineering Courses

## Engineering Strand



### **Project Lead the Way (PLTW)**

The Park Hill School District offers Project Lead the Way (PLTW) at both of the high schools. PLTW is a four-year sequence of courses which, when combined with traditional mathematics and science courses in high school, introduces students to the scope, rigor, and discipline of engineering prior to entering college.

Students planning to pursue engineering or engineering-related fields in two- and four-year programs after high school are encouraged to consider PLTW courses in addition to rigorous math and science courses. Each course meets the state requirement and Park Hill graduation requirement of **1 full unit of practical art credit.**

### **PLTW INTRO TO ENGINEERING DESIGN – 1 CR 091300400**

Grade(s): 9, 10, 11, 12

Prerequisite(s): Algebra IA

Course Description: Students use a problem-solving model to improve existing products and invent new ones, and they apply this model to solve problems in and out of the classroom. Using sophisticated three-dimensional modeling software, students communicate the details of products. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

### **PLTW DIGITAL ELECTRONICS – 1 CR 091300900**

Grade(s): 10, 11, 12

Prerequisite(s): College Algebra or College Algebra B or Accelerated Algebra II

Course Description: This course covers fundamentals of analog and digital electronics. Students learn about the different number systems used in the design of digital circuitry. They design circuits to solve open-ended problems, assemble their solutions and trouble-shoot them as necessary. Students then use combined logic, integrated circuits and microprocessors to solve open-ended problems.

### **PLTW PRINCIPLES OF ENGINEERING – 1 CR 091300500**

Grade(s): 10, 11, 12

Prerequisite(s): Geometry and PLTW Intro to Engineering Design

Course Description: This introductory course explores the wide variety of careers in engineering and technology and covers various technology systems and manufacturing processes. Using activities, projects and problems, students learn firsthand how engineers and technicians use math, science, and technology in an engineering problem-solving process to benefit people. The course also addresses concerns about social and political consequences of technological change.

### **PLTW CIVIL ENGINEERING AND ARCHITECTURE – 1 CR 091300800**

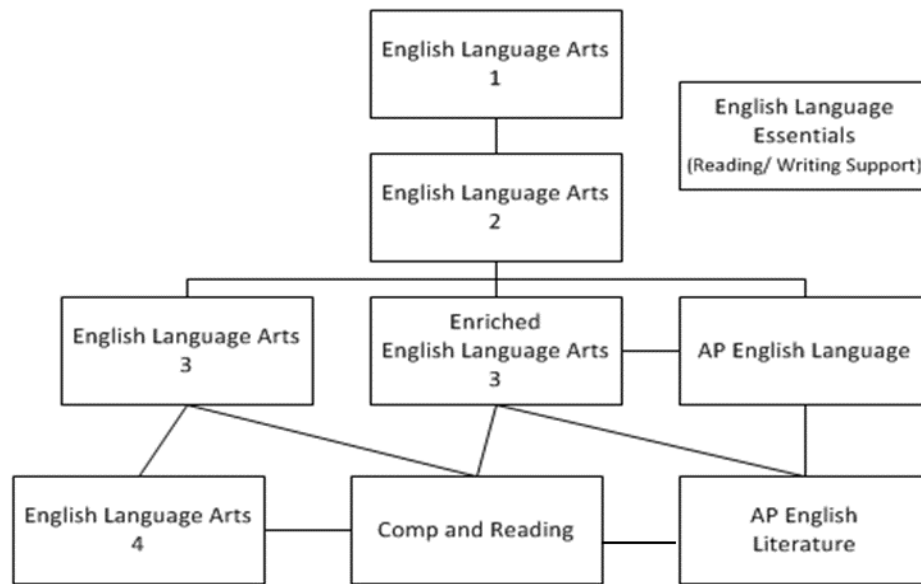
Grade(s): 11, 12

Prerequisite(s): Algebra II

Course Description: This course involves a long-term project that develops a local property site. As students learn the various aspects of civil engineering and architecture, they apply what they learn to the design and development of this property. It gives all students a variety of experiences that provide an overview of both fields. Students work in teams, exploring hands-on projects and activities to learn the characteristics of civil engineering and architecture.



# High School English Language Arts Courses



The English Language Arts Department offers courses in reading, writing, listening, and speaking. Enrichment opportunities are available for students during the English Language Arts 3 course offerings.

Students are required to earn FOUR credits in English Language Arts for high school graduation. If a student fails a required course, the course must be retaken and passed in order to receive credit for that level. Seniors are required to be enrolled in an English Language Arts class from the required course of study.

## REQUIRED COURSE OF STUDY

- ENGLISH LANGUAGE ARTS 1
- ENGLISH LANGUAGE ARTS 2
- ENGLISH LANGUAGE ARTS 3 OR ENRICHED ENGLISH LANGUAGE ARTS 3 OR AP ENGLISH LANGUAGE
- ENGLISH LANGUAGE ARTS 4 OR COMPOSITION AND READING OR AP ENGLISH LANGUAGE OR AP ENGLISH LITERATURE OR AP RESEARCH (AT PHHS ONLY)

## ENGLISH LANGUAGE ESSENTIALS – 1 CR 091100601

Grade(s): 9, 10

Prerequisite(s): Must meet established criteria for eligibility

Course Description: This secondary reading program identifies struggling readers based on their NWEA RIT score and provides interventions through a pull-out Essentials course or RtI interventions to improve reading ability. Students enrolled in Essentials are two years or more behind their reading grade level, which is about 5% of the total school population. Middle school students can test out of Essentials once they improve their RIT scores. High School students receive a credit and grade for Essentials and are limited to two credits of this elective course during their freshmen and sophomore years. The program serves an additional 5-10% of building populations, 0-2 years behind reading grade level, within their RtI process.

## ENGLISH LANGUAGE ARTS 1 – 1 CR 090501200

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: English Language Arts 1 both develops and deepens student skills in English Language Arts. As the

beginning course in the English Language Arts curriculum for college and career readiness, this course promotes rigorous study in the areas of reading, writing, speaking, listening, and critical thinking. Skills and concepts taught in this course will help students use language purposefully as they comprehend, construct, and convey meaning in all other English Language Arts courses.

## ENGLISH LANGUAGE ARTS 2 – 1 CR 090500100

Grade(s): 10, 11, 12

Prerequisite(s): English Language Arts 1

Course Description: English Language Arts 2 broadens and deepens student skills in communication arts. The course builds on the foundation from English Language Arts 1 promotes study in the area of reading, writing, speaking, listening, and critical thinking. Skills and concepts taught in this course will help students use language purposefully as they comprehend, construct, and convey meaning.

# High School English Language Arts Courses - continued

## ENGLISH LANGUAGE ARTS 3 – 1 CR 090500200

Grade(s): 11

Prerequisite(s): English Language Arts 2

Course Description: This course is designed to meet the needs of students who are ready to meet the challenges of an intensified study of literature, coupled with a variety of writing opportunities. The course is focused on the concepts of Author's Craft, Argumentation, Theme and Perspective, and Close Reading. Reading selections span from early American writers to contemporary authors, while the writing and oral presentations are designed to develop the student's critical thinking skills and ability to use the text to support interpretation.

## ENRICHED ENGLISH LANGUAGE ARTS 3 – 1 CR

Grade(s): 11

Face-to-Face: 090501100

Online: 090501102

Prerequisite(s): English Language Arts 2

Course Description: Enriched English Language Arts 3 is designed to meet the needs of students who are ready to meet the challenges of an intensified study of literature, coupled with a variety of writing opportunities. The course content, chronologically arranged, begins with early American writers and concludes with a study of twentieth century authors and their contributions to literature. The literary selections are ones originally written for an adult reading public. The writing and oral presentations are designed to develop the student's critical thinking skills and ability to use the text to support interpretation. Some personal response and creative writing may be included; however, the emphasis is on analysis of literature, as is the research component. This class, intended as college preparatory, is a prerequisite for AP English and is recommended for all highly motivated college-bound students.



## ENGLISH LANGUAGE ARTS 4 – 1 CR 090500300

Grade(s): 12

Prerequisite(s): English Language Arts 3

Course Description: English Language Arts 4, an integrated English course based on Missouri Learning Standards for English/Language Arts, Grade 12, is a study of language, literature, composition, and oral communication focusing on an exploration of point of view and/or perspective across a wide variety of literary genres. Students use literary interpretation, analysis, comparisons, and evaluation of literature including a selection of novels, poetry, drama, and high-end nonfiction to read and respond to representative works of historical or cultural significance in classical and contemporary literature balanced with nonfiction. Students write narratives, responses to literature, reflective compositions, and various technical documents. Students write and deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online information. This course provides the skills necessary to become College- and career-ready and is intended for the student requiring additional support in English Language Arts.

## COMPOSITION AND READING – 1 CR 090501400

Grade(s): 11, 12

Prerequisite(s): Enriched English Language Arts 3 or English Language Arts 3

Optional: Tentative College Credit –See Dual Credit section

Course Description: This course is designed for a college-bound student who has demonstrated a willingness to handle college level material. This course exposes students to the different types of writing through the analysis and creation of various essays across rhetorical modes (narration, exposition, argumentation, and description). In addition to studying and writing several essays, students will also read a larger piece of literature (novel or Shakespearean play) and analyze the themes and skills writers use when creating effective pieces of fiction. Students will create a final research paper which could be 8-10 pages in length.

## ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION – 1 CR 130500100

Grade(s): 11, 12

Prerequisite(s): English Language Arts 2

Course Description: The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods.

## ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION – 1 CR 130500200

Grade(s): 12

Prerequisite(s): Enriched Language Arts 3 or AP English Language and Composition

Course Description: AP English Literature is designed for the college-bound student who has demonstrated a willingness and ability to handle difficult material with independence and precision. The course of study focuses on developing sophisticated skills of literary analysis through the study of world literature with a major emphasis on novels, poetry and drama. The student is assigned a variety of compositions including a literature-based research paper and is expected to do daily reading outside of class. Independent reading of several major works is required. The critical thinking, research and writing skills developed in this course will prepare the student for a rigorous college program.

# High School English Language Arts Courses - continued

## **ELECTIVES:**

*\*English Language Arts Electives do not count toward the 4 credits required for graduation.*

### **ACT/COLLEGE PREP – 1 CR**

Grade(s): 11, 12

Face-to-Face (PHHS): 090500500

Online (PHS): 090500502

Prerequisite(s): Algebra II

Course Description: The ACT/College Prep course will emphasize test-taking strategies, math skills, and reading skills. Students will study and practice listening and note taking techniques, test taking strategies, questioning and thinking skills, library research and information retrieval, pre-ACT test practice, memory technique, reading in the content areas, vocabulary development, and college application completion. All four ACT subtests will be reviewed: English, Math, Reading, and Science Reasoning. Students are required to register and take the ACT during this course.



### **BROADCAST JOURNALISM – 1 CR 090500800**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: This course is a professionally oriented media course. Writing techniques and sports writing are emphasized. On-the-air experience, including announcing skills and production techniques, will be available. Evaluation is based on daily oral/written assignments, quality of story segments, and attention to process and deadlines. This course counts as 1 practical art credit.

### **ADVANCED BROADCAST JOURNALISM – 1 CR 090502200**

Grade(s): 10, 11, 12

Prerequisite(s): Broadcast Journalism

Course Description: This course is a professionally oriented media course intended for students wanting to continue their learning within the Broadcast Journalism program. On-the-air experience, including announcing skills and production techniques, will be expected of students, as well as leadership with other Broadcast Journalism students. Evaluation is based on daily oral/written assignments, quality of story segments, and attention to process and deadlines. This course may be repeated for additional credit. This course counts as 1 practical art credit.

### **CREATIVE WRITING – 1 CR**

Grade(s): 11, 12

Face-to-Face: 090501600

Online: 090501602

Prerequisite(s): None

Course Description: Creative Writing is designed for students to create original forms of descriptive writing, poetry, drama and fiction. Vocabulary development and creative writing techniques and skills are explored. Students submit their work to local and national magazines. Writings are presented orally and in written form.



### **DEBATE – 1 CR 090504800**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: This is a general study of the techniques of interscholastic debate. Students are involved in detailed and extensive analysis of debate theory and technique with application of skills in competition. Help in guiding and developing novice debaters is an inherent part of the class work. Participation in the interscholastic Debate/Forensics program is a requirement. This course may be repeated for additional credit.

### **JOURNALISM/MASS MEDIA – 1 CR 090501900**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: This course is designed to teach the Fundamentals of journalism including writing features, editorials, news, sports, profiles and in-depths. Layout/design for both newspaper and yearbook are covered. One unit features the First Amendment and student journalists' rights and responsibilities, libel, obscenity and invasion of privacy. This course counts as 1 practical art credit.

### **NEWSPAPER – 1 CR 090502000**

Grade(s): 10, 11, 12

Prerequisite(s): Journalism or Photojournalism

Course Description: Students who enroll in Newspaper apply the skills they learned in Journalism or in a setting where students and editors make the decisions regarding the day-to-day operation of the publication. Because of the deadlines, working nights is essential. This course may be repeated for additional credit. This course counts as 1 practical art credit.

### **PHOTOJOURNALISM – 1 CR 090502100**

Grade(s): 9, 10, 11, 12

Prerequisite(s): none

Course Description: Students learn camera handling, f-stops, shutter speeds, depth of field, and composition. Students learn how to process film and print images in the first unit only. All other units are digital and will be completed on the computer. Students will photograph "A Day in the Life of" at a selected location during a one-day field trip. Other assignments include portrait, sports, and a variety of composition shots. Because this is a journalism class, deadlines are enforced. Students will use a digital SLR camera with adjustable f-stops and shutter speeds; cameras available for check out.

## High School English Language Arts Courses - continued

### **SPEECH – 1 CR 090502400**

Grade(s): 12

Prerequisite(s): None

Optional: Tentative College Credit – See Dual Credit section

Course Description: Students will demonstrate an understanding and application of the techniques used in formal public speaking including listening skills, speech preparation and research methods. Activities involve preparing speeches to inform, entertain and persuade as well as panel discussions and oral interpretation of literature. This course is designed for college-bound seniors or students entering the work force who desire more effective English communication skills.

### **YEARBOOK – 1 CR 090502600**

Grade(s): 10, 11, 12

Prerequisite(s): Journalism or Photojournalism

Course Description: Students who enroll in Yearbook apply the skills they learned in Journalism or Photojournalism in a setting where staff and editors make the decisions regarding the day-to-day operation of the publication. Because of the deadlines, working nights is essential. This course may be repeated for additional credit. This course counts as 1 practical art credit.

### **ADVANCED PLACEMENT SEMINAR (PHHS only) – 1 CR 132900100**

Grade(s): 11

Prerequisite(s): None

Course Description: The AP Capstone Seminar course is an inquiry-based course that aims to engage students in cross-curricular conversations that explore real-world topics and issues from multiple perspectives. This course is designed around six essential skills and their development—critical thinking and reasoning, critical reading, inquiry and research, argumentation, communicating publicly, and collaboration. Students in this course will be working collaboratively toward the completion of a team research project and presentation, an individual research project and presentation, and an end-of-course examination administered by the AP College Board. It is essential that students come to this class self-motivated, willing to step outside the bounds of their comfort zone, and ready to work hard as they will be making several presentations in front of classes, peers, and potentially professional colleagues. This course places great emphasis on reading, writing, and presentation both in and out of class.

### **ADVANCED PLACEMENT RESEARCH (PHHS only) – 1 CR 132900201**

Grade(s): 12

Prerequisite(s): AP Seminar; Students wishing to take this course must meet a set of requirements set forth by the College Board. Please see your counselor for further information.

