

King City R-I

Career & Educational Planning Guide

2022-2023

Missouri Department of Elementary and Secondary Education; Guidance and Counseling Career Education Coordinators

January, 2012

The Career & Educational Planning Guide is available online:

(www.kingcityschools.org)

**Table of Contents**

**General Information**

Letter of Introduction …………………………………………………4

Mission, Philosophy & Vision ………………………………………..5

Frequently Asked Questions …………………………………………6

**Graduation Requirements**

High School Requirements ………………………………………..…7

Minimum Post-High School Admissions Requirements ……………..8

**Athletic Eligibility**

Missouri State High School Activities Association Eligibility………..9

National Association of Intercollegiate Athletics Requirements ……..9

National Collegiate Athletic Association Requirements………………9

National Collegiate Athletic Association Eligibility Center…………..10

**High School Special Programs**

A+ Schools Program ………………………………………………….11

Dual Credit …………………………………………………………….11

Dual Enrollment………… …………………………………………… 11

Upward Bound……..….…………………………………………….…11

Hillyard Technical School…………………………………………...…11

**Career Planning**

Purpose of Career Clusters …………………………………………….12

Career Planning Common Language …………………………………..13

Career Preparation, Choices After High School……………………..…14-15

Career Paths & Clusters ..………………………………………………16-18

Program of Study Templates by Cluster ………………………………19-53

Sample Personal Plan of Study ………………………………………..55-56

Missouri Connections………………………………………………….57

**Course Descriptions**

Course Descriptions by Department ………………………………….59-66

Missouri Area Career Center Program Offerings ………………….…67-68

**Additional Learning Opportunities**

Clubs & Organizations ………………………………………………..69

Assessments ………………………………………………………..…70

GENERAL INFORMATION

August 2022

Dear Parents and Students.

This Career and Educational Planning Guide is intended to assist students as they make plans for a career that will lead to a rewarding and enjoyable future. We urge students and parents to work with the school faculty to review the information in this book in preparation for creating the students’ personal plan of study. Each year you will annually revisit the student’s personal plan of study. The personal plan of study is the student’s unique plan of study which outlines courses that align with future education and career goals. When students see the relevancy of high school course work to what they aspire to in their future, they are more apt to take school more seriously and enroll in more rigorous courses. Remember course selection is very important and schedule changes can be very difficult.

Parent, please familiarize yourself with the abundance of information in this book and actively participate with your school and student in creating and reviewing your child’s personal plan of study. Students rank parents as the most influential people in their lives. Challenge your students to set high standards, select courses and school activities which directly help them achieve personal and career goals, work hard to achieve these goals and attend classes daily. Embrace the power of your influence and genuinely engage in educational pursuits with your child(ren).

We look forward to partnering with you for a successful year. Please don’t hesitate to contact us if we can be of assistance.

Sincerely,

Erin M. Hunter

School Counselor

**District/Building Mission Statement**

The King City R-I School District challenges everyone involve in the educational process to utilize their strengths to find success while holding the ideas of education in the highest regard, thereby becoming positive contributors to both community and society

**District/Building Vision Statement**

We believe that the most promising strategy for achieving the mission at the King City R-I School District is to develop our capacity to function as a Professional Learning Community. We envision a school in which all stakeholders will work collaboratively to achieve a common purpose and clear goals:

* Utilizing a variety of instructional strategies to promote the academic success of all students.
* Systematically monitoring and evaluating each student’s progress through varied assessments, providing interventions to ensure students success.
* Demonstrating personal commitment to the academic success and general well-being of all.
* Aligning and teaching all curriculums in accordance with Missouri State Standards.
* Uniting parents and staff to share resources, strategies, and information to help students succeed.

**District/Building Philosophy**

The King City R-I School District believes that the guidance program is an important and integral part of the overall education process.

Since students develop emotionally, socially, and educationally, the guidance program must address the issue of total growth and development. Growth and learning are developmental; therefore, guidance must be developmental and sequential. The need for guidance begins with pre-school entrance and continues throughout life.

The K-12 developmental program is concerned with all students while recognizing the fact that individuals have needs that will continue to require special attention. As a result, the comprehensive guidance program is for all students and becomes developmental rather than crisis oriented.

It is the belief of the King City R-I counselors that if students become aware of their own strengths, aptitudes, interests and values, they will be better able to make decisions regarding their future development, education, careers, and lives.

##### Frequently Asked Questions………

#### May I repeat a course for graduation credit?

Most of the courses in our high school curriculum are designed to be taken only once for credit. Exceptions include- Yearbook, Band, Choir, PE.

#### What happens if I fail a semester of a required full year (2 semester) course?

You must repeat the semester that you failed.

**May I change my schedule at semester if I don’t like a class I am taking?**

Yes, if there is a class that you can go into at semester.

#### What is the number of credits needed to graduate from high school?

The graduating class of 2023 must have 26. Students attending Hillyards would be exempt .25 credits for every semester that they are at Hillyards up to 2 total credits- 24.5 credits would be necessary for graduation if they were there for 2 full years/4 semesters.