Course Description: The AP Capstone Research course is an inquiry-based course that aims to engage students in scholarly research with the end goal of making a unique contribution to that conversation. Students are encouraged to investigate real-world topics of interest. This course is designed around six essential skills and their development—critical thinking and

reasoning, critical reading, inquiry and research, argumentation, communicating publicly, and collaboration. Students will be working toward the completion of a scholarly research paper of 4,000-5,000 words and a 15-20-minute presentation with oral defense. There is no end-of-course examination administered by the AP College Board; rather, a score is assigned from the culmination of both paper and presentation. This course places great emphasis on academic reading, writing, and presenting. Students are encouraged to seek a consultant in her/his field of interest; however, this is not mandatory and will depend upon the student's research question. This course may count as a fourth English credit.

### **ENGLISH LANGUAGE DEVELOPMENT (ELD)**

All English Learners (EL) in the Park Hill School District are serviced at their respective high schools. English Language Development classes are offered to students whose first language is a language other than English. Eligibility in the following courses are determined by the W-APT placement test and ELD teacher recommendation. Students receive an English Language Arts elective credit for this class.

#### **ELD: HIGH SCHOOL ELD – ACADEMIC LANGUAGE I CURRICULUM – 1 CR 090700100**

Prerequisite(s): Students eligible for this course fall into the range of 1.0 – 2.9 on a current WIDA W-APT or ACCESS test.

Course Description: Academic Language I develops student's ability to speak, listen, read, and write using content specific academic language. The course is designed to create academic background knowledge and language skills for English Learners to increase academic achievement in content classes. The instructional order of the units remains flexible to be responsive to the needs of the students and the content courses in which they are enrolled. Additionally, the instructor will rotate units between Mathematics, Social Studies, Science and Language Arts to ensure balanced instruction on all content areas throughout the semester. This course may be repeated on a case by case basis as determined by the ELD teacher.

#### **ELD: HIGH SCHOOL ELD – ACADEMIC LANGUAGE II CURRICULUM – 1 CR 090702000**

Prerequisite(s): Students eligible for this course fall into the range of 3.0-4.4 on a current WIDA W-APT or ACCESS test.

Course Description: Academic Language II develops student's ability to speak, listen, read, and write using content specific academic language. The course is designed to create academic background knowledge and language skills for English Learners to increase academic achievement in content classes. The instructional order of the units remains flexible to be responsive to the needs of the students and the content courses in which they are enrolled. Additionally, the instructor will rotate units between Mathematics, Social Studies, Science and Language Arts to ensure balanced instruction on all content areas throughout the full academic year. This course may be repeated on a case-by-case basis as determined by the ELD teacher.



# High School Family and Consumer Science Courses

The Family and Consumer Science Department courses use hands-on activities to assist young adults in obtaining the knowledge and skills required to meet the challenges of living and working in a diverse, global society. Our unique focus is on the interrelationship of individuals, families and work. Each **Family and Consumer Science** course meets the state requirement of **1 full unit of practical art credit**.

## **CHILD GROWTH & DEVELOPMENT – 1 CR 090800100**

Grade(s): 10 (PHS), 11, 12

Prerequisite(s): None

Optional: This course offers ten (10) hours toward mentoring responsibilities for the A+ Program.

Course Description: Child Growth and Development students study the physical, intellectual, social, and emotional development of a child from conception to five years of age. This course teaches parenting and caregiving roles in relation to the developing child as well as guiding them in the learning process. The on-site preschool lab allows for actual experience in planning and implementing lessons and observing preschool children. This class is a basic foundation course for any student wanting to pursue a career in education or working with children in any capacity.

## **FASHION & APPAREL I – 1 CR 090800300**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: Fashion & Apparel I involves students in critical thinking through fashion, consumer awareness, clothing selection and care, garment construction, technology and careers. The skills and techniques that are developed through hands-on application can be applied to many careers in today's society.

## **FASHION & APPAREL II – 1 CR 090800400**

Grade(s): 10, 11, 12

Prerequisite(s): Fashion and Apparel I

Course Description: Fashion and Apparel II is designed for the student who has strong interest in textiles or fashion. Students explore various fashion related careers while constructing fashion projects using more advanced techniques. Students study textiles, fashion history, fibers, fit, and pattern selections, and learn how to evaluate ready to wear. This course may be repeated for additional credit.

## **HOUSING & INTERIOR ENVIRONMENT – 1 CR 090800500**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: Housing and Interior Environments provides students with the opportunity to study the elements required to create an attractive and functional living space. This course introduces students to the wide variety of careers in the field of housing and interiors through hands-on activities. Technology and actual sample materials are used to develop projects related to architecture and interior design. Creativity and application of the elements and principles of design are emphasized.

## **INTERPERSONAL RELATIONSHIPS – 1 CR 090800700**

Grade(s): 11, 12

Prerequisite(s): None

Course Description: Interpersonal Relationships encourages self-examination and critical thinking relative to adult living. Areas of study include understanding oneself and others, dating, long-term committed relationships, family systems, financial responsibility, parenting and the life cycle. The course content encourages the development of the skills necessary for successful relationships in today's changing world.

## **NUTRITION & FOODS – 1 CR 090800800**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: Nutrition and Foods assists students in understanding the role of nutrition in health and wellness. Demonstrations, hands-on food labs, guided instruction and cooperative learning are used throughout the course. Ultimately, students will be given the opportunity to have the necessary skills to plan, purchase and prepare nourishing meals and to evaluate and improve their day-to-day food choices.

## **PROSTART I – 1 CR (PHHS) 090801600**

Grade(s): 10, 11, 12

Prerequisite(s): None

Course Description: ProStart is a program created by the National Restaurant Association Educational Foundation. Students learn the management and culinary skills needed for a career in the food service industry. Educational strategies and technology are utilized for classroom instruction. In addition, there is an emphasis on safety and sanitation, communication, management, and customer service. Upon completion of the safety and sanitation unit, the culinary lab experience, which includes soups, sauces, fruits, vegetables and grains, will begin. There is an opportunity for work experience credit for students who are employed in the food service industry. Upon successful completion of the ProStart exams and work experience, certification is available for an additional fee.

## **PROSTART II – 1 CR (PHHS) 090801700**

Grade(s): 10, 11, 12

Prerequisite(s): ProStart I

Course Description: ProStart II is a continuation of ProStart I. The industry emphasis for ProStart II is nutrition, operational costs, and marketing. The culinary focus is breakfast, sandwiches, salads, meats, desserts, and global cuisine. Nationally recognized certification is available upon passing both ProStart I and ProStart II final exams with a minimum score of 70% and completing the work experience component. This is a course offered on the high school campus; and should not be confused with the Culinary Arts program offered at Northland Career Center.

# High School Fine Arts Courses - Art

## Art Courses:

The Art courses provided at Park Hill reflect a variety of media, skills, technology, and interests. An art experience can be a way of communicating unlike any other and can allow you to establish your individuality through creative imagination. Each **Fine Arts** elective course meets the state requirement and Park Hill graduation requirement of **1 full unit of fine art credit**.

### DESIGN & DRAWING – 1 CR 090100200

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: Provides a basic foundation of both design and realistic drawing. Basic techniques are presented to encourage personal creativity and a successful beginning artistic experience using a variety of materials and processes. This course prepares students for additional art opportunities in the intermediate courses.

### CERAMICS & SCULPTURE – 1 CR 090100100

Grade(s): 10, 11, 12

Prerequisite(s): Design and Drawing

Course Description: Provides a comprehensive study in methods of sculpture, hand-built clay construction and basic wheel throwing techniques. Students explore three-dimensional design while developing both useful and sculptural forms. Creativity and quality craftsmanship are emphasized.

### FIBERS – 1 CR 090100300

Grade(s): 10, 11, 12

Prerequisite(s): Design and Drawing

Course Description: Designed to introduce the student to the materials and techniques of weaving, fabric collage, cotton batik, and other experimental fiber processes. Students explore fiber art as a design form.

### GRAPHIC DESIGN – 1 CR 090100400

Grade(s): 10, 11, 12

Prerequisite(s): Design and Drawing

Course Description: Explores the commercial aspects of art. Techniques include freehand drawing, lettering, painting and computer-enhancement for commercial advertising, posters and illustrations.

### INTERMEDIATE DRAWING – 1 CR 090100500

Grade(s): 10, 11, 12

Prerequisite(s): Design and Drawing

Course Description: This course promotes commitment to the area of drawing through the study of perspective, still life, texture imitation, figure, portraiture, and design. Various drawing materials are used by students to enhance both realistic and abstract drawing skills. Art history is also used as a basis for some projects.

### PAINTING – 1 CR 090100600

Grade(s): 10, 11, 12

Prerequisite(s): Design and Drawing

Course Description: An introduction to the transparent media of watercolor painting, opaque acrylic painting and other paint media. Major emphasis is on experiencing a variety of techniques and creating composition through observation.

### PRINTMAKING – 1 CR 090100700

Grade(s): 10, 11, 12

Prerequisite(s): Design and Drawing

Course Description: Introduces students to the production of multiple images from a single design. Emphasis is on design and creative use of the materials and techniques of the relief, monoprint, and silkscreen printing processes.

### ADVANCED PLACEMENT ART & DESIGN – 1 CR 130101001

Grade(s): 11, 12

Prerequisite(s): Intermediate Drawing and any other level two course

Course Description: The serious art student will be expected to develop their creative potential and personal style. Subject matter will include observation and art history. This course will also assist in college portfolio development as well as scholarship application. Students will have the option of specializing in either: AP Studio Art-2D Design, AP Studio Art-3D Design, or AP Studio Art-Drawing. This course may be repeated for additional credit.

# High School Fine Arts Courses - Music/Theatre

## Music Courses:

The Music Department offers a variety of courses for students interested in the study of music. Courses range from non-audition, non-performing classes, to performance classes at various levels of proficiency. Only students with previous instrumental experience may enroll in instrumental music courses. All students may select from a variety of vocal music and specialized music courses according to their previous musical experiences. Check course prerequisites to determine for which course(s) you are eligible.

Performance music classes meet in split-block classes on alternating days for 36 weeks for one unit of credit. In general, the course that alternates opposite music is based on grade level and quantity of requests.

Each Music course meets the state requirement and the Park Hill graduation requirement of **1 full unit of fine art credit**.

## NON-PERFORMANCE COURSE DESCRIPTIONS

### **MUSIC APPRECIATION – 1 CR 091701900**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: A non-performance class that explores music of various styles through listening experiences. All styles of music are covered (classical, folk, music theater, jazz, popular, etc.) Investigations of composers and performers integral to the styles are included in the class. Activities include listening, discussions, projects and presentations on each style of music.

### **MUSIC THEORY – 1 CR – TERM (PHS) 091701500**

Grade(s): 10, 11, 12

Prerequisite(s): Participation in a performing ensemble is highly recommended.

Course Description: This is a course intended for students who may pursue a career or advanced degree in music. The course will introduce music history, aural training skills, including rhythmic, harmonic, and melodic dictation and sight singing. The course takes a beginning approach to the concepts of theory and analysis, with references to historical context.

### **ADVANCED PLACEMENT MUSIC THEORY – 1 CR 131700100**

Grade(s): 11, 12

Prerequisite(s): Music Theory or students who possess the ability to read music well and understand scales and musical notation.

Participation in a performing ensemble is highly recommended.

Course Description: This is a rigorous course intended for college-bound students who intend to pursue a career or advanced degree in music. The course will focus heavily on aural training skills, including rhythmic, harmonic and melodic dictation and sight singing. The course takes an accelerated approach to the concepts of theory and analysis, with references to historical context.

## VOCAL MUSIC PERFORMANCE COURSE DESCRIPTIONS

### **BASS CLEF CHOIR – 1 CR 091703101**

### **TREBLE CLEF CHOIR – 1 CR 091703001**

Grade(s): 9, 10, 11, 12

Prerequisite(s): Previous choir experience is recommended

Course Description: A yearlong introduction to the high school vocal music program. Singers become acquainted with sight-reading, pitch memory, basic musical notation, proper tone quality, breath control, and interval recognition skills. This class offers extra help for the developing voice. Participation in four concerts plus other special programs is required.

### **CONCERT CHOIR (PHHS) – 1 CR 091700601**

Grade(s): 10, 11, 12

Prerequisite(s): Bass Clef Choir or Treble Clef Choir and Instructor Approval

Course Description: Yearlong audition-based intermediate level performance classes open to students who have completed Mixed Chorus or have previous ensemble experience. Advanced levels of sight-reading, pitch memory, basic music notation, proper tone quality, breath management and interval recognition are continued from the chorus classes. Participation in four concerts plus other special programs is required. This course may be repeated for additional credits.

### **A CAPPELLA CHOIR – 1 CR 091700101**

Grade(s): 10, 11, 12

Prerequisite(s): Audition of prepared music for director

Course Description: Yearlong class is regarded as the highest-ranking choral ensemble in the vocal music department. Students are selected by audition in the spring of the previous year. Members must demonstrate the highest degree of maturity, responsibility, proficiency in sight-reading, recognition of musical notation and vocabulary, and possess a high level of ability in advanced vocal production. This group will participate in four major concerts and, in addition, makes other appearances representing the Park Hill School District. The entire spectrum of choral music is covered at an advanced level of difficulty including music history and performing practices. Participation in all performances is required. This course may be repeated for additional credits.

### **CHAMBER SINGERS (PHHS) – 1 CR 091700401**

### **SOUTH BOULEVARD (PHS) – 1 CR 091701801**

Grade(s): 10, 11, 12

Prerequisite(s): Audition of prepared music for director; current member of A Cappella Choir.

Course Description: Students are selected by audition in the spring of the previous year. Members must demonstrate a high degree of proficiency in sight-reading; pitch memory, recognition of basic musical notation, tone quality, breath control, interval recognition, and ability to maintain an independent part. This ensemble will perform throughout the community representing the Park Hill School District. The entire spectrum of choral music is covered at an advanced level of difficulty. Participation in all performances is required. This course may be repeated for additional credits.

# High School Fine Arts Courses – Music/Theatre

## Instrumental Music Courses:

### **CONCERT ORCHESTRA – 1 CR 091700801**

Grade(s): 9, 10, 11, 12

Prerequisite(s): Previous orchestra experience

Course Description: Year-long class is primarily a performance-oriented ensemble. Basic string skills continue to be stressed with an emphasis on application for performance. Orchestral music of various periods and styles is studied and performed in a minimum of four concerts during the school year. Participation in performances is required. This course may be repeated for additional credits.

### **SYMPHONIC ORCHESTRA – 1 CR 091701701**

Grade(s): 9, 10, 11, 12

Prerequisite(s): Audition of prepared music for director

Course Description: Year-long class is primarily a performance-oriented ensemble. Basic string skills continue to be stressed with an emphasis on application for performance. Orchestral music of various periods and styles is studied and performed in a minimum of five concerts during the school year. Participation in performances is required. This course may be repeated for additional credits.

### **CAMPUS BAND – 1 CR 091700301**

Grade(s): 9, 10, 11, 12

Prerequisite(s): Previous band experience is recommended.

Course Description: Campus Band is the entry-level high school band and follows the Park Hill 8th Grade Band curriculum. This year-long class is designed for the wind and/or percussion student. Campus Band emphasizes the development of basic wind and percussion skills such as tone production, breath control, technical advancement, and articulations. Band music of various periods and styles is studied and performed during the regular school year. Participation in a minimum of two concert performances is required. Additionally, a marching band/pep band unit/performance may be included. This course may be repeated for additional credits. Additionally, upper level band students may take this course concurrently with Concert or Symphonic Band on a secondary instrument (with teacher approval).