#### Do any classes which I took in junior high count toward high school credit?

No. However, if you take Algebra I as an eighth grader you will be taking Geometry as a freshman.

**May I change my schedule at semester if I don’t like a class I am taking?**

Students will have the ability to change their schedule at semester if they desire. However, students will not be able to leave a course that is required for graduation. Students will not be permitted to leave a full year class without a good reason. Drop Forms will be available from the Counselor’s Office at the end of first semester and at the beginning of the second semester. The teacher, principal, counselor, and parent must sign off on the form before a student will be removed from a class.

**Can I earn college credit while in high school?**

Yes. We offer several dual credit classes. There are requirements to enroll in these classes. See the counselor for additional information.

**What is the number of credits needed to graduate from high school?**

Students who graduate from King City R-I High School need 26 credits to graduate. Students who attend Hillyard Technical School in St. Joseph, Missouri have a reduced number of credits needed to graduate.

**Why should I take Spanish?**

While not a graduation requirement, it is strongly recommended that students take two years of Spanish during high school to meet college admission requirements. Top tier colleges are often looking for at least two years of a foreign language to meet with their standard admission requirements.

**What is the attendance policy?**

Student’s absences will be limited to seven days per semester. This limit will be calculated for each hour of the day. Extended illnesses will be treated on a case-by-case basis. After the seventh absence any work or test assigned on days missed, the student will not be allowed to make up and will take a zero.

GRADUATION REQUIREMENTS

|  |  |
| --- | --- |
| **HIGH SCHOOL COURSE GRADUATION REQUIREMENTS** | |
| **CURRICULAR**  **AREAS** | Graduation |
| **COMMUNICATION SKILLS** | 4 units  (Must include 1 unit in a core English class for each grade 9-12) |
| **SOCIAL STUDIES** | 3 units  (Must include 1 unit Am. History, 1 unit World History, 1 unit American Government) |
| **MATHEMATICS** | 3 units  (Must include 1 unit Algebra IA, Geometry, and Algebra IB or 1 unit Geometry, Algebra II, and Trigonometry or 1 unit of Algebra I, Geometry, and Algebra II) |
| **SCIENCE** | 3 units  (Must include 1 unit Physical Science and Biology I and an additional science) |
| **FINE ARTS** | 1 unit |
| **PRACTICAL ARTS** | 1 unit |
| **PHYSICAL**  **EDUCATION** | 1 unit |
| **PERSONAL FINANCE** | 1/2 unit |
| **HEALTH** | 1/2 unit |
| **ELECTIVES** | 9 units |
|  |  |
| **Totals** | 26 units |

# MINIMUM MISSOURI POST-HIGH SCHOOL EDUCATION

**ADMISSIONS REQUIREMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CURRICULAR**  **AREAS** | **Entering Freshman**  **University of Missouri**  **System Credit**  **Requirements** | Missouri Public 4 Year Colleges **(UCM, MSU)**  **Credit**  **Requirements** | **Community & Technical Colleges** | **Military**  **Careers** | **Apprenticeships** |
| **COMMUNICATION**  **SKILLS** | 4 Units | 4 Units | High School  Diploma, GED, or a Completion of Home School Program | High School  Diploma | Most Require a High School Diploma or a GED and must be at least 18 years of age |
| **SOCIAL STUDIES** | 3 Units  Govt ½ | 3 Units  Govt ½ |
| **MATHEMATICS** | 4 Units  Alg I & Higher | 4 Units  Alg I & Higher |
| **SCIENCE** | 3 Units  2 of 3 from Bio, Chem, Physics & Earth Science | 3 Units  No General Science 1 must be a lab class |
| **FINE ARTS** | 1 Unit | 1 Unit |
| **PRACTICAL ARTS** | 0 Units | 0 Units |
| **PHYSICAL**  **EDUCATION** | 0 Units | 0 Units |
| **ELECTIVES** | 5 Units | 6 Units |
| **ADDITIONAL**  **ELECTIVES** | 2 Units  2 Years of the same foreign language | 3 Units selected from foreign language &/or core courses |
| **TOTALS** | 22 Units  Plus appropriate class rank and a minimum score of 24 on ACT | 23 Units  Plus appropriate class rank and ACT score |

GENERAL INFORMATION

GENERAL INFORMATION

ATHLETIC ELIGIBILITY

#### Missouri State High School Activities Association Eligibility (MSHSAA)

Knowing and following all MSHSAA standards will enable a student to protect his/her eligibility for MSHSAA interscholastic competition. Activity participation should be for all students making appropriate progress toward graduation and otherwise in good standing.

Grades 9-12:

Grades received the preceding semester will determine eligibility to participate in interscholastic activities.

* The student shall have earned, the preceding semester, a minimum of 3.0 units of credit. This means to pass 6 of 7 classes the previous semester.
* The student shall currently be enrolled in and regularly attending courses that offer 3.0 units of credit. (student aides, etc does not count as a full class)
* A beginning ninth grade student shall have been promoted from the eighth grade to the ninth grade for first semester of eligibility.
* A student must be making satisfactory progress towards graduation as determined by local school policies.  
  There is a maximum age limit for participation

**National Association of Intercollegiate Athletics (NAIA)**

For information about eligibility to play NAIA athletics, go to www.playnaia.org.