### **SYMPHONIC/CONCERT BAND – 1 CR 091701601/501**

Grade(s): 9, 10, 11, 12

Prerequisite(s): Audition of prepared music for the director of bands and/or one of the assistant directors of bands.

Course Description: Year-long class is primarily a performance-oriented ensemble. Students gain membership in Symphonic/Concert Band through the audition of prepared music. Enrollment for this course is limited based on instrumentation requirements and students' playing proficiency. Basic wind and percussion skills continue to be stressed with an emphasis on application for performance. Band music of various periods and styles is studied and performed throughout. Members of Symphonic and concert Band are combined to form the Marching Band. Pre-season rehearsals are a regular part of the yearly band calendar and are held prior to the beginning of the school year. Additional auditions are held at the end of marching season for placement in either Symphonic Band or Concert Band for the remainder of the concert season. Many opportunities for performance are provided for all members, and participation in performances is required. This course may be repeated for additional credits.

### **JAZZ ENSEMBLE – 1 CR 091701101**

Grade(s): 9, 10, 11, 12

Prerequisite(s): Instructor's permission by audition of prepared music; current member of Symphonic/Concert Band or Symphonic Orchestra.

Course Description: A year-long, performance class for students interested in the study and performance of jazz and jazz-related music. Special skills such as jazz rhythms, jazz harmonies and special articulations are covered, with an emphasis on application for performance. Several performance opportunities during the school year are provided. Students are expected to commit to perform for outside festival events listed on the current school year's performance calendar, i.e. full participation in performances is required. Instrumentation is limited to saxophone, trumpet, trombone, guitar, electric bass, piano and drum set. This course may be repeated for additional credits.

## Theatre Courses:

### **DRAMA – 1 CR 090501800**

Grade(s): 9, 10, 11, 12

Course Description: Drama is an introduction to the theater. Students become acquainted with the history of the theater and various significant plays. Areas of technical production such as makeup, lighting, costuming and set design are studied. Class requirements also include limited performance work and a final project demonstrating skills and knowledge acquired in this course.

### **ACTING – 1 CR 090500600**

Grade(s): 10, 11, 12

Prerequisite(s): Drama

Course Description: Basic skills of acting will be studied. Students are responsible for presenting scenes from plays and evaluating other student's performances. Some classical acting will be addressed. Involvement in school productions is encouraged. This class can be taken again for credit.

### **STAGECRAFT – 1 CR 090502500**

Grade(s): 10, 11, 12

Course Description: Stagecraft introduces students to a practical approach to technical and production aspects. Students learn the skills needed to construct scenery, hang and focus lighting instruments, and implement a sound system. Students are trained in the usage of tools, lumber and machinery. Students will play an active role in the current production. The final project is the selection and analysis of a play and the design of a scale model. This course may be repeated. This course counts as a practical art credit, **NOT a fine art.**

### **TOURNAMENT FORENSICS – 1 CR 090504900**

Grade(s): 9, 10, 11, 12

Course Description: This is a general study of the techniques of interscholastic forensics and individual events. Students explore a variety of performance styles such as humorous and dramatic interpretation, duo improvisation, duo interpretation, poetry, prose, storytelling, original oratory, and extemporaneous speaking. Participation in the interscholastic Debate/Forensics program is a requirement. This course may be repeated for additional credit.

# High School Foreign Language Courses

The Park Hill School District recognizes the value of foreign language study in developing students' abilities to think, communicate, recognize, reason, and explore living and working in a global community. National studies underscore the high value of second language fluency and cultural awareness. Foreign language fluency will be a key skill to career advancement and success in the future. The study of a foreign language helps students connect their native language to the language studied through the comparison of the two.

## **FRENCH I – 1 CR 090900300**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: This is an active class that gives the beginning student the vocabulary necessary to communicate on a basic level with French speakers on a variety of familiar subjects such as school, home, activities, etc. The student will learn how to formulate sentences and dialogues through listening, speaking, reading and writing. Cultural activities will accompany language lessons to acquaint students with food, artistic expression, and diversity of the French-speaking world.

## **FRENCH II – 1 CR 090900400**

Grade(s): 9, 10, 11, 12

Prerequisite(s): French I

Course Description: Through thematic units, students will expand skills in speaking, listening, reading, writing and cultural awareness. They will develop a functional command of words and phrases dealing with immediate needs and common everyday situations of simple questions and statements about family, residence, self, weather, time and interests. They will be able to recognize and properly use past/present tense grammar structures. The content expansion includes the use of familiar words and phrases applicable with normal commands, frequent instructions, and courtesy interchanges.

## **FRENCH III – 1 CR 090900500**

Grade(s): 10, 11, 12

Prerequisite(s): French II

Optional: Tentative College Credit – See Dual Credit section

Course Description: Students continue to develop their proficiency in speaking, listening, writing and reading by interacting with other speakers of French. Students will understand oral and written messages in the target language and will make level appropriate oral and written presentations. Students communicate on a variety of topics using complex structures, moving from concrete to more abstract concepts. They will comprehend the main ideas of authentic materials that they read and hear and are able to identify significant details when topics are familiar.

## **FRENCH IV – 1 CR 090900600**

Grade(s): 10, 11, 12

Prerequisite(s): French III

Optional: Tentative College Credit – See Dual Credit section

Course Description: Students are able to engage in conversation and comprehend another person's dialogue without much repetition. Topics go well beyond basic needs and include personal and family affairs, current events, school, work, etc. Students can comprehend descriptions and narration referring to past, present, or future events. They can comprehend dialogue about special fields of interest and narratives of a non-technical or specialized

nature. When listening to material restricted mainly to vocabulary and structures studied in class, their comprehension appears to be on a near native-like level. There is an increased comprehension of in-depth material about special interest topics used in class. Grammar control includes all but the infrequently used and the most complex forms and word order problems. Students work toward building a larger reading, speaking and listening vocabulary through use of materials representative of the French-speaking culture.

## **ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE 1 CR 130900100**

Grade(s): 11, 12

Prerequisite(s): French IV

Course Description: The purpose is to develop proficiency in the French language. Students have already acquired a basic knowledge of the language and culture of French speaking peoples and have developed a reasonable proficiency in listening comprehension, speaking, reading and writing. This course stresses vocabulary, oral skills, composition and grammar, and requires students to use French for active communication. In order to promote language proficiency, this class is conducted primarily in the target language. Students work toward building a larger reading, speaking and listening vocabulary through use of materials representative of the French-speaking culture. Extensive training in the organization and writing of compositions is an integral part of AP French.

## **GERMAN I – 1 CR 090900700**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: This is an active class that gives the beginning student the vocabulary necessary to communicate on a basic level with German speakers on a variety of familiar subjects such as school, home, activities, etc. The student will learn how to formulate sentences and dialogues through listening, speaking, reading and writing. Cultural activities will accompany language lessons to acquaint students with food, artistic expression, and diversity of the German-speaking world.



## High School Foreign Language Courses - continued

### **GERMAN II – 1 CR 090900800**

Grade(s): 9, 10, 11, 12

Prerequisite(s): German I

Course Description: Through thematic units, students will expand their skills in speaking, listening, reading, writing and cultural awareness. Students will develop a functional command of words and phrases that deal with immediate needs and common everyday situations or while traveling in limited situations. Students will demonstrate comprehension of simple questions and statements about family, residence, self, weather, time and interests. The content expansion includes the use of familiar words and phrases applicable with normal commands, frequent instructions, and courtesy interchanges. Students will be able to recognize and properly use present and past tense grammar structures.

### **GERMAN III – 1 CR 090900900**

Grade(s): 10, 11, 12

Prerequisite(s): German II

Optional: Tentative College Credit – See Dual Credit section

Course Description: Students continue to develop their proficiency in speaking, listening, writing and reading by interacting with other speakers of German. Students will understand oral and written messages in the target language and will make level appropriate oral and written presentations. Students communicate on a variety of topics using complex structures, moving from concrete to more abstract concepts. They will comprehend the main ideas of authentic materials that they read and hear and are able to identify significant details when topics are familiar.

### **GERMAN IV – 1 CR 090901000**

Grade(s): 10, 11, 12

Prerequisite(s): German III

Optional: Tentative College Credit – See Dual Credit section

Course Description: Students are able to engage in conversation and comprehend another person's dialogue without much repetition. Topics go well beyond basic needs and include personal and family affairs, current events, school, work, etc. Students can comprehend descriptions and narration referring to past, present, or future events. They can comprehend dialogue about special fields of interest and narratives of a non-technical or specialized nature. When listening to material restricted mainly to vocabulary and structures studied in class, their comprehension appears to be on a near native-like level. There is an increased comprehension of in-depth material about special interest topics used in class. Grammar control includes all but the infrequently used and the most complex forms and word order problems. Students work toward building a larger reading, speaking and listening vocabulary through use of materials representative of the German speaking culture.

### **ADVANCED PLACEMENT GERMAN LANGUAGE – 1 CR 130900200**

Grade(s): 11, 12

Prerequisite(s): German IV

Course Description: The purpose is to develop proficiency in the German language. Students have already acquired a basic knowledge of the language and culture of German-speaking people and have developed a reasonable proficiency in listening comprehension, speaking, reading and writing. This course stresses vocabulary, oral skills, composition and grammar, and requires students to use German for active communication. In order to promote language proficiency, this class is conducted primarily in the target language. Students work toward building a larger reading, speaking and listening vocabulary through use of materials representative of the German-speaking culture. Extensive training in the organization and writing of compositions is an integral part of AP German.

### **SPANISH I – 1 CR 090901100**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: This is an active class that gives the beginning student the vocabulary necessary to communicate on a basic level with Spanish speakers on a variety of familiar subjects such as school, home, activities, etc. The student will learn how to formulate sentences and dialogues through listening, speaking, reading and writing. Cultural activities will accompany language lessons to acquaint students with food, artistic expression, and diversity of the Spanish-speaking world.

### **SPANISH II – 1 CR 090901200**

Grade(s): 9, 10, 11, 12

Prerequisite(s): Spanish I

Course Description: Through thematic units, students will expand their skills in speaking, listening, reading, writing and cultural awareness. Students will develop a functional command of words and phrases that deal with immediate needs and common everyday situations or while traveling in limited situations. Students will demonstrate comprehension of simple questions and statements about family, residence, self, weather, time and interests. The content expansion includes the use of familiar words and phrases applicable with common commands, frequent instructions, and courtesy interchanges. Students will be able to recognize and properly use present and past tense grammar structures.

## High School Foreign Language Courses - continued

### **SPANISH III – 1 CR 090901300**

Grade(s): 10, 11, 12

Prerequisite(s): Spanish II

Optional: Tentative College Credit – See Dual Credit section

Course Description: Students continue to develop their proficiency in speaking, listening, writing and reading by interacting with other speakers of Spanish. Students will understand oral and written messages in the target language and will make level appropriate oral and written presentations. Students communicate on a variety of topics using complex structures, moving from concrete to more abstract concepts. They will comprehend the main ideas of authentic materials that they read and hear and are able to identify significant details when topics are familiar.

### **SPANISH IV – 1 CR 090901400**

Grade(s): 10, 11, 12

Prerequisite(s): Spanish III

Optional: Tentative College Credit – See Dual Credit section

Course Description: Students are able to engage in conversation and comprehend another person's dialogue without much repetition. Topics go well beyond basic needs and include personal and family affairs, current events, school, work, etc. Students can comprehend descriptions and narration referring to past, present, or future events. They can comprehend dialogue about special fields of interest and narratives of a non-technical or specialized nature. When listening to material

restricted mainly to vocabulary and structures studied in class, their comprehension appears to be on a near native-like level. There is an increased comprehension of in-depth material about special interest topics used in class. Grammar control includes all but the infrequently used and the most complex forms and word order problems. Students work toward building a larger reading, speaking and listening vocabulary through use of materials representative of the Spanish speaking culture.

### **ADVANCED PLACEMENT SPANISH LANGUAGE – 1 CR 130900300**

Grade(s): 11, 12

Prerequisite(s): Spanish IV

Course Description: The purpose is to develop proficiency in the Spanish language. Students have already acquired a basic knowledge of the language and culture of Spanish speaking peoples and have developed a reasonable proficiency in listening comprehension, speaking, reading and writing. This course stresses vocabulary, oral skills, composition and grammar, and requires students to use Spanish for active communication. In order to promote language proficiency, this class is conducted primarily in the target language. Students work toward building a larger reading, speaking and listening vocabulary through use of materials representative of the Spanish-speaking culture. Extensive training in the organization and writing of compositions is an integral part of AP Spanish.



# High School Industrial Technology Education Courses

## HOME MAINTENANCE – 1 CR 091300300

Grade(s): 9, 10, 11, 12

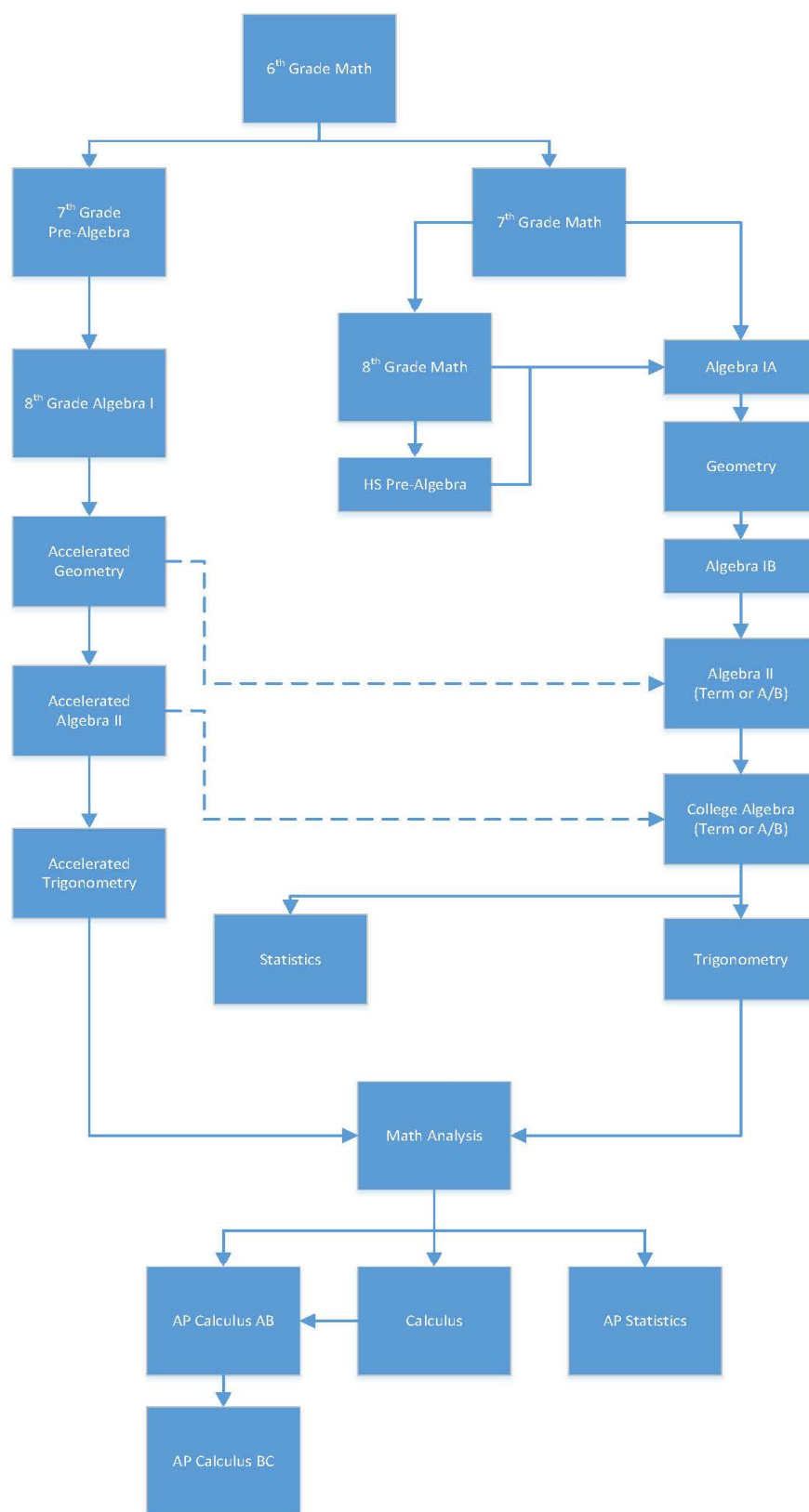
Prerequisite(s): None

Course Description: A study of repairs that are commonly undertaken by the average homeowner. Hands on learning experiences may include dry wall, ceramic tile, house wiring, plumbing repairs, basic automotive maintenance, small engine repairs, woodworking, and cabinetry. This course counts as 1 practical art credit.