**National Collegiate Athletic Association (NCAA)**

Before a student is eligible to participate in college athletics at the NCAA Division I or Division II level, the NCAA Clearinghouse must certify the student. Part of that certification process includes making sure that the student has successfully taken the required number of core courses. The required number of core courses is listed below. For further requirements to be deemed eligible contact the Guidance Office.

**CORE UNITS REQUIRED FOR NCAA CERTIFICATION**

**Division I Division II**

**English Core 4 years 4 years**

**Mathematics Core 3 years 3 years**

**Science Core 2 years 2 years**

**Social Studies Core 2 years 2 years**

**From English, Math, or Science 3 years 3 years**

**Additional Core** (English**,** Math, Science,

Social Science, Foreign Language, Computer

Science, Philosophy, Non-doctrinal Religion) **4 years 4 years**

**TOTAL CORE UNITS REQUIRED 16 16**

**\*IMPORTANT NOTE:** Be sure to look at your high school’s list of NCAA-approved core courses on the Eligibility Center’s Web site to make certain that courses being taken have been approved as core courses. The Web site is www.eligibilitycenter.org.

### National Collegiate Athletic Association (NCAA) Eligibility Center

### All high school student-athletes wishing to compete in college must register with the NCAA Eligibility Center. Information about the Eligibility Center can be found in the Guide for the College-Bound Student-Athlete. The NCAA national office does not handle initial-eligibility certifications. Please do not contact the NCAA national office with inquiries regarding an individual's initial-eligibility status, including whether transcripts, student release forms, etc., were received or about when you will be cleared. The Eligibility Center maintains and processes all of the initial-eligibility certifications. More information can be found at: www.ncca.org

HIGH SCHOOL SPECIAL PROGRAMS

The high school administration realizes that an effective educational program is one that provides

opportunities for student learning both within the classroom and beyond the traditional classroom and

school day. These expanded opportunities are viewed as educational options to supplement the

regular program.

#### A+ Schools Program

The King City Schools Program strives to ensure that students are prepared for and successful in life beyond high school. The A+ Schools Program provides students with continuous, progressive career information throughout the students’ years in the King City School District. The program focuses on ensuring students have course offerings that are rigorous and relevant to the world outside the classroom that will better prepare them for their paths after high school.

For Additional Information about the A+ Schools Program contact the A+ coordinator in your

School or the Department of Higher Education website ([www.dhe.mo.gov](http://www.dhe.mo.gov)).

**Dual Enrollment**

Please see your counselor for a Dual Enrollment Procedures handout. There are specific procedures for how dual enrollment courses affect GPA, graduation requirements, transcripts, and weightiness. The approval form must be signed by student, parent, and guidance counselor prior to enrollment. Dual enrollment credit does not become a part of the high school transcript unless it qualifies for high school credit under the terms of the agreement with Northwest Missouri State University and Missouri Western State University.

**Upward Bound**

Upward Bound is a federally funded program which assists students, grade 9-12, in finishing high school and in succeeding at post-secondary training opportunities. Upward Bound has been sponsored by Northwest Missouri State University since 1986 and services selected schools in Atchison, Gentry, and Nodaway counties in Missouri. King City freshmen are invited to apply to Upward Bound. There are several requirements’ students must meet to be accepted. Please see the high school counselor for additional information

**Hillyard Technical School**

Hillyard Technical School is in St. Joseph, Missouri and is part of the St. Joseph School District. Several two-year programs are offered at Hillyards to help students who are interested in a various of career fields. Students may apply their sophomore year in high school but only if they have not failed any classes during their freshmen or sophomore year. All costs for this program are paid by the district and transportation is also provided.

CAREER PLANNING

##### Purpose of Career Paths and Career Clusters

Career Paths

Career paths are clusters of occupations/careers grouped according to participants’ interests and talents or skills. All paths include a variety of occupations that require different levels of education and training. Thus, career paths provide a plan for all students, whatever their interests, abilities, talents, or desired levels of education. Selecting a career path provides a student with an area of FOCUS, along with FLEXIBILITY and a VARIETY of ideas to pursue. The focus of career paths is on helping students choose a career path, not a specific occupation. Selecting a career path is not a lifelong commitment; it is a place to begin focusing one’s energies. As students take different courses and learn more about themselves and careers, they will probably change career paths. Students who understand the career paths concept will be aware that there are a variety of other related possibilities if the first path no longer fits them. If different career paths become more interesting, the students can reevaluate plans, make appropriate decisions, and revise their high school plans as necessary.

### Benefits

Deciding on a career path can assist you in exploring your interests and preparing for your future. The intent is not for you to decide on a specific occupation for the rest of your life, but to select a career path into which you can begin directing your energies. Identifying a career path can help you in selecting school courses, activities, and part-time employment. It can also help guide your participation in job shadowing, career exploration and internships. A career path choice is not a permanent commitment. As you have new experiences, you learn new things about yourself and may decide to change career paths. If you decide on a different career path to explore, you should discuss it with your counselor and adjust your future course selections in accordance with your new career exploration.