# High School Mathematics Courses

## 2021-22 Mathematics Course Sequence Flow Chart Grades 6-12



Revised March 2019

## High School Mathematics Courses - continued

The Math Department offers a variety of challenging and interesting courses. Success in these classes can be a gratifying part of a high school career. Feel free to seek advice on your course selections prior to enrollment. As there are many courses with a variety of prerequisites, conferring with your math instructor and counselor is advised.

**CALCULATORS:** Upper level Math and Science courses require a scientific calculator. The recommended calculators for these classes are Texas Instruments with a model number less than 89. Such calculators can be used on both Advanced Placement exams and ACT exams. Students can visit [www.apstudent.collegeboard.com](http://www.apstudent.collegeboard.com) and [www.actstudent.org](http://www.actstudent.org) for more information regarding acceptable calculators for use on Advanced Placement and ACT exams.

### REQUIRED MATHEMATICS COURSES:

Students are required to earn three credits of math in order to graduate. All students are required to take and successfully complete Algebra II.

#### PRE-ALGEBRA – 1 CR 091601100

Grade(s): 9

Course Description: The course is designed to prepare students for future coursework in mathematics, particularly Algebra 1A. This course will include simplifying expressions, graphing equations, simplifying radical and exponential expressions and using radicals to solve equations, polynomials, and solving for measures of central tendency.

#### ALGEBRA IA – 1 CR 091600400

Grade(s): 9, 10, 11, 12

Course Description: The course is designed to cover the first half of the Algebra I curriculum. This course will include operations on real numbers, solve equations and inequalities, analyze various forms of functions (linear, quadratic, absolute value, exponential and sequences) and use introductory statistics to organize and make predictions. This course is the foundation for further mathematical understanding.

#### ALGEBRA IB – 1 CR 091600500

Grade(s): 9, 10, 11, 12

Prerequisite(s): Algebra IA

Course Description: The course is designed to cover the second half of the Algebra I curriculum. This course will include operations on real numbers, solve equations and inequalities, analyze various forms of functions (linear, quadratic, absolute value, exponential and sequences) and use introductory statistics to organize and make predictions. This course is the foundation for further mathematical understanding.

#### GEOMETRY – 1 CR 091600900

Grade(s): 9, 10, 11, 12

Prerequisite(s): Algebra IA

Course Description: This course involves the integration of logical reasoning and spatial visualization skills. It includes a study of deductive proofs and applications from Algebra, an intense study of polygons, and an introduction to Trigonometry. Students will be required to “think visually” while transferring information to real life problems.

#### ACCELERATED GEOMETRY – 1 CR 091600300

Grade(s): 9, 10, 11, 12

Prerequisite(s): Algebra I

Course Description: A rigorous study of plane and coordinate geometry recommended for the college-bound student. This course will cover areas and volumes of plane and solid figures, coordinate geometry, and basic transformations in addition to the topics discussed in the regular Geometry class. Taught primarily through lecture, topics will be reinforced with daily assignments, projects and real-life applications. An emphasis will be placed on expanding student mathematical vocabulary. During this intense study, students will develop visual skills and increase their ability to reason logically while preparing for success in higher-level math courses.

#### ALGEBRA II – 1 CR 091600600

Grade(s): 10, 11, 12

Prerequisite(s): Geometry

Course Description: This course includes the study of a variety of functions (linear, quadratic higher order polynomials, exponential, absolute value, logarithmic and rational) learning to graph, compare, perform operations and manipulate them in order to solve, analyze and apply to problems. Students will use probability and statistics to evaluate outcomes of decisions. Students develop rigorous problem-solving skills, logical reasoning and mathematical communication skills required for success in higher math courses and real-life experiences.

\*Graphing calculators are required.

#### ALGEBRA IIA – 1 CR 091602900

Grade(s): 10, 11, 12

Prerequisite(s): Geometry

Course Description: The course is designed to cover the first half of the Algebra II curriculum. This course includes the study of a variety of functions (linear, quadratic higher order polynomials, exponential, absolute value, logarithmic and rational) learning to graph, compare, perform operations and manipulate them in order to solve, analyze and apply to problems. Students will use probability and statistics to evaluate outcomes of decisions. Students develop rigorous problem-solving skills, logical reasoning and mathematical communication skills required for success in higher math courses and real-life experiences.

\*Graphing calculators are required.



## High School Mathematics Courses - continued

### **ALGEBRA IIB – 1 CR 09160300**

Grade(s): 10, 11, 12

Prerequisite(s): Algebra IIA

Course Description: The course is designed to cover the second half of the Algebra II curriculum. This course includes the study of a variety of functions (linear, quadratic, higher order polynomials, exponential, absolute value, logarithmic and rational) learning to graph, compare, perform operations and manipulate them in order to solve, analyze and apply to problems. Students will use probability and statistics to evaluate outcomes of decisions. Students develop rigorous problem-solving skills, logical reasoning and mathematical communication skills required for success in higher math courses and real-life experiences. \*Graphing calculators are required.

### **ACCELERATED ALGEBRA II – 1 CR 091600200**

Grade(s): 9, 10, 11, 12

Prerequisite(s): Accelerated Geometry

Course Description: A study of the structure of a variety of functions—linear, quadratic, polynomial, and rational—as well as an exploration of properties and applications of exponents, logarithmic functions and conics. Students learn to graph, compare and manipulate these in order to solve real life applications. Students develop rigorous problem-solving skills, logical reasoning and mathematical communications skills required for success in higher math courses. \*Graphing calculators are required. See instructor for recommendations.

### **ELECTIVES:**

### **TRIGONOMETRY – 1 CR 091601300**

Grade(s): 10, 11, 12

Prerequisite(s): College Algebra or Accelerated Algebra II

Course Description: A pre-Calculus course for the college-bound student. The term includes a strong emphasis on circular and triangular trigonometric functions, graphs of trigonometric functions and identities and trigonometric equations, polar coordinates, and vectors. This course is primarily taught through lectures, small group activities, and projects dealing with real-life situations. \*Graphing calculators are required. See instructor for recommendations.

### **ACCELERATED TRIGONOMETRY – 1 CR 091602600**

Grade(s): 10, 11, 12

Prerequisite(s): Accelerated Algebra II

Course Description: A pre-Calculus course for the college-bound student. The term includes a strong emphasis on circular and triangular trigonometric functions, graphs of trigonometric functions and identities and trigonometric equations, polar coordinates, and vectors. This course is primarily taught through lectures, small group activities, and projects dealing with real-life situations. \*Graphing calculators are required. See instructor for recommendations.

### **COLLEGE ALGEBRA A – 1 CR 091602700**

Grade(s): 10, 11, 12

Prerequisite(s): Algebra II

Course Description: The learning in this class consists of Intermediate Algebra concepts, which help prepare a student to take College Algebra B for dual credit. Students will study functions and their graphs, systems of linear equations, application problems, linear and quadratic inequalities, absolute value equations and inequalities, rational exponents, radicals, quadratic equations, and ratios and proportions.

### **COLLEGE ALGEBRA B – 1 CR 091602800**

Grade(s): 11, 12

Prerequisite(s): College Algebra A

Optional: Tentative College Credit – See Dual Credit section

Course Description: The class consists of Math 120, College Algebra from the Metropolitan Community College for 3 hours' college credit. The catalog description for Math 120 is a study of various types of equations and inequalities, functions and their inverses, theory of higher degree equations, systems of equations, determinants, logarithmic and exponential functions, conic sections, sequences and series, and the Binomial Theorem.

### **COLLEGE ALGEBRA – 1 CR 091600800**

Grade(s): 10, 11, 12

Prerequisite(s): Algebra II

Optional: Tentative College Credit – See Dual Credit section

Course Description: The class consists of two Metropolitan Community College courses: Math 110, Intermediate Algebra and Math 120, College Algebra for 6 hours' college credit.

### **MATH ANALYSIS – 1 CR 091601000**

Grade(s): 10, 11, 12

Prerequisite(s): Accelerated Trigonometry or Trigonometry

Course Description: A pre-Calculus course for the serious and motivated college-bound student. Concentration is on analyzing problems and applying mathematical concepts introduced in Algebra II. This course is primarily taught through lecture, small group activities and projects dealing with real-life situations. The content includes a strong emphasis on logarithmic, exponential, and polynomial functions, conics, sequences and series. \*Graphing calculators are required. See instructor for recommendations.

### **CALCULUS – 1 CR (PHS) 091600700**

Grade(s): 11, 12

Prerequisite(s): Math Analysis

Course Description: Designed for the serious and motivated college-bound student. It consists of the basic topics in Calculus that includes limits, differentiation, and integration. \*Graphing calculators are required. See instructor for recommendations.

## High School Mathematics Courses - electives continued

### **STATISTICS – 1 CR 091601200**

Grade(s): 11, 12

Prerequisite(s): College Algebra B or College Algebra

Course Description: A concentration on the analysis of both descriptive and inferential statistics with probability, estimation, averages and variations, distributions, hypothesis testing and correlation emphasized. Students work with activities including probabilities, testing ideas hypothesis, a project over distributions and the accumulation of data. The concepts learned will be used in many college degree programs and career choices.

### **ADVANCED PLACEMENT CALCULUS AB – 1 CR 131600100**

Grade(s): 11, 12

Prerequisite(s): Math Analysis

Course Description: AP Calculus AB is designed for the serious and motivated college-bound student planning to major in math, science or engineering. This course prepares students to take the AB test. It consists of an intense treatment of topics in Calculus with heavy emphasis on their theoretical basis. These topics included limits, differentiation and integration, application of differentiation and integration, and logarithmic, exponential, and other transcendental functions. \*Graphing calculators are required. See instructor for recommendations.

### **ADVANCED PLACEMENT CALCULUS BC – 1 CR 131600200**

Grade(s): 11, 12

Prerequisite(s): AP Calculus AB

Course Description: AP Calculus BC is designed for the serious and motivated college-bound student planning to major in math, science, or engineering. This course is an extension of the previous Calculus class and will prepare students to take the BC test. It consists of an intense treatment of topics in Calculus with heavy emphasis on their theoretical basis. These topics include a continuation of application of integration, integration techniques, L'Hopital's Rule, and improper integrals. \*Graphing calculators are required. See instructors for recommendations.

### **ADVANCED PLACEMENT STATISTICS – 1 CR**

Grade(s): 11, 12

Face-to-Face: 131600300

Online: 131600302

Prerequisite(s): Math Analysis

Course Description: The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns and statistical inference.



### **PLTW COMPUTER SCIENCE ESSENTIALS – 1 CR 090206000**

Grade(s): 9, 10, 11, 12

Prerequisite(s): none

Course Description: Computer Science Essentials exposes students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. Students use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python® to create apps and develop websites and learn how to make computers work together to put their design into practice. They apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.

### **PLTW/ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES – 1 CR 090207000**

Grade(s): 9, 10, 11, 12

Prerequisite(s): Computer Science Essentials

Course Description: Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Projects and problems include app development, visualization of data, cybersecurity, and simulation. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP Computer Science Principles (AP CSP). This endorsement affirms that all components of PLTW's CSP's offerings are aligned to the AP Curriculum Framework standards and the AP CSP assessment.

### **PLTW/ADVANCED PLACEMENT COMPUTER SCIENCE A 1 CR 090210500**

Grade(s): 10, 11, 12

Prerequisite(s): Computer Science Essentials

Course Description: Computer Science A focuses on further developing computational thinking skills through the medium of Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. This course aligns with the AP CS A course.

# High School Health and Physical Education Courses

The Physical Education and Health Program is an integral part of the school district's total curriculum. It is the goal of this department to meet the physical, mental, and social developmental needs of the students in high school. It is the objective of this program to provide the opportunity for each student to develop a lifestyle that includes regular and vigorous physical activity, good nutrition, a healthy body weight, flexibility, and proper muscle strength. The student should also develop methods of handling stress and have a large repertoire of sports and other lifetime activities for worthy use of leisure time. Recommended uniform is t-shirt, athletic shorts or sweats, white socks, and non-marking athletic shoes. Hunting, Camping, and Fishing as well as Health do NOT meet the state requirement or Park Hill requirement for 1 full unit of Physical Education credit. Health is a required course for all students.

## **REQUIRED:**

### **HEALTH – 1/2 CR 091800200**

Grade(s): 10, 11, 12

Face-to-Face: 091800200

Online: 091800202

Prerequisite(s): None

Course Description: Health class through the study of nutrition, fitness, exercise, stress management, disease prevention, substance abuse prevention, and understanding the body systems will enable students to make life long healthy decisions. Content learned in this course will provide foundational knowledge applicable to each student's individual success setting short term and long term healthy living goals. Students will receive hands-on CPR instruction.

\*This course is coupled with **Personal Finance – 1/2 CR 090201300 10, 11, 12** for a full semester schedule.



## **PHYSICAL EDUCATION COURSES**

### **FOUNDATIONS OF FITNESS – 1 CR 091801400**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: This course applies the principles, practices and the importance of lifelong fitness. Students participate in fitness evaluations to determine fitness goals and participate in a variety of activities to promote overall fitness and health. As a result, students will be able to continue to apply the connection between health and regular physical activity after completing this course.

### **SPORTS AND RECREATION – 1 CR 091801500**

Grade(s): 10, 11, 12

Prerequisite(s): Foundations of Fitness or Weight Training

Course Description: Sports and Recreation focuses upon rules, etiquette and skill technique for a variety of sports and recreational activities. Students will participate in fitness testing and fitness activities in the course. Students will experience the connection between personal health and regular physical activity.

### **WATER SPORTS & CONDITIONING – 1 CR (PHHS) 091800700**

Grade(s): 10, 11, 12

Prerequisite(s): Must be able to swim 25 yards unassisted; Foundations of Fitness or Weight Training

Course Description: Students will be actively involved in a variety of water games including, but not limited to, volleyball, baseball, football, water polo, basketball and double ball. Fitness development is an important aspect of this course along with swimming stroke development. Students will participate in conditioning activities daily.

### **HUNTING, CAMPING & FISHING – 1 CR (PHHS) 091800300**

Grade(s): 12

Prerequisite(s): Foundations of Fitness or Weight Training

Course Description: The emphasis of this course is to make outdoor sports safer and more successful. Activities include archery, fly-casting, the Missouri Department of Conservation Hunter Education course, fly typing and fire starting. (Course does not satisfy PE graduation requirement.)

### **WEIGHT TRAINING/CONDITIONING – 1 CR 091800800**

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: This introductory course emphasizes the development of effective weight training and proper lifting techniques. This course includes the concepts of physical education and the development of personal fitness. This course is a prerequisite for upper level physical education courses.

### **ADVANCED WEIGHT TRAINING/CONDITIONING – 1 CR 091800100**

Grade(s): 10, 11, 12

Prerequisite(s): Weight Training/Conditioning

Course Description: Advanced Weight Training is an extremely high intensity course designed to meet the needs of highly motivated students. Students lift weights four days per week with other related activities once a week. Students should expect to work extremely hard and see significant increases in strength and power. This course may be repeated for additional credit.

# High School Professional Studies Courses

## PARK HILL PROFESSIONAL STUDIES

### Park Hill School District

- \*Aspiring Educators
- \*Aspiring Innovators
- \*Aspiring Medical Professionals
- \*Aspiring Professionals

### MCC-BTC Early College Program

- \*Computer Integrated Machining and Manufacturing
- \*Engineering Technology and Computer Aided Design and Drafting
- \*Automation of Industrial Machines

### Northland CAPS

- \*Engineering & Advanced Manufacturing
- \*Global Business & Logistics
- \*Medicine & Healthcare
- \*Technology Solutions
- \*Digital Media & Design
- \*Business Accelerator
- \*Senior Associates

### Northland Career Center

- \*Agricultural Sciences
- \*Aviation Technology
- \*Construction Technology
- \*Culinary Arts
- \*Diesel Technology
- \*Health Sciences
- \*Heating/Cooling & Climate Control
- \*Industrial Welding
- \*IT Professionals
- \*Law Enforcement
- \*Production Technologies
- \*Teaching Professions

The **Park Hill Professional Studies** program provides students with authentic learning experiences and meaningful professional connections. Through partnerships with industry and business individuals, Professional Studies connects what is being taught in the classroom and what occurs in the workplace. Professional experiences provide the opportunity for students to explore their career interests, talents and personal passions. Through professional experiences, students discover first-hand the relevancy of what they are learning in the classroom and how that applies to college and career opportunities. Students interested in applying for the Professional Studies program need to turn in a completed application to their guidance counselor. Click on this link for more information or to apply:

[Professional Studies Program](#)

### Early College Program at the Metropolitan Community College Business Technology Campus

Metropolitan Community College (MCC) – Business & Technology (BTC) offer both morning and afternoon sessions depending upon the specific program. Students need to check with their counselor to determine the number of credits needed to graduate and additional courses recommended. Student selection for the MCC-BTC program is based on successful completion of prerequisites, school attendance, grade point average, standardized test scores, and an interest in career and technical education. Upon successful completion of a one or two-year course, the student will have the opportunity to receive certificates and community college credits.

- **Community College Credit:** Students may earn from 11 to 40 credit hours at Metropolitan Community Colleges after successful completion of designated programs. The actual credit varies from program to program.

The actual credit varies from program to program. Students interested in applying for the Metropolitan Community College need to meet with their guidance counselor to complete the online application and schedule to take the AccuPlacer test or submit ACT scores. Each course meets the state requirement and Park Hill graduation requirement of 1 full unit of practical art credit.

**Northland Center for Advanced Professional Studies (NCAPS)** is part of the Park Hill Professional Studies opportunities. NCAPS offers two block courses in the fall semester and two block courses in the spring semester. Therefore, a student will earn two credits if they enroll in one semester and four credits if they enroll in both semesters.

NCAPS offers student the opportunity to solve real world problems using business standard software, equipment and are mentored by real employers. Students gain experience working with businesses, assisting and learning through meaningful projects. Students learn early career professional skills such as project management, business ethics, teamwork and time management, which are instructed, modeled, and measured. Learning at NCAPS is real-time, real-world and hands-on. Emphasis is placed on developing professional skills, such as communication and collaboration, which employers deem highly important to individual success. Students interested in applying for the NCAPS program need to use the following link to fill out and submit an online application. Click on this link for more information or to apply: [www.northlandcaps.org/apply](http://www.northlandcaps.org/apply)

**The Northland Career Center** offers both morning and afternoon sessions. Students need to check with their counselor to determine the number of credits needed to graduate and additional courses recommended. Student selection for the Northland Career Center is based on successful completion of prerequisites, school attendance, grade point average, standardized test scores, and an interest in career and technical education. Upon successful completion of a one or two-year course, the student will receive a certificate and list of completed competencies.

- **Apprenticeship:** After meeting eligibility requirements, students may receive advanced placement on the beginning wage scale upon admission to one of several apprenticeship programs.
- **Community College Credit:** Students may earn from 3 to 17 credit hours at Metropolitan Community Colleges after successful completion of designated programs. The actual credit varies from program to program.

Students interested in applying for the Northland Career Center need to meet with their guidance counselor to complete the online application and schedule an observation.

Each course meets the state requirement and Park Hill graduation requirement of **1 full unit of practical art credit**.

# High School Professional Studies Courses - continued

## ASPIRING EDUCATORS – 2 CR

093000101/093000100

### *\*Park Hill Professional Studies Course*

Grade(s): 11, 12

Prerequisite(s): Instructor approval required. Students interested in Aspiring Educators must fill out an application and complete an interview process prior to being accepted into Professional Studies.

Course Description: This 2-block course will immerse the students in a project-centered field of study in the area of teacher education. Students in this program will be participating in internships, mentorships, networking, and futuristic modeling. Students will be immersed in practices of educational technology and will incorporate 21st century skills into every aspect of observation and coursework. Students will study educational pedagogy as the basis for the profession and will experience the true essence of the teacher-classroom experience. Students will be immersed in the educational environment of an elementary school in the Park Hill School District, as well as other learning environments throughout the Northland to experience a wide range of teaching and training opportunities. This course may only be taken once for credit. Students wishing to continue within this pathway may choose to take Aspiring educators 2.

## ADVANCED ASPIRING EDUCATORS – 1 CR

093002100/093012100

### *\*Park Hill Professional Studies Course*

Grade(s): 12

Prerequisite(s): Successful completion of Aspiring Educators 1. Instructor approval required. Students interested in Aspiring Educators must fill out an application and complete an interview process prior to being accepted into Professional Studies.

Course Description: Aspiring Educators 2 builds upon professional skills through hands-on experiences directly working with a mentor teacher and students, an independent book study, and a variety of trainings. Interns are placed in a school environment that meets the needs of their career exploration area. This internship must be in the Park Hill School District. This course may be repeated for additional credit.

## ASPIRING INNOVATORS – 1 CR

093001400/093011400

LEAD Course Only

### *\*Park Hill Professional Studies Course*

Grade(s): 10-11

Prerequisite(s): None

Course Description: This course enables students to develop personal and professional skills through client-connected projects, which provide the student with real world experiences. Client-connected projects provide learners the opportunity to analyze and solve authentic problems, working in collaboration with other learners and industry professionals. Within this course, students earn a market value asset (MVA) related to work experience.

## ASPIRING MEDICAL PROFESSIONALS – 1 CR

093001300/093011300

### *\*Park Hill Professional Studies Course*

Grade(s): 11, 12

Prerequisite(s): Instructor approval required. Students interested in Aspiring Medical Professionals must fill out an application and complete an interview process prior to being accepted into the internship course.

Course Description: Aspiring Medical Professionals is designed for students interested in pursuing a career path in the Health Sciences Industry. This course partners with Saint Luke's North Healthcare Network. Aspiring Medical Professionals combines professional-based classroom learning with internship experiences throughout the healthcare industry. Students have the opportunity to acquire professional skills in the area of health care, learn about different types of healthcare delivery systems, explore a variety of legal and ethical issues related to medicine, and develop an individual career plan for postsecondary planning. Students gain CPR/AED certification and HIPPA training. In addition, dual credit offerings exist.

## ADVANCED ASPIRING MEDICAL PROFESSIONALS – 1 CR

093002300/093012300

### *\*Park Hill Professional Studies Course*

Grade(s): 12

Prerequisite(s): Successful completion of Aspiring Medical Professionals 1. Instructor approval required. Students interested in Aspiring Medical Professionals must fill out an application and complete an interview process prior to being accepted into the internship course.

Course Description: Aspiring Medical Professionals 2 builds upon professional skills through hands-on projects, a book study, guest speakers, and lessons regarding a variety of healthcare topics. Aspiring Medical Professionals are also able to further their understanding of the healthcare world by completing a rotational internship through local health systems. This course may be repeated for additional credit.



## High School Professional Studies Courses - continued

### **ASPIRING PROFESSIONALS – 1 OR 2 CR**

**093001200/093011200**

#### ***\*Park Hill Professional Studies Course***

Grade(s): 11, 12

Prerequisite(s): Instructor approval required. Students interested in Aspiring Professionals must fill out an application and complete an interview process prior to being accepted into the internship course.

Course Description: Students participating in Aspiring Professionals can earn between 1 or 2 credits, enrolling in one or two blocks each semester. Aspiring Professionals provide students with a professional-based work experience that enables students to work within a business context, clarify their college and/or career goals and develop their professional skills under the supervision, guidance and mentoring of an industry professional. This class is designed for students who want to participate in a professional experience within their chosen career path. Entrepreneurial projects developed by students in coordination with the Park Hill School District are the property of the individual student or students who create those projects.

### **ADVANCED ASPIRING PROFESSIONALS – 1 CR**

**093002200/093012200**

#### ***\*Park Hill Professional Studies Course***

Grade(s): 12

Prerequisite(s): Successful completion of Aspiring Professionals. Instructor approval required. Students interested in Aspiring Professionals must fill out an application and complete an interview process prior to being accepted into Professional Studies.

Course Description: Aspiring Professionals 2 builds upon professional skills through hands-on experiences directly working with a partner within a professional setting. Students will participate in an independent book study, and purposeful career exploration activities. Interns are placed in a professional setting(s) that meets the needs of their career exploration area. Entrepreneurial projects developed by students in coordination with the Park Hill School District are the property of the individual student or students who create those projects. This class is designed for students who want to expand their knowledge of a chosen career path and have taken the appropriate pre-requisite courses. This course may be repeated for additional credit.

### **COMPUTER INTEGRATED MACHINING AND MANUFACTURING – 4 CR 092751021**

#### ***\*MCC-BTC Program***

Grade(s): 11, 12

Prerequisite(s): None

Course Description: Students will learn to use manual lathes, manual mills and computer numerical control (CNC) equipment to manufacture precision metal parts. CIMM courses are designed to introduce the student to the manufacturing

environment, requirements and career opportunities of major technologies in industry. The courses will cover the history, setting of manufacturing and industry, safety, drawing, measurement and layout and shop equipment. Students work with the latest equipment in our state-of-the-art precision machining lab. In this Computer Integrated Machining and Manufacturing Early College track, students will have the opportunity to earn up to 42 college credits, OSHA certificates, as well as, Mill and Lathe certificates.

### **ENGINEERING TECHNOLOGY AND COMPUTER AIDED DESIGN AND DRAFTING – 4 CR 092750021**

#### ***\*MCC-BTC Program***

Grade(s): 11, 12

Prerequisite(s): None

Course Description: Students will learn to render a wide variety of technical systems, machines and products, visually interpret concepts and work with engineers to give form to ideas. This degree program covers CADD programs, parametric modeling, plus courses in architecture, machine design, civil design, blueprint reading and general education courses to earn an AAS degree and transfer to a four-year university. In this program, students will have the opportunity to earn up to 39 college credits, OSHA certificates and Computer Aided Design and Drafting certificate.

### **AUTOMATION OF INDUSTRIAL MACHINES – 4 CR 092752021**

#### ***\*MCC-BTC Program***

Grade(s): 11, 12

Prerequisite(s): None

Course Description: Students will learn about the world of automation and how computers control machines and robots in manufacturing, energy and utility industries. Students will multitask in this fast-paced program. Students will work in an environment that requires a wide variety of decision-making. This program will cover electrical, mechanical and electronic control systems. Students will have the opportunity to earn up to 42 college credits, OSHA certificates and Industrial Technology Level I certificate.

### **BUSINESS ACCELERATOR – 2 CR 092800140/240**

#### ***\*NORTHLAND CAPS Course***

Grade(s): 11, 12

Prerequisite(s): None

Course Description: Northland CAPS Business Accelerator course is designed for associates interested in developing, implementing and maintaining an actual goods or service enterprise. Associates partner with local, regional, national and international businesses to produce marketing plans, advertising and promotional plans, customer research, social media plans, event management, and strategic plans. They will utilize these contacts to create their own functioning business.

## High School Professional Studies Courses - continued

### **DIGITAL MEDIA AND DESIGN – 2 CR 092850140**

#### **\*NORTHLAND CAPS Course**

Grade(s): 11, 12

Prerequisite(s): None

Course Description: In this course associates will work with local professional partners to solve authentic professional problems using the language, concepts, equipment, and technical tools used in digital media and design. The strand is divided into four sub strands: graphic design, digital photography, video production and audio production.

### **ENGINEERING & ADVANCED MANUFACTURING – 2 CR**

**092820240**

#### **\*NORTHLAND CAPS Course**

Grade(s): 11, 12

Prerequisite(s): None

Course Description: This course is designed to study professionalism, and soft skills based from the NCAPS model with emphasis in career exploration and readiness. Students will have the opportunity to explore various fields of engineering, architecture, manufacturing, construction, and skilled trades through a project-based curriculum.

### **GLOBAL BUSINESS & LOGISTICS – 2 CR 092841140**

#### **\*NORTHLAND CAPS Course**

Grade(s): 11, 12

Prerequisite(s): None

Course Description: Northland CAPS Global Business and Logistics course is designed for students that are interested in an ever-changing world, where business and marketing decisions must adapt to the global economy, many times resulting in global expansion of the business. Students partner with local, regional, national and international businesses to produce marketing plans, advertising and promotional plans, customer research, social media plans, event management, and strategic plans. Students will be introduced to domestic and global business operations, economic and cultural factors, and a survey of marketing within the global economy. Additionally, the associate will review the challenges and rewards of business, management and entrepreneurial careers as well as the entrance strategies necessary to accomplish such choices.

### **MEDICINE AND HEALTHCARE – 2 CR 092830140**

#### **\*NORTHLAND CAPS Course**

Grade(s): 11, 12

Prerequisite(s): None

Course Description: Northland CAPS Medicine and Healthcare embeds associates in medical settings, providing authentic experiences in the dynamic field of medicine and healthcare. Alongside some of the region's most experienced medical professionals, associates will advance

their understanding of human physiology, disease process, medical terminology, patient care, professionalism, ethics, and explore many career opportunities in healthcare. In this course, associates will develop fluency in basic medical language, practice physical assessment skills, and perform patient care and procedures within a simulated environment. Associates will also learn from diverse healthcare providers as lecturers and mentors. Learning experiences may involve virtual site visits to medical and healthcare facilities, exposing associates to various medical professions, medical research, and innovative advancements. Additional opportunities will be available to explore the fields of dentistry, veterinary medicine, sports medicine, mental health, insurance, and optometry. The first few weeks of the course will be a Professional Boot Camp where associates practice and learn professional skills including communication and collaboration, time and project management, creativity and innovation, critical thinking and problem solving, and integrity and trust.

### **SENIOR ASSOCIATES – 2 CR 092870140**

#### **\*NORTHLAND CAPS Course**

Grade(s): 12

Prerequisite(s): Instructor Approval

Course Description: Northland CAPS associates that have attended with us during their junior year and return to the program for their senior year are called Senior Associates. These exceptional associates serve the program in a leadership role to current associates through facilitating and modeling professional skills. Senior Associates also serve their senior year in the program in a yearlong internship experience.