#### Career Exploration Assessments

#### King City R-I School students complete career exploration assessments starting in the 8th grade. This is a way the student can identify an initial career path choice. Counselors will then use this information to assist students in making course selections and developing a five-year plan.

## CHOOSING A CAREER PATH OR CLUSTER

1. Identify your interests, abilities, and talents.

2. Identify the career path or cluster that relates to your interests, abilities, and talents.

3. Explore occupations in those career paths or clusters.

4. Decide how much education you want to receive after high school.

5. Develop a personal plan of study by selecting courses and co-curricular activities that relate to your career educational and career goal.

6. If undecided regarding a career path or cluster, choose courses from different career areas to give you a better idea of your interests.

**Individual Planning Vocabulary**

Guidance and Counseling

Missouri Department of Elementary and Secondary Education

August, 2011

**Definition and Purpose**:

1. **Guidance Grade Level Expectations (GLEs)**: The systematic, sequential, and developmentally appropriate set of knowledge, skill and understanding for the K-12 guidance curriculum.
2. **Life Career Development**: Self-development over the life span through the integration of roles, settings, and events of a person's life.
3. **Individual Planning**: The process of on-going educational and career-planning services that helps all students develop personal plans of study organized around programs of study and their personal, career, and educational goals.
4. **Personal Plan of Study (PPOS)**: A student’s scope and sequence of coursework and related activities based upon their chosen Career Path or Career Cluster and their educational goals. Initiated in the eighth grade, it is designed to insure a successful post-secondary transition. The key component of the Individual Planning process.
5. **Program of Study (POS):** Secondary-to-postsecondary sequences of academic and career education coursework, along with additional learning opportunities, that lead students to attain a postsecondary degree or industry-recognized certificate or credential.
   1. **Process:**  Missouri currently uses a 10 step process for the development of Programs of Study that is aligned with federal guidelines which includes creation of POS templates and secondary/post-secondary curriculum alignment. This process is currently under review at the state level.
   2. **Template:** The model or form developed by schools that lists courses, occupations and additional learning opportunities to help students develop their personal plan of study. The completion of the POS template does not infer that the POS process has been completed.
6. **Career Paths (6) Clusters (16) Career Pathways (78):** A progressive framework to organize the world of work and career information. The framework provides the structure to assist students in understanding the world of work, and to organize course and co-curricular offerings in the school.
7. **Missouri Connections:**  A free web-based career and educational planning resource to help Missouri citizens determine their career interests, explore occupations, establish education plans, develop job search strategies, and create résumés.

**CAREER PREPARATION**

**High School**

Develop Your Personal Plan of Study

Select Career Path and Cluster

**Arts & Health Industrial &**

**Communication Services Engineering Technology**

**Business, Management Human Natural**

**& Technology Services Sciences**

**Options After High School**

**WORK**

**WORK**

* On the Job Training
* Apprenticeship

**SCHOOLS & PROGRAMS**

**PROGRAMS**

**MILITARY**

* On-the-Job Training
* Apprenticeship
* Area Career Centers
* Vocational & Technical Schools
* Community & Technical Colleges
* Colleges & Universities
* On the Job Training
* Skill Development
* Continued Education
* College Financial Assistance

**MILITARY**

**MILITARY**

**Educational Options After High School**

***Your* Career**

|  |  |
| --- | --- |
| **ON-THE-JOB**  **TRAINING** | Some occupations do not require training prior to employment; rather additional training and skills required beyond high school are provided by the employer. Examples include laborers in agriculture, fast foods, construction, retail stores and services. |
| **APPRENTICESHIP** | Apprenticeship is a three to four-year training program where you earn money while you learn, working on the job. You receive a license at the end of training. Examples of trades that use apprenticeships are Bricklayer, Electrician, Floor Layer, Iron Worker, Operating Engineer, Painter, and Pipe Fitter. |
| **AREA CAREER CENTERS** | Area Career Centers provide career and technical education and training for both high students and adults. Specialized programs lead to certification, accreditation, or licensure in desired fields such as Automotive Technology, Culinary Arts, Cosmetology, Health and Senior Services, Nursing and Business. |
| **VOCATIONAL &**  **TECHNICAL SCHOOL** | These Proprietary Schools are different than Area Career Centers. They offer specialized programs that may last from one month to four years in length. Programs include practical nursing, robotics, truck driving, cosmetology, and some areas of business and dental careers. Enrollment requirements are unique to each institution. |
| **COMMUNITY & TECHNICAL COLLEGE** | Community and Technical Colleges serve the diverse learning, workforce, and economic development of their communities. Two-year “degree” vocational training, associate degrees, or credit transfer to a college or university where you can pursue a bachelor’s degree are offered. Most community colleges have an open enrollment policy for high school graduates and individuals with GEDs. |
| **COLLEGE &**  **UNIVERSITY** | A bachelor’s degree typically requires four years to complete. A master’s degree usually requires one to two years beyond the bachelor’s degree. Entrance requirements depend on the desired program, major and school. |
| **MILITARY** | The armed forces provide training for almost every job available in the private sector. Continuing education is expected. Multiple options are provided to continue your education during and after your enlistment High school graduation is required. Military academies like West Point or University ROTC are also options. |

*Refer to* ***missouriconnections.org*** *for more information about these options!*

##### CAREER PATHS & CAREER CLUSTERS

Arts

A/V Technology & Communications

**Arts and**

###### Communication

Health Science

###### Health Services

Education & Training

Government & Public Administration

Hospitality & Tourism

Human Services

Law, Public Safety & Security

###### Human Services

Architecture & Construction

Manufacturing

Science, Technology, Engineering & Mathematics

Transportation, Distribution & Logistics

###### Industrial & Engineering Technology

Agriculture, Food & Natural Resources

###### Natural Resources/Agriculture

###### Business, Management & Technology

Business, Management & Administration

Finance

Information Technology

Marketing, Sales and Service

**The Sixteen Career Clusters**

|  |  |
| --- | --- |
|  | The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources. |
|  | Careers in designing, planning, managing, building and maintaining the built environment. |
|  | Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. |
|  | Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration [career opportunities](http://www.qklinkserver.com/lm/rtl3.asp?si=19903&k=career%20opportunities) are available in every sector of the economy. |
|  | Planning, managing and providing education and training services, and related learning support services. |
|  | Planning, services for financial and [investment planning](http://www.qklinkserver.com/lm/rtl3.asp?si=19903&k=investment%20planning), banking, insurance, and business [financial management](http://www.qklinkserver.com/lm/rtl3.asp?si=19903&k=financial%20management). |
|  | Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels. |
|  | Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology [research and development](http://www.qklinkserver.com/lm/rtl3.asp?si=19903&k=research%20and%20development). |
|  | Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services. |
|  | Preparing individuals for employment in career pathways that relate to families and human needs. |

|  |  |
| --- | --- |
|  | Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services. |
|  | Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services. |
|  | Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering. |
|  | Planning, managing, and performing marketing activities to reach organizational objectives. |
|  | Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services. |
|  | Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance. |

**King City High School**

**Career Clusters Program of Study Templates**

**“**What do you want to do after high school?” That is a question that is asked of our students a multitude of times over the course of their public-school education. It’s a question that is not easily answered, due to the enormous number of possible post-secondary alternatives that are currently available to our students. Technological advances and global competition have transformed the nature of both education and work. Tomorrow’s jobs will require more knowledge and training, highly developed 21st Century Skills, technological skills, and more flexible workers than ever before. Our students need to be prepared for, and informed of, the reality of several job and career changes over the course of their lifetimes. They need to understand that they will have to continually update their knowledge and skills, which may require additional training and/or education.

The King City R-I School District offers a wide array of courses and experiences to its students. As students review course offerings and activities, we hope to guide them in choosing coursework and experiences that are relevant to their future goals.

In planning for post-secondary goals, students should start with examining where their own interests and talents lie. This can be accomplished in many ways within the school district; researching middle and high school classes of interest, taking interest and skill inventories, participating in career fairs offered, and taking advantage of the many extra-curricular and enrichment activities available. The school district uses the Missouri Connections online program ([www.missouriconnections.org](http://www.missouriconnections.org)) for interest assessments and to explore the variety of options students have beyond high school.

Using the results of career assessments students create their personal plan of study for their high school years and beyond. School counselors, teachers and other district personnel, are available to guide students and parents in this important planning process. The planning process is critical to not only meeting graduation requirements, but also to taking the coursework that will ultimately lead to a successful post-secondary transition.

The following program of study templates, serve as a guide, along with other career planning materials, to help students develop their personal plans of study. Courses listed within these program of study templates are recommended coursework only and should be individualized to meet each learner’s educational and career goals.

***King City R-I***

***Agriculture, Food & Natural Resources***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

|  |  |
| --- | --- |
| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
| **Secondary** | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | **Physical Science** | **American History** | **Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) |  | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *CompTIA A+/C-Tech*  *AWS Welding Certification*    **Placement Assessments:**  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | **Biology** | **World History** |  |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** | ♦Computer Service Tech I  ♦⮘Refrigeration, Heating & Air Conditioning I  ♦Precision Machining I  ♦⮘Welding Technology I |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, | ♦Computer Service Tech II  ♦⮘Refrigeration, Heating & Air Conditioning II  ♦Precision Machining II  ♦⮘Welding Technology II |