### **TECHNOLOGY SOLUTIONS – 2 CR 092810140**

#### **\*NORTHLAND CAPS Course**

Grade(s): 11, 12

Prerequisite(s): None

Course Description: This course will provide associates the opportunity to develop professional and technical skills through project-based learning. Students will discover technology by working collaboratively on a business project that encompasses many areas of technology, discovering in the process how each technical component contributes to the cohesive whole. The overarching goal of the project is to solve a business problem and/or improve the quality of people's lives. Students will work collaboratively with other Northland CAPS strands, e.g. Engineering and Advanced Manufacturing, Medicine and Healthcare, Global Business and Entrepreneurship, Digital Media and Design, and Global Logistics. Projects will encompass hardware and software applications, e.g. development of marketing collateral, logo development, web site design, and database development. Student will have mentors available who works as a technology professional.

## High School Professional Studies Courses - continued

### **AGRICULTURAL SCIENCES – ANIMAL SYSTEMS – 4 CR**

**092715120**

**\*NCC Course**

Grade(s): 11, 12

Prerequisite(s): Algebra I and Basic Science

Optional: 3 hours of dual credit through State Fair Community College

Course Description: This course is designed to expose students to agriculture, animal systems, and related career options. Students participating in the **Animal Systems** course will have experiences in various animal science concepts with exciting hands-on activities, projects, and problems. Students' experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. For example, students will acquire skills in meeting the nutritional needs of animals while developing balanced, economical rations. Throughout the course, students will consider the perceptions and preferences of individuals within local, regional, and world markets. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, and industry personnel, face in their respective careers. In addition, students will understand specific connections between animal science lessons and Supervised Agricultural Experience and FFA components that are important for the development of an informed agricultural education student. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community. This course of study includes: · Background and Social Issues of Animal Science · Anatomy and Physiology · Nutrition · Reproduction · Genetics · Animal Health · Animal Selection

### **AGRICULTURAL SCIENCES – PLANT SCIENCES – 4 CR**

**092705020**

**\*NCC Course**

Grade(s): 11, 12

Prerequisite(s): Algebra I and Basic Science

Optional: 3 hours of dual credit through State Fair Community College

Course Description: This course provides a foundation of plant systems knowledge and skills. Students will experience various plant systems concepts through exciting "hands-on" activities, projects, and problems. Student experiences will include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting. Students will learn how to apply scientific knowledge and skills to use plants effectively for agronomic, forestry, and horticultural industries. Students will discover the value of plant production and its impact on the individual, the local, and the global economy. Students will work on major projects and problems similar to those that plant science specialists, such as horticulturalists,

agronomists, greenhouse and nursery managers, and plant research specialists, face in their respective careers. Students will understand specific connections between the course's lesson and Supervised Agricultural Experience and FFA components of agricultural education programs. Students will improve investigative, experimental and communication skills. This course is intended to build a foundation on the Introduction to Agriculture, Food and Natural Resources course. The course is structured to enable all students to have a variety of experiences that will provide an overview of the plant industries. This course includes the following units of study: · Worlds of Opportunity · Mineral Soils · Soilless Systems · Anatomy and Physiology · Taxonomy · The Growing Environment · Plant Reproduction · Surviving a Harsh Environment · Crop Production and Marketing

### **AVIATION TECHNOLOGY I – 4 CR 092702820**

**\*NCC Course**

Grade(s): 11, 12

Prerequisite(s): Mechanical aptitude

Course Description: Instruction will include basic concepts in aircraft blueprints/drawings, avionics, aircraft structure/composition, aircraft sheet metal and welding, aircraft systems and components, safety and human factors. Students will also study the aerodynamics and performance of flying an Unmanned Aircraft in order to earn their remote pilot certificate.

### **AVIATION TECHNOLOGY II – 4 CR 092702920**

**\*NCC Course**

Grade(s): 12

Prerequisite(s): Successful completion of Aviation Technology I

Course Description: This program prepares students for continued education towards an associate degree and/or an Airframe and Powerplant Certification. Students may also enter immediate employment following their two-year program. Internship opportunities their 2<sup>nd</sup> semester of their senior year are available for qualified candidates.

### **CONSTRUCTION TECHNOLOGY I – 4 CR 092700120**

**\*NCC Course**

Grade(s): 11, 12

Prerequisite(s): Ability to read a tape measure, add and subtract fractions and calculate dimensions in feet and inches; work at various heights and lift 25 pounds. Textbook Lexile Level: 1210L - 1400L (11th grade to 14th grade)

Course Description: This program is competency-based and teaches skills and theory related to the building trades industry. Areas of study include framing, leveling, blueprint reading, building plans, specifications and codes, footings and foundations, and sheet rock hanging. Each student must pass a safety test to work around hand and power tools. The students are required to provide their own boots and clothing for working in hot and cold weather.

## High School Professional Studies Courses - continued

### **CONSTRUCTION TECHNOLOGY II – 4 CR 092700220**

#### **\*NCC Course**

Grade(s): 12

Prerequisite(s): Successful completion of Construction Technology I; Text Reading Level - 11th grade

Optional: 12 hours of college credit is available through Missouri Western State University after completing 2 years at NCC. 13 hours of college credit by exam is available through RTC after completing two (2) years at NCC. Advanced wage scale placement is available in the Construction Apprenticeship Program.

Course Description: The program provides advanced instruction on the construction of a building, which may include areas mentioned in Construction Technology I, as well as, rough framing, grading and measuring lumber, safety, and scaffolding work. Some commercial construction will be introduced including the use of metal studs and the differences in building codes and techniques. The completion of Construction Technology II will provide opportunities for employment in residential or commercial construction.

### **CULINARY ARTS I – 4 CR 092700520**

#### **\*NCC Course**

Grade(s): 11, 12

Prerequisite(s): Able to lift 50 lb. from the floor to a table; 9th grade math level; access to the internet from home; Text Reading Level - 12th grade

Optional: Students may earn their ServSafe Protection Certificate through the National Restaurant Association.

Course Description: The focus of study will be food service terminology, equipment identification and use, knife skills, basic food preparation, sanitation and safety. These skills and knowledge will lead to preparation methods for stocks, soups and sauces. Students will receive hands-on experience through assuming the role of steward (pot/dishwasher) and cooks' helper in the pre-preparation of meals. An understanding of multiplication, division, addition and subtraction of fractions and decimals, percent, and volume and weight measurement is essential.

### **CULINARY ARTS II – 4 CR 092700620**

#### **\*NCC Course**

Grade(s): 12

Prerequisite(s): Successful completion of Culinary Arts I; Text Reading Level - 12th grade

Optional: 7 hours of articulated credit is available through JCCC after completing 2 years and earning the American Culinary Federation Certified Fundamentals Cook or Pastry Cook Certification; 3 hours of credit by exam is available through JCCC after completing 2 years of Culinary Arts; 3 hours of articulated credit is available through The CIA after completing 2 years.

Course Description: Students will continue to gain hands-on experience with the preparation of daily meals consumed by students, staff and guests. Emphasis will be on plate

presentations, preparation and timing. Breakfast cookery, vegetables, starches and meats will be the focus of class work. Students will complete a nationally recognized sanitation exam. Successful completion of this course will prepare students for entry-level positions in full-service restaurants, hotels and continued education in a Culinary Apprenticeship program at the post-secondary level.

### **DIESEL TECHNOLOGY – MEDIUM/HEAVY DUTY TRUCK SYSTEMS – 4 CR 092700320**

#### **\*NCC Course**

Grade(s): 11, 12

Prerequisite(s): Mechanical Aptitude; Text Reading Level - 12th grade

Course Description: Instruction includes a study of troubleshooting and tune-up procedures. Powertrains, air and hydraulic brakes, basic hydraulics, steering and suspension systems are included in this course. An introduction to welding and automotive air conditioning basic theory helps round out the students' knowledge.

### **DIESEL TECHNOLOGY – ENGINES AND ELECTRICAL/ELECTRONIC SYSTEMS – 4 CR 092700420**

#### **\*NCC Course**

Grade(s): 11, 12

Prerequisite(s): Mechanical Aptitude; Text Reading Level - 12th grade

Course Description: Instruction will include a basic concept of diesel engine theory, general shop safety practices, basic hand tools, common fasteners, shop equipment, precision measuring devices, and identifying, assembling and reassembling component parts. Introduction to various fuel systems, cooling systems, lubricating systems, failure analysis, preventative maintenance and electrical systems are studied and related activities performed.

## High School Professional Studies Courses - continued

### HEALTH SCIENCES I – 4 CR 092700920

#### **\*NCC Course**

Grade(s): 11, 12

Prerequisite(s): Text Reading Level - 12th grade

(This is a one or two-year program); must have a Social Security number and pass state criminal background check; must not be on the state employment disqualification list; required to obtain a TB test on their own and provide documentation of results; hepatitis vaccination is encouraged; purchase uniform, name tag and wear appropriate clothing for clinical sites; knowledge in basic science and positive people skills encouraged. Every student spends 2 weeks at a nursing home chosen by the instructor. At the end of the first semester there is a written and performance test. If a student does not achieve a 60% on the performance test, he/she will not be recommended to return second semester. Due to the nature of off-site work, behaviors, academics (students must have a "C" average or be recommended by the instructor to return second semester), and attendance policies are strictly followed. Second semester, students spend 10 weeks in clinical sites and at this point must provide their own transportation. Students desiring to earn their Certified Nursing Assistant Certification (CNA) will work/volunteer at a long-term care facility. Students that do not want to earn their CNA will need to find work or volunteer experience at a health care facility.

Course Description: Health Sciences I teaches students basic health care, CPR, anatomy, common disorders and introduction to medical terminology. Students have the opportunity to take the Certified Nursing Assistant state test. The students will also explore a variety of careers in the health field including radiology, physical therapy, veterinary, dietary, respiratory therapy, medical records, dentistry, etc. to enable students to make an informed decision about a career in health care.

### HEALTH SCIENCES II – 4 CR 092711020

#### **\*NCC Course**

Grade(s): 12

Prerequisite(s): Text Reading Level: 10th grade+ Students must have a Health Sciences I overall GPA of an 80%, average employability grade of 85% or greater, and must have earned their CNA Certification during the 1st year. Students must also meet the attendance requirements by missing 10 days or less (waived days are included) and cannot have an Out-of-School Suspension or more than 2 discipline infractions and/or 3 days of ISS. Students will participate in 6 different medical related internships throughout the year. NCC will work to provide internships related to the student's interest but cannot guarantee an exact match. Students must provide their own transportation while on internship.

Course Description: Students will report to NCC one day a week for structured learning activities that include career development and planning, discussion, reflection, and research and writing. Students will begin their internship experience starting the third week of school. Students will be responsible for documenting their clinical internship experience hours for their instructor.

### HEATING/COOLING & CLIMATE CONTROL I – 4 CR 092701120

#### **\*NCC Course**

Grade(s): 11, 12

Prerequisite(s): Recommended algebra, physics, drafting, physical science and basic electricity; Text Reading Level 12<sup>th</sup> grade +

Optional: Six hours of college credit is available through MCC  
Course Description: This program provides competency-based instruction and teaches skills and theory relating to air conditioning, refrigeration and heating. Topics include occupational safety, hand and special tools, tubing applications, soldering, welding and brazing, basic mechanical refrigeration, EPA regulations, refrigerants, recovery, recycling and reclamation, evacuating, pressurizing, leak testing, and charging. Fundamentals of electricity, electrical power, circuits, symbols and diagrams, transformers and relays, thermostats, electric motors, capacitors, troubleshooting ACR system electrical circuits, and ACR wiring diagrams will also be covered. Operation and service of electrical and mechanical components will be applied to commercial and domestic systems. The first part of a two-part program, students will develop entry-level skills for employment in a variety of related fields.

### HEATING/COOLING & CLIMATE CONTROL II – 4 CR 092711220

#### **\*NCC Course**

Grade(s): 12

Prerequisite(s): Successful completion of Heating, Ventilation, Air Conditioning and Refrigeration I with a grade of no lower than a C, good disciplinary record at NCC and home school, meet attendance requirements, and recommendation from the instructor  
Optional: 12 hours of articulated college credit is available through MWSU after completing two 2 years of HCCC. Advanced wage scale placement is also available in the Pipe Fitter Apprenticeship Program.

Course Description: Competency based skills and theory relating to air conditioning, refrigeration and heating will be presented. The ability to diagnose mechanical and electrical failure will be developed, along with extensive use of equipment and troubleshooting of domestic and commercial systems. Domestic refrigerator, freezer and window air conditioner service, including mechanical components and functions, electrical components and control devices, domestic ice maker and window air conditioner service will be covered. Psychometrics for residential and commercial HVACR, standard and high efficiency gas fired furnaces, electrical heating and cooling systems, heat pumps, customer relations and service operations will be presented. Upon completion, the student will have developed skills and competencies for entry-level employment in related fields including commercial and residential service, as well as, continued education in the industry field.



## High School Professional Studies Courses - continued

### **INDUSTRIAL WELDING I – 4 CR 092711520**

#### **\*NCC Course**

Grade(s): 11

Prerequisite(s): 9<sup>th</sup> grade math level; previous drafting classes desirable; Text Reading Level 12th grade

Optional: 9 hours of dual credit from MCC. American Welding Society Level 1 Sense Training Certification: GMAW and SMAW processes.

Course Description: The program covers basic competencies and skills in flame cutting, fusion welding, oxygen-acetylene and shielded metal arc welding on carbon steel. Safety, blueprint reading and terminology are also included to help students gain a foundation for entry-level employment.

### **INDUSTRIAL WELDING II – 4 CR 092711620**

#### **\*NCC Course**

Grade(s): 12

Prerequisite(s): Successful completion of Industrial Welding I

Optional: Up to 18 hours of Dual Credit is available through MCC – some may be taken as a junior; 12 hours of articulated college credit is available through MWSU after completing 2 years; 1 hour of college credit by exam is available through MCC after completing 2 years; 15 hours of college credit by exam is available through RTC after completing 2 years; American Welding Society Level 1 Sense Training Certification: GMAW, SMAW, FCAW, and GTAW processes; advanced wage scale placement is also available in the Ironworkers Apprenticeship.

Course Description: Competencies and skills in fabrication techniques, advanced shielded metal arc welding, plasma arc cutting and gas tungsten arc welding on carbon steel, aluminum and stainless steel are covered. Further study of blueprint reading, welding symbols and basic metallurgy will prepare students for the AWS (American Welding Society) certification test which is administered annually.

### **IT PROFESSIONALS I – 4 CR 092711720**

#### **\*NCC Course**

Grade(s): 11, 12

Prerequisite(s): (This is a one- or two-year program); keyboarding or equivalent; minimum: academic levels in 10<sup>th</sup> grade writing and math; strong aptitude in computer applications, communications and comprehension; Text Reading Level 12<sup>th</sup> Grade

Optional: 6 hours of college dual credit is available through MCC.

Course Description: First year students will concentrate on Hardware, Software, and Networking. This includes computer repair and troubleshooting PC's and operating systems. Students will work toward earning their IT Fundamentals Certification and CompTIA A+ Certification. Students will also cover networking and learn basic Cisco router and switch configurations and protocols. Students have access to work on their skills 24/7 through the "TestOut" website. Due to the rigorous pace and content, it is recommended that students

have a strong interest and aptitude in the computer industry, have good study habits, and be able to work independently.

### **IT PROFESSIONALS II – 4 CR 092711820**

#### **\*NCC Course**

Grade(s): 12

Prerequisite(s): Successful completion of IT Professionals I

Optional: Up to 17 hours of college dual credit is available through MCC (some may be taken as a junior); twelve hours of articulated college credit is available through MWSU after completing two (2) years at NCC.; six hours of articulated college credit may be earned through STCM after completing two (2) years; twenty-nine hours of college credit by exam is available through RTC after completing two (2) years of IT Professionals.