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| **Postsecondary Offerings – For A Complete Listing, go to** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | | | |
| **Postsecondary** | **Community College** | **Technical School/Training Institution** | | | | **In State** | | | | | **Out of State/Other** |
| **Crowder College**  [**www.crowder.edu**](http://www.crowder.edu)  **East Central College**  [**www.eastcentral.edu**](http://www.eastcentral.edu)  **Jefferson College**  [**www.jeffco.edu**](http://www.jeffco.edu)  ♦**Linn State Technical College**  [**www.linnstate.edu**](http://www.linnstate.edu)  Precision Machining – 12 hrs  ♦**Metropolitan Community College**  [**www.mcckc.edu**](http://www.mcckc.edu)  Computer Aided Drafting – 9 hrs  HVAC – 8 hrs  Welding 6 hrs  **Mineral Area College**  [**www.mineralarea.edu**](http://www.mineralarea.edu)  ♦**North Central Missouri College**  [**www.ncmissouri.edu**](http://www.ncmissouri.edu)  Computer Service – 30 hrs  HVAC – 30 hrs  Precision Machining – 30 hrs  Welding Technology – 30 hrs  **Ozarks Technical Community College**  [**www.otc.edu**](http://www.otc.edu)  **St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu)  **State Fair Community College**  [**www.sfccmo.edu**](http://www.sfccmo.edu)  **Three Rivers Community College**  [**www.trcc.edu**](http://www.trcc.edu) | | **Columbia Area Career Center**  [**www.career-center.org**](http://www.career-center.org)  **Davis Hart Career Center**  [**www.mexicoschools.net**](http://www.mexicoschools.net)  **Eldon Career Center**  [**www.eldoncareercenter.org**](http://www.eldoncareercenter.org)  **Hannibal Career and Technical Center**  [**www.hannibal.tec.mo.us**](http://www.hannibal.tec.mo.us)  **Hillyard Technical Center**  [**www.hillyardtech.com**](http://www.hillyardtech.com)  **Kirksville Area Tech Center**  [www.kirksville.k12.mo.us](http://www.kirksville.k12.mo.us)  **Moberly Area Tech Center**  [www.moberly.k12.mo.us](http://www.moberly.k12.mo.us)  **Ranken Tech College**  [www.ranken.edu](http://www.ranken.edu)  **Waynesville Technical Academy**  [**www.waynesville.k12.mo.us**](http://www.waynesville.k12.mo.us) | | **A.T. Skill University of Health Sciences**  [**www.atsu.edu**](http://www.atsu.edu)  **Avila University -** [**www.avila.edu**](http://www.avila.edu)  **Central Methodist University**  [**www.centralmethodist.edu**](http://www.centralmethodist.edu)  **College of the Ozarks -** [**www.cofo.edu**](http://www.coto.edu)  **Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)  **Culver-Stockton College**  [**www.culver.edu**](http://www.culver.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Hannibal-Lagrange College -**[**www.hlq.edu**](http://www.hlq.edu)  **Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood University**  [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Maryville University of St. Louis**  [**www.maryville.edu**](http://www.maryville.edu)  **Missouri Baptist Univ -** [**www.mobap.edu**](http://www.mobap.edu)  **MO Southern State University**  [**www.mssu.edu**](http://www.mssu.edu)  **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu)  **Missouri State University – West Plains**  [**www.wp.missouristate.edu**](http://www.wp.missouristate.edu)  ♦**Missouri Western State University**  [**www.missouriwestern.edu**](http://www.missouriwestern.edu)  Computer Service – 12 hrs  Precision Machining  EGT 196 ET Special Topics – 7 hrs  MET 112 Manufact Methods – 3 hrs  MET 222 CNC Mach Process – 2 hrs  Welding – 12 hrs | | | **MO Univ of Science & Technology**  [www.mst.edu](http://www.mst.edu)  **Missouri Valley College**  [**www.moval.edu**](http://www.moval.edu)  **Northwest Missouri State University**  [**www.nwmissouri.edu**](http://www.nwmissouri.edu)  **Park University -** [**www.park.edu**](http://www.park.edu)  **Rockhurst University -** [**www.rockhurst.edu**](http://www.rockhurst.edu)  **Saint Louis University**  [**www.imagine.stu.edu**](http://www.imagine.stu.edu)  **Southeast MO State University** [**www.semo.edu**](http://www.semo.edu)  **Southwest Baptist University**  [**www.sbuniv.edu**](http://www.sbuniv.edu)  **Stephens College -** [**www.stephens.edu**](http://www.stephens.edu)  **Truman State Univ -** [**www.truman.edu**](http://www.truman.edu)  **Univ of Central MO -** [**www.ucmo.edu**](http://www.ucmo.edu)  **University of MO – Columbia**  [www.missouri.edu](http://www.missouri.edu)  **University of MO – Kansas City** [**www.umkc.edu**](http://www.umkc.edu)  **Univ of MO – St Louis -** [**www.umsl.edu**](http://www.umsl.edu)  **Washington University -** [www.wustl.edu](http://www.wustl.edu)  **Webster University**  [www.websteruniv.edu](http://www.websteruniv.edu)  **Westminster College**  [www.westminster-mo.edu](http://www.westminster-mo.edu)  **William Jewell College -** [www.jewell.edu](http://www.jewell.edu)  **William Woods** University  [www.williamwoods.edu](http://www.williamwoods.edu) | | * **Apprenticeship** * **Military** * **On-the-Job Training**   **Petropolis Academy of Grooming & Training -** [**www.petropolisacademy.com**](http://www.petropolisacademy.com)  **Midwest Institute**  [**www.midwestinstitute.com**](http://www.midwestinstitute.com)  **⮘Southeast Community College**  [**www.southeast.edu**](http://www.southeast.edu)  HVAC – Adv Standing  Welding – Adv Standing | |
| **Sample Careers By Educational Level – For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | | | |
| **On-The-Job Training or Less** | | | | **Technical Training or Associate Degree** | | | **Bachelors Degree** | | **Masters Degree or More** | | |
| Animal Caretakers  Animal Trainers  Bakers  Commercial Fishers  Farm and Ranch Workers  Farm Equipment Mechanics  Farmers  Food Processing Workers  Log Graders and Scalers  Loggers  Meat Cutters  Mining Machine Operators  Nursery Workers  Rock Splitters  Trash Collectors  Veterinary Assistants  Water Treatment Plant Operators | | | | Fish and Game Wardens  Forestry Technicians  Precision Agriculture Technicians | | | Agricultural Engineers  Agricultural Scientists  Animal Scientists  Conservation Scientists  Farm and Home Management Advisors  Food Scientists  Foresters  Park Naturalists  Zoologists | | Agricultural Sciences Teachers, Postsecondary  Animal Scientists  Farm and Home Management Advisors  Veterinarians  Zoologists and Wildlife Biologists | | |

***King City R-I***

***Architecture & Construction***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

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| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

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|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
| **Secondary** | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | **Physical Science** | **American History** | **Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) |  | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *CompTIA A+/C-Tech*  *AWS Welding Certification*    **Placement Assessments:**  *Compass Test*  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | **Biology** | **World History** |  |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** | ♦⮘Computer Aided Drafting I  ♦Computer Services Tech I  ♦Construction Technology I  ♦Electronics Technology I  Firefighting I & II  ♦Precision Machining I  ♦⮘Refrigeration, Heating & Air Conditioning I  ♦⮘Welding Technology I |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, | ♦⮘Computer Aided Drafting II  ♦Computer Services Tech II  ♦Construction Technology II  ♦Electronics Technology II  PLTW Engineering, Design & Development  ♦Precision Machining II  ♦⮘Refrigeration, Heating & Air Conditioning II  ♦⮘Welding Technology II |

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| **Postsecondary** | **Community College** | **Technical School/Training Institution** | | **In State** | | | | **Out of State/Other** |
| **Crowder College**  [**www.crowder.edu**](http://www.crowder.edu)  **East Central College**  [**www.eastcentral.edu**](http://www.eastcentral.edu)  **Jefferson College**  [**www.jeffco.edu**](http://www.jeffco.edu)  ♦**Linn State Technical College**  [**www.linnstate.edu**](http://www.linnstate.edu)  Precision Machining – 12 hrs  **Metropolitan Community College**  [**www.mcckc.edu**](http://www.mcckc.edu)  Comp Aided Drafting – 9 hrs  HVAC – 8 hrs  Welding 6 hrs  **Mineral Area College**  [**www.mineralarea.edu**](http://www.mineralarea.edu)  **Moberly Area Comm College**  [**www.macc.edu**](http://www.macc.edu)  ♦**North Central Missouri College**  [**www.ncmissouri.edu**](http://www.ncmissouri.edu)  Comp Aided Drafting – 30 hrs  Computer Service – 30 hrs  Construction Tech – 30 hrs  Electronics Tech – 30 hrs  HVAC – 30 hrs  Precision Machining – 30 hrs  Welding Technology – 30 hrs  **Ozarks Technical Comm College**  [**www.otc.edu**](http://www.otc.edu)  **St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu)  **State Fair Community College**  [**www.sfccmo.edu**](http://www.sfccmo.edu)  **Three Rivers Community College**  [**www.trcc.edu**](http://www.trcc.edu) | **Arcadia Valley Tech Center -** [**www.mineralarea.edu**](http://www.mineralarea.edu)  **Cape Girardeau Career/Tech Center**  [**www.cape.k12.mo.us/cc/default.htm**](http://www.cape.k12.mo.us/cc/default.htm)  **Clinton Tech School** [**www.clinton.k12.mo.us**](http://www.clinton.k12.mo.us)  **Columbia Area Career Ctr -** [**www.career-center.org**](http://www.career-center.org)  **Davis Hart Career Ctr-** [**www.mexicoschools.net**](http://www.mexicoschools.net)  **Eldon Career Ctr -** [**www.eldoncareercenter.org**](http://www.eldoncareercenter.org)  **Franklin Technology- MSSU** [**www.ftcjoplin.com**](http://www.ftcjoplin.com)  **Gibson Tech Ctr -** [**www.wolves.k12.mo.us/gtc**](http://www.wolves.k12.mo.us/gtc)  **Grand River Technical School -** [**www.grts.org**](http://www.grts.org)  **Hannibal Career and Technical Center**  [**www.hannibal.tec.mo.us**](http://www.hannibal.tec.mo.us)  **Herndon Career Center**  [**www.herndoncareercenter.com**](http://www.herndoncareercenter.com)  **Hillyard Technical Ctr -** [www.hillyardtech.com](http://www.hillyardtech.com)  **Lake Career & Technical Center**  [**www.camdentonschools.org**](http://www.camdentonschools.org)  **Lebanon Technology and Career Ctr**  **www.lebanon.k12.mo.us**  **Lex La-Ray Tech Ctr** [www.lexington.k12.mo.us](http://www.lexington.k12.mo.us)  **Kirksville Area Tech