Course Description: Second year students will learn advanced networking with servers, routing, and switching configurations for Local Area Networks and Wide Area Networks. These students are working toward their certification in CompTIA Network+. Students that have achieved their Network+ Certification will have the option of taking the Security+, Server+, or the CCNA Certification for Cisco. Students have access to work on their skills 24/7 through the "TestOut" website.

### **LAW ENFORCEMENT/CRIME SCENE INVESTIGATION I – 4 CR 092712100**

#### **\*NCC Course**

Grade(s): 11, 12

Prerequisite(s): Must be a student with a good high school disciplinary record and an interest in science and a general understanding of algebra/geometry concepts. Student must have an interest in law and the social rule. Text Reading Level - 10<sup>th</sup> grade+

Course Description: LE/CSI provides an introduction to the criminal justice system with emphasis on crime scene investigation. Topics covered are crime scene and accident investigation, professional ethics and leadership, US Constitutional Law and Missouri Criminal Code. The class is designed for those interested in pursuing careers in law, public safety, corrections, security, and crime scene investigation.

## High School Professional Studies Courses - continued

### LAW ENFORCEMENT/CRIME SCENE INVESTIGATION II

4 CR 092702200

**\*NCC Course**

Grade(s): 12

Prerequisite(s): Successful completion of LE/CSI I. Text Reading Level 10<sup>th</sup> grade+

Optional: Five hours of college credit is available through MCC after completing 2 years of LE/CSI.

Course Description: LE/CSI II provides second year students with a more in depth understanding of the criminal justice system and how it is applied to the everyday work force with an emphasis on crime scene investigation. Students will learn US Constitutional Law and its applications to the criminal justice system as a social rule.

### PRODUCTION TECHNOLOGIES I – 4 CR 092702420

**\*NCC Course**

Grade(s): 11, 12

Prerequisite(s): 9<sup>th</sup> grade math level, mechanical aptitude. Text Reading Level: 12<sup>th</sup> Grade

Optional: 10 hours of college dual credit is available through MCC – Please check for availability.

Course Description: This program allows students to earn dual credit towards an Associate's Degree and/or certification in a variety of areas related to the manufacturing industry (For example; CAD, CNC, HVAC, Industrial Electrical, Industrial Maintenance, Major Appliance Technology, Millwright, Welding and more). Cutting edge technology has changed the way products are manufactured in the United States and abroad. These changes have increased the need for specialized careers in the development and maintenance of the computers/machines that produce the goods we use on a daily basis. This program is located at the Northland Career Center but students will spend one day a week at Metropolitan Community College Business & Technology Campus in order to utilize a variety of their lab space and equipment and assist students in choosing the manufacturing career that is right for them. Students will also visit industries located in the Northland as a part of career exploration.

### PRODUCTION TECHNOLOGIES II – 4 CR 092702520

**\*NCC Course**

Prerequisite(s): Successful completion of Production Technologies I. Text Reading Level - 12<sup>th</sup> Grade

Optional: Up to 24 hours of college dual credit is available through MCC (some may be taken as a junior).

Course Description: Second-year curriculum will continue to focus on cutting edge technology in the manufacturing industry. Students will go more in-depth into the processes and controls of CNC equipment, electrical concepts, thermodynamics, robotics, and lean manufacturing to name a few. Students may earn a Manufacturing Technician I Certification or Manufacturing Specialist Certification and OSHA 10 Certification.

### TEACHING PROFESSIONS I – 4 CR 092702600

**\*NCC Course**

Grade(s): 11

Prerequisite(s): Must have a Social Security number; background check through Family Care Registry. In order to work off-site, it is highly recommended that students have their own transportation. Due to the nature of off-site work, behaviors, academics (students must have a "C" average or recommendation from the instructor to return at second semester), and attendance policies are strictly followed. Text Reading Level - 12<sup>th</sup> grade

Optional: 4 hours of Dual Credit is available through MWSU.

Course Description: This course off-sight training and observation of students at licensed childcare centers, preschools, and local public schools through the 8<sup>th</sup> grade. First year students will be placed at an observation site close to NCC. Students can earn 169 hours of observation time. Activities will include lesson planning and implementation coursework includes child development, child health, safety, learning environments, approaches to learning, CPR & First Aid training, employability skills, instructional practices, assessments, and behavior management.

### TEACHING PROFESSIONS II – 4 CR 092702700

**\*NCC Course**

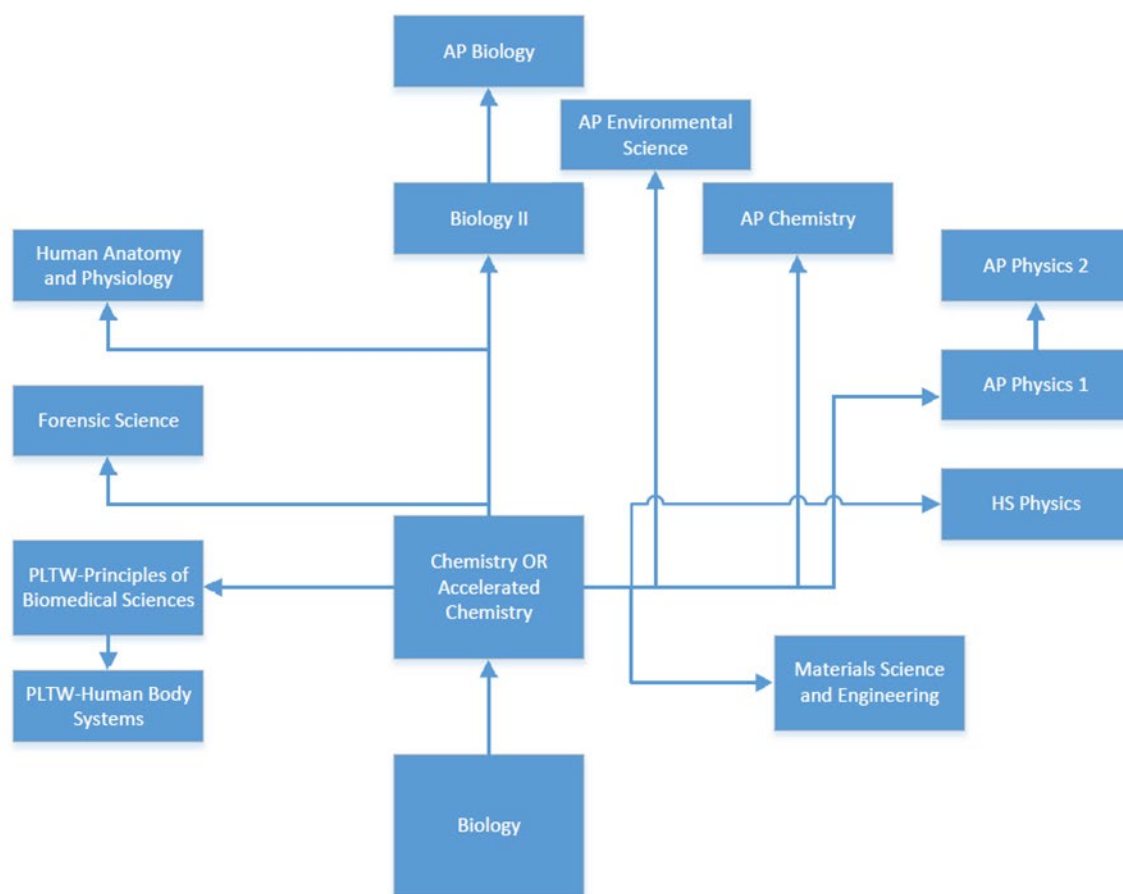
Grade(s): 12

Prerequisite(s): Successful completion of Teaching Professions I

Optional: Up to four hours of dual credit is available through MWSU (some hours may be taken as a junior).

Course Description: Second year students continue to gain a greater depth of child development, child health, safety and nutrition, learning environments, approaches to learning, employability skills, instructional practices, assessments, and behavior management. Students learn to teach, utilize lesson plans, develop curriculum, and classroom management skills. Students must complete their off-sight training at preschools and/or local public schools through the 8<sup>th</sup> grade. Three-hundred twelve (312) hours of observation time may be earned. Completion of the two-year program offers students the opportunity to earn their Child Development Associate Credential or their Youth Development Credential, which requires 480 observation hours. The Child Development Certification allows students to be lead teachers at the preschool level. Only students meeting competency, behavior, and attendance requirements may participate in a volunteer or paid internship.

# High School Science Courses



The Park Hill Science Department offers a curriculum and course sequence designed to meet the needs of all students. These classes range from introductory to Advanced Placement coursework.

## Sequencing of Coursework:

Biology and Chemistry are required for the graduating classes of 2018 and beyond. Four credits of science are highly recommended for college-bound students. Third level science courses require a scientific calculator. The recommended calculators for these classes are Texas Instruments with a model number less than 89. Such calculators can be used on both Advanced Placement exams and ACT exams. Students can visit <https://apcentral.collegeboard.org/> and [www.actstudent.org](http://www.actstudent.org) for more information regarding acceptable calculators.

### BIOLOGY I – 1 CR 092000100

Grade(s): 9, 10, 11, 12

Prerequisite(s): None

Course Description: Biology is an introductory high school science course that covers the principles governing all life. It includes topics in cells and cell reproduction, genetics, natural selection, ecology, and environmental issues. It provides the basis for study in the more advanced life science courses. This course is a prerequisite for all other biological sciences.

### BIOLOGY II – 1 CR 092000200

Grade(s): 10, 11, 12

Prerequisite(s): Biology I, Chemistry or Accelerated Chemistry

Course Description: This course covers the topics of Introduction to Advanced Biology, Chemistry of Life, Cell Structure and Function, Cellular Energetics, and Cell Cycle. The course incorporates a blend of lectures, hands-on inquiry-based labs, and independent learning. Unit assessments and final exams are college level and style. This course is a prerequisite for any student wishing to take AP Biology.

# High School Science Courses - continued

## ADVANCED PLACEMENT BIOLOGY – 1 CR 132000100

Grade(s): 10, 11, 12

Prerequisite(s): Biology II

Optional: See Dual Credit Section

Course Description: A college level biology course with a strong laboratory emphasis. College exams and laboratories are used. Topics of study include molecular genetics, microbiology, ecology and plant physiology/anatomy.

## CHEMISTRY I – 1 CR 092000300

Grade(s): 9, 10, 11, 12

Prerequisite(s): Biology

Course Description: This hands-on laboratory course is central to the foundation of all sciences. The course has some emphasis on mathematical applications, real-world scenarios, and problem solving. Topics of study include scientific processes, atom and the periodic table, structure of matter and its properties, chemical reactions, quantitative relationships using the mole, rates of reactions, equilibrium, energy transformation, nuclear energy, and electromagnetic radiation.

## ACCELERATED CHEMISTRY – 1 CR 092000400

Grade(s): 9, 10, 11, 12

Prerequisite(s): Biology

Course Description: Accelerated Chemistry is a college preparatory course designed to offer students the opportunity to master the conceptual and mathematical principles of chemistry. College-bound students or those pursuing a science related career, such as medical professions, engineering, lab technology, etc. should consider taking this course. Accelerated Chemistry is a pre-requisite for AP Chemistry.

## ADVANCED PLACEMENT CHEMISTRY – 1 CR 132000200

Grade(s): 10, 11, 12

Prerequisite(s): Accelerated Chemistry

Optional: See Dual Credit section

Course Description: The college course in general chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated, the time spent on the course by students, and the nature and the variety of experiments done in the laboratory. This course is available for 10 hours of dual credit.

## PHYSICS – 1 CR 092000800

Grade(s): 10, 11, 12

Prerequisite(s): Chemistry or Accelerated Chemistry; Algebra

Course Description: This course emphasizes the conceptual role physics plays in everyday life, thus helping students better understand the scientific issues affecting society. Topics of study include force & motion, conservation of momentum & energy, and the wave nature of matter with applications to sound, light and electricity.

## ADVANCED PLACEMENT PHYSICS 1 – 1 CR 132000500

Grade(s): 10, 11, 12

Prerequisite(s): Chemistry or Accelerated Chemistry, Trigonometry or Accelerated Trigonometry

Course Description: AP Physics 1 is an introductory first-year, algebra-based, college level course for the student interested in medicine or engineering. Topics of study include: Linear & Rotational motion, Momentum & Energy Conservation, Oscillations, and basic Electrical Circuits & Sound.

## ADVANCED PLACEMENT PHYSICS 2 – 1 CR 132000600

Grade(s): 10, 11, 12

Prerequisite(s): AP Physics I

Course Description: AP Physics 2 is a follow up to AP Physics 1. The course is structured around the same Big Ideas as AP Physics 1 but the topics of study extend to those that are considered part of a second-year college course. Topics of study include: Fluids, Thermodynamics, Electricity & Magnetism, and Optics & Modern Physics.

## HUMAN ANATOMY & PHYSIOLOGY – 1 CR 092000600

Grade(s): 10, 11, 12

Prerequisite(s): Chemistry or Accelerated Chemistry

Course Description: Human Anatomy and Physiology explores the inner workings of the human body and focuses on anatomical and medical terminology. This course is the perfect foundation for students wanting to expand their vocabularies and learn about the body and its levels of organization, as well as the cooperation required between those levels. The text used in this course is written at the college level and should facilitate a smooth transition for students pursuing a postsecondary education. Students will round out the semester with a dissection unit where they observe structures closely analogous to the human body in a preserved adult cat. This dissection will focus on our primary units of study for the semester: histology, blood, the cardiovascular system, the skeletal system, the digestive system, and the reproductive system. Students will dissect, observe, and have hands on experience seeing what these systems look like in an actual specimen.

## FORENSIC SCIENCE – 1 CR 092020100

Grade(s): 10, 11, 12

Prerequisite(s): Chemistry or Accelerated Chemistry

Course Description: Forensic science is the application of science (chemistry, physics, and biology) to the criminal and civil laws that are enforced by police agencies in a criminal justice system. It includes the investigation of fingerprinting, fiber analysis, ballistics, arson, trace evidence analysis, poisons, drugs, blood splatters and blood samples. Students are taught the proper collection, preservation and laboratory analysis of various samples.

## High School Science Courses - continued

### **MATERIALS SCIENCE & ENGINEERING – 1 CR 092019100**

Grade(s): 10, 11, 12

Prerequisite(s): Chemistry or Accelerated Chemistry

Course Description: This course involves the study of solid matter. Five major units of study form the basis of the MSE course: solids, metals, ceramics/glass, polymers (plastics), and composites. We will study the properties along with the design, and manufacturing of each major solid category. A heavy hands-on, lab-based approach is used in this class. Learning will involve working in small groups, writing as a means of learning, participation in demonstrations and activities, using community experts in materials, showing videos, and using a large variety of written resources including current event articles.

### **ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE – 1 CR 132000400**

Grade(s): 11, 12

Prerequisite(s): Chemistry or Accelerated Chemistry

Optional: See Dual Credit Section

Course Description: This course is designed to be the equivalent of a one-semester introductory college course in Environmental Science. Its goal is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems (pollution, global warming, dwindling resources) both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Topics covered will include: Earth systems and resources, ecology, population dynamics, energy resources and consumption, alternative energy, pollution, global change, global warming and human's impact on the Earth.

### **PLTW PRINCIPLES OF BIOMEDICAL SCIENCES – 1 CR 092030100**

Grade(s): 10, 11, 12

Prerequisite(s): Chemistry or Accelerated Chemistry

Optional: Tentative College Credit –See Dual Credit section

Course Description: Students investigate various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, and research processes. This course provides an overview of all the courses in the Biomedical Sciences program and lays the scientific foundation for subsequent courses. © 2014 Project Lead The Way

### **PLTW HUMAN BODY SYSTEMS – 1 CR 092040100**

Grade(s): 10, 11, 12

Prerequisite(s): Principles of Biomedical Sciences

Optional: Tentative College Credit –See Dual Credit section

Course Description: Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real-world cases, and often play the role of biomedical professionals to solve medical mysteries. © 2014 Project Lead The Way





# High School Social Studies Courses

The goal of the Social Studies Department is to introduce students to the disciplines of history, economics, political science, geography, and the social sciences. This is accomplished through a variety of required and elective courses offered from grades nine through 12. Throughout all courses, critical thinking, research, and writing skills are emphasized. It is hoped that a graduating senior will leave the Park Hill School District with a broad understanding and knowledge of the world, as well as the skills necessary for productive citizenship.

## REQUIRED SOCIAL STUDIES COURSES:

- World History
- American History or AP US History
- Constitutional Government/Economics or AP Government

### WORLD HISTORY – 1 CR 092402500

Grade(s): 9

Prerequisite(s): None

Course Description: This course spans the events of global history from the beginnings of civilization and extending into modern day. Various themes will be explored throughout the study of history including government, economics, geography, cultures and social systems. Activities include primary source analysis, simulations, debates, cooperative learning, and research projects. This course is the foundational course for all other courses in social studies.

### AMERICAN HISTORY – 1 CR

Grade(s): 11

Face-to-Face: 092400500

Online: 092400502

Prerequisite(s): World History

Course Description: American History is a required eleventh grade course focused on the time span from Reconstruction to the 21<sup>st</sup> Century, with special emphasis on the U.S. Constitution and Missouri history. Extra attention will be given to the modern era, especially post World War II through September 11, 2001 through the study of politics, people, social movements, as well as the history of the United States' domestic affairs and its involvement in international events. Primary sources, simulations, as well as group activities, reports, and major projects are avenues for students to demonstrate their depth of knowledge.



### CONSTITUTIONAL GOVERNMENT/ECONOMICS – 1 CR

Grade(s): 12

Face-to-Face: 092401100

Online: 092401102

Prerequisite(s): World History and American or AP US History

Course Description: Government/Economics is a required course for seniors. The course covers United States and state government, including U.S. and Missouri Constitutions. There



is use of primary sources and writing. There is a strong civics component to this course. Additionally, this course includes topics such as the nature of economics, demand and supply in the marketplace, business in the free enterprise system and government and the economy.

## ELECTIVES:

### AFRICA AND AFRICAN AMERICAN STUDIES – 1 CR

**092400100**

Grade(s): 10, 11, 12

Prerequisite(s): World History

Offered: Even years (school years that begin with an even year)

Course Description: An elective course that examines the history and culture of Africa and the African American experience in an interdisciplinary format, including an analysis of the unique historical, cultural, and social developments from the Middle Passage to the present day. The course will address the literary and artistic contributions of African Americans to American culture. Critical thinking, reading, writing, and oral presentation skills are emphasized.

### ASIA AND ASIAN AMERICAN STUDIES – 1 CR 092400700

Grade(s): 10, 11, 12

Prerequisite(s): World History

Offered: Even years (school years that begin with an even year)

Course Description: This course explores the history and culture of Asia from its earliest beginnings to the modern era. The examination of Asia will focus on the geography, institutions, traditions, belief systems, and contemporary issues that have shaped and continue to shape East, Southeast, South, and Southwest Asia (the Middle East). The course traces historical relationships among Asian nations and regions involving cultural diffusion, trade, conquest, and colonialism and how these have impacted Asia. It also will explore the experience of Asian Americans in today's society and how their experience has changed throughout the years. Furthermore, this course will consider how globalization has affected Asia's relationship with the rest of the world.

### THE AMERICAN CIVIL WAR AND RECONSTRUCTION – 1 CR

**092400300**

Grade(s): 10, 11, 12

Prerequisite(s): World History

Course Description: This course will introduce the American Civil War era from the earliest seeds of disunion at the Constitutional Convention to the end of Reconstruction. Particular attention will be given to events that unfolded in Missouri and the Trans-Mississippi Theatre and the subsequent results in the region. Students will participate in simulations, group activities and individual presentations.

# High School Social Studies Courses - continued

## EMERGING LEADERS – 1 CR 092400800

Grade(s): 9, 10, 11, 12

Prerequisite(s): Open to all grades with an application/interview

Course Description: The Emerging Leaders program combines experiential and project-based learning to empower students to make a difference on their campus, community, and world. Through small and large group discussions, team building activities and community engagement, students will actively pursue topics such as collaborative leadership, leadership styles, ethics and decision making while exploring the power of risk taking, communication, and facilitation.

## CURRENT EVENTS – 1 CR 092401200

Grade(s): 10, 11, 12

Prerequisite(s): World History

Course Description: Using current events, this elective course focuses on world and local issues that affect students' everyday lives, such as economics, government and conflict. This course uses newspapers, online media, cartoons, and newscasts to support class discussion. Additionally, students participate in group projects, presentations and work with primary source materials and opinion pieces in order to better understand the world around them.

## HUMANITIES: CLASSICS – 1 CR 092401600

Grade(s): 10, 11, 12

Prerequisite(s): World History

Course Description: A humanities based, in depth examination of the Greek and Roman Civilizations that are the foundation of the modern western world. Primary sources from classical literature, drama, poetry, history, and art will comprise the core instructional material. Critical thinking, analysis and writing skills are emphasized.

## LATIN AMERICA AND LATINO STUDIES – 1 CR 092401700

Grade(s): 10, 11, 12

Prerequisite(s): World History

Offered: Odd years (school years that begin with an odd year)

Course Description: An elective course that examines Latin American culture, history, society, and geography. Students will study in-depth the cultural and ethnic distinctions that exist between Latin-American countries, both historical and contemporary. This course will emphasize critical thinking, writing, and analysis. Current events and issues in the Latin-American world will be incorporated.

## PSYCHOLOGY – 1 CR

Grade(s): 10, 11, 12

Face-to-Face: 092402000

Online: 092402002

Prerequisite(s): World History

Course Description: An elective class that presents basic information on the history and present use of psychology. The course includes the behavior of the individual in areas of growth and development, perception, learning, attitudes, motivation, emotions, conflict, personality, abnormal behavior, mental health and social behavior. The course uses video critiques, projects and group assignments, as well as essay and standard testing.



## PHILOSOPHY – 1 CR 092401800

Grade(s): 10, 11, 12

Prerequisite(s): World History

Course Description: A challenging elective course that examines the foundations of logic, ethics and aesthetics in the classical tradition. Primary sources from the classical world, particularly Greece, constitute the main emphasis of reading and discussion. A high degree of competence and confidence in reading and writing is encouraged.

## SOCIOLOGY – 1 CR 092402100

Grade(s): 10, 11, 12

Prerequisite(s): World History

Course Description: An elective course centered on the behavior of people in groups. Topics included are socialization, institutions, social interaction, social change, collective behavior, and competition in society. Activities include library research, group activities and simulations, as well as standard testing.

## WOMEN'S STUDIES – 1 CR 092402300

Grade(s): 10, 11, 12

Prerequisite(s): World History

Offered: Odd years (school years that begin with an odd year)

Course Description: The main focus of this course will be women and their societal advancement through American History. Discussion of the status of women in a more global perspective will occur. Women's Studies examine the experiences and contributions of diverse groups of women in American society. This course will provide knowledge about the social role of women and their involvement in areas such as health, history, and political activism. The course will also provide knowledge about gender stereotypes and how this affects the learning process.

## ADVANCED PLACEMENT EUROPEAN HISTORY – 1 CR 132400100

Grade(s): 10, 11, 12

Prerequisite(s): World History

Course Description: A rigorous course covering European History from the period of the Renaissance to the present. The course is analysis of primary source documents and discussion. The course is a standard first-year college course. Critical thinking and writing skills are emphasized. The student will be expected to do daily reading outside of class.

## ADVANCED PLACEMENT GOVERNMENT AND POLITICS: U.S. 1 CR 132400500

Grade(s): 12

Prerequisite(s): World History, American History or AP U.S. History

Course Description: AP United States Government and Politics focuses on providing students with an introduction to understanding how the various branches of the government interact and impact each other. The course covers the key founding documents and principles of the U.S. government, and how the government has evolved over time. There is also an emphasis on the roles of the courts and key cases that have shaped the political landscape.

## High School Social Studies Courses - continued

### ADVANCED PLACEMENT HUMAN GEOGRAPHY – 1 CR

**132400200**

Grade(s): 9, 10, 11, 12

Prerequisite(s): World History

Course Description: An intense elective course offered to students who are interested in a class that introduces them to spatial concepts, landscape analysis, human social organization, and interaction between geographical phenomena.

### ADVANCED PLACEMENT MICROECONOMICS – 1 CR

**132400900**

Grade(s): 11, 12

Prerequisite(s): World History

*\*Offered every other year based on enrollment requests*

Course Description: AP Microeconomics is a course that focuses on the principles of economics that apply to the functions of individual economic decision-makers, both consumers and producers, within the economic system. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students evaluate the efficiency of the outcomes with respect to price, output, consumer surplus, and producer surplus. They will also examine the behaviors of households and businesses in factor markets, and learn how the determination of prices, wages, interest, and rent influence the distribution of income in a market economy. The course offers opportunities to consider instances in which private markets may fail to allocate resources efficiently and to examine various policy alternatives aimed at improving the efficiency of private markets. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

### ADVANCED PLACEMENT MACROECONOMICS – 1 CR

**132400300**

Grade(s): 11, 12

Prerequisite(s): World History

*\*Offered every other year based on enrollment requests*

Course Description: AP Macroeconomics is a course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students will learn how the measures of economic performance, such as gross domestic product (GDP), inflation, and unemployment are constructed and how to apply them to evaluate the macroeconomic conditions of an economy. The course recognized the global nature of economics and provides ample opportunities for students to examine the impact of international trade and finance on national economies. Various economic schools of thought are introduced as students consider solutions to economic problems. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

### ADVANCED PLACEMENT PSYCHOLOGY – 1 CR 132400400

Grade(s): 10, 11, 12

Prerequisite(s): World History

Optional: Tentative Dual Credit - See Dual Credit Section

Course Description: Advanced Placement Psychology is the equivalent of a college introductory psychology course. This is a rigorous and demanding course, intended to provide the scope and level of accomplishment expected in a college/university setting. The curriculum for this course places a heavy emphasis on essential readings, writing assignments, independent projects, and frequent tests intended to prepare students for the AP Exam. The instructor's role is to facilitate your drive and accomplishment by structuring learning situations and selecting learning tools to help you attain your goals: a successful score on the AP Psychology Exam, an enrichment of your life through the acquisition of psychological knowledge, and enjoyment of the course.

### ADVANCED PLACEMENT WORLD HISTORY: MODERN – 1 CR

**132408000**

Grade(s): 10, 11, 12

Prerequisite(s): World History

Course Description: A rigorous course covering world history from 1200 CE and beginning with a study of the civilizations in Africa, the Americas, and Asia that are foundation to the modern era. The course is primarily concerned with the evolution of global processes and contacts in interactions with different types of human societies. Lecture analysis of primary source documents and discussion will be the standard approach to the course content. Critical thinking and writing skills are emphasized. The student will be expected to do daily reading outside of class.

### ADVANCED PLACEMENT US HISTORY – 1 CR 132400600

Grade(s): 11, 12

Prerequisite(s): World History

Optional: Tentative College Credit – See Dual Credit section

Course Description: This course is a rigorous survey course of US History from discovery to the present. The course is a standard first-year college course equivalent to two semesters (History 120 and 121) and is designed to prepare the students for success on the AP exam in the spring. The course is primarily lecture, analysis of primary source documents, and discussion. Critical thinking and writing skills are emphasized. The student is expected to do daily reading outside of class.



# High School Special Education Courses

In compliance with Public Law 94:142 and the amendments in the Individuals with Disabilities Education Act of 2004 (IDEA), the Park Hill School District provides Special Services to students with special needs. The Special Services team provides individualized instruction through the development of an Individualized Educational Plan (IEP) that is reviewed and revised annually. A full continuum of special education services is available to meet the needs of students with all categories of disabilities in the Park Hill School District.

Park Hill Special Services Special Education Classes

## **Regular Education Curriculum with Accommodations**

Students with disabilities may be scheduled into a team-taught class with a regular education teacher and a special education teacher. The special education teacher's role is to provide classroom accommodations, which allow students to be successful in a regular class setting.

## **ACADEMIC SUPPORT (PHS ONLY)**

English Language Arts and Math Support are resources designed to support students at all levels. Students have the opportunity to receive reinforcement of concepts, assistance on assignments for their academic classes, accommodations for testing, and other classroom support.

## **ENGLISH LANGUAGE ARTS**

English Language Arts 1, English Language Arts 2, English Language Arts 3 and English Language Arts 4 are offered. Instruction focuses on key concepts of these content areas. These classes are offered on an as-needed basis and cover the course expectations of the regular education curriculum at the pace and instructional style appropriate to students' needs.

## **MATH**

Pre-Algebra, Algebra, and Geometry classes are offered and cover the course level expectations of the regular education curriculum at the pace and instructional style appropriate to students' needs. Basic Math (9<sup>th</sup> Grade) and Consumer Math (12<sup>th</sup> Grade) are offered on an as-needed basis. Skills such as budgeting, managing a checking account, counting money, practicing measurement skills, and learning about time are included.

## **SCIENCE**

Biology, Chemistry and Forensic Science are offered. Instruction focuses on major concepts. These classes are offered on an as-needed basis and cover the course expectations of the regular education curriculum at the pace and instructional style appropriate to students' needs. Active learning including labs and individual projects are emphasized.

## **SOCIAL STUDIES**

American History, World History, and Government/Economics are offered. Instruction focuses on key concepts of these content areas. These classes are offered on an as-needed basis and cover the course expectations of the regular education curriculum at the pace and instructional style appropriate to students' needs.

## **ESSENTIAL SKILLS COURSES**

Functional reading, writing, math, science and social studies skills are emphasized and how they apply to daily and independent living. Hands-on activities will include pre-vocational tasks, daily living tasks and workshop simulations.

## **EMPLOYMENT SKILLS**

Grade(s): 11 and 12

This course provides the student an opportunity to develop skills necessary to make informed decisions regarding post high school outcomes. Skills necessary to secure and maintain employment are emphasized

## **EMPLOYMENT SKILLS II (Jones Center only)**

Grade(s): 12

This course provides the student an opportunity to further develop skills necessary to make informed decisions regarding post high school outcomes. Skills necessary to secure and maintain employment are emphasized.

## **INDEPENDENT LIVING SKILLS**

PHHS: Grade 12

PHS: All Grades

This class focuses on skills students need to be successful to live independently after high school. Emphasis is placed on skills such as budgeting, locating and renting housing, obtaining loans/credit, and utilizing community resources.

## **CAREER CONNECTIONS**

Grade(s): 12

This course focuses on the skills students need to be successful in the transition from school to work. Students will participate in either campus-based or off-campus non-paid work experiences to enhance the educational experience. Students will participate in meaningful career exploration and learn and practice positive work attitudes, behaviors, and skills; learn first-hand about employers' expectations. Students will learn and practice self-advocacy and problem-solving skills.

## **INTERPERSONAL COMMUNICATION CLASS (PHHS only)**

This course is designed for the student who would benefit from developing their self-advocacy and personal communication skills. Throughout the semester, role-playing, class discussions, videos and modeling positive interactions will be implemented to assist students in expanding positive personal traits.

## **WORK STUDY RELEASE**

This is a program operated jointly by the school district and Vocational Rehabilitation. Students determined eligible by Vocational Rehabilitation criteria may receive school credit for hours worked. Transition evaluations, vocational assessments, employment counseling, job development, on the job training, and job coaching are services available to eligible students.