Ctr** [www.kirksville.k12.mo.us](http://www.itt-tech.edu)  **Moberly Area Tech Ctr -** [www.moberly.k12.mo.us](http://www.moberly.k12.mo.us)  **Nichols Career Center -** [**www.jcps.k12.mo.us**](http://www.jcps.k12.mo.us)  **Northland Career Ctr -** [**www.northlandcareercenter.com**](http://www.northlandcareercenter.com)  **Northwest Tech School -** [www.maryville.k12.mo.us](http://www.maryville.k12.mo.us)  **Perryville Area Career/Tech Center**  [**www.perryville.k12.mo.us**](http://www.perryville.k12.mo.us)  **Pike-Lincoln Tech Ctr -** [**www.pltc.k12.mo.us**](http://www.pltc.k12.mo.us)  **Ranken Tech College -** [www.ranken.edu](http://www.ranken.edu)  **Rolla Tech Institute -** [**www.rolla.k12.mo.us**](http://www.rolla.k12.mo.us)  **South Central Career Ctr -** [**www.wphs.k12.mo.us**](http://www.wphs.k12.mo.us)  **Unitec Career Center -** [**www.mineralarea.edu**](http://www.mineralarea.edu)  **Waynesville Technical Academy**  [**www.waynesville.k12.mo.us**](http://www.waynesville.k12.mo.us) | | **Avila University -** [**www.avila.edu**](http://www.avila.edu)  **Baptist Bible College -** [**www.baptist.edu**](http://www.baptist.edu)  **Bryan College -** [**www.bryancollege.ecom**](http://www.bryancollege.ecom)  **Central Methodist University**  [**www.centralmethodist.edu**](http://www.centralmethodist.edu)  **College of the Ozarks -** [**www.cofo.edu**](http://www.coto.edu)  **Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)  **Culver-Stockton College -** [**www.culver.edu**](http://www.culver.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Evangel University -** [**www.evangel.edu**](http://www.evangel.edu)  **Everest College** [**www.everest-college.edu**](http://www.everest-college.edu)  **Fontbonne Univ -** [**www.fontbonne.edu**](http://www.fontbonne.edu)  **Hannibal-Lagrange College -**[**www.hlq.edu**](http://www.hlq.edu)  **Harris-Stowe State Univ -** [**www.hssu.edu**](http://www.hssu.edu)  **Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood Univ -** [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Maryville Univ of St. Louis**  [**www.maryville.edu**](http://www.maryville.edu)  **Messenger College**  [**www.messengercollege.edu**](http://www.messengercollege.edu)  **Missouri Baptist Univ -** [**www.mobap.edu**](http://www.mobap.edu)  **Missouri College**  [**www.missouricollege.com**](http://www.missouricollege.com)  **Missouri Southern State University**  [**www.mssu.edu**](http://www.mssu.edu)  **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu)  **Missouri State University – West Plains**  [**www.wp.missouristate.edu**](http://www.wp.missouristate.edu)  **MO University of Science & Technology**  [www.mst.edu](http://www.mst.edu)  **Park University -** [**www.park.edu**](http://www.park.edu)  **Rockhurst University**  [**www.rockhurst.edu**](http://www.rockhurst.edu) | | ♦**Missouri Western State University**  [**www.missouriwestern.edu**](http://www.missouriwestern.edu)  Computer Aided Drafting – 12 hrs  Computer Service – 12 hrs  Construction Tech – 12 hrs  Electronics Tech – 12 hrs  Precision Machining  EGT 196 ET Special Topics – 7 hrs  MET 112 Manufact Methods – 3 hrs  MET 222 CNC Mach Process – 2 hrs  Welding – 12 hrs  **Saint Louis University**  [**www.imagine.stu.edu**](http://www.imagine.stu.edu)  **Sanford-Brown College**  [**www.sanford-browncollege.com**](http://www.sanford-browncollege.com)  **Southeast MO State University**  [**www.semo.edu**](http://www.semo.edu)  **Southwest Baptist Univ -**[**www.sbuniv.edu**](http://www.sbuniv.edu)  **Stephens College -** [**www.stephens.edu**](http://www.stephens.edu)  **Truman State Univ -** [**www.truman.edu**](http://www.truman.edu)  **Univ of Central MO -** [**www.ucmo.edu**](http://www.ucmo.edu)  **Univ of MO – Columbia -**[www.missouri.edu](http://www.missouri.edu)  **Univ of MO – Kansas City** [**www.umkc.edu**](http://www.umkc.edu)  **Univ of MO – St Louis -** [**www.umsl.edu**](http://www.umsl.edu)  **University of Phoenix -** [**www.phoenix.edu**](http://www.phoenix.edu)  **Vatterott College**  [**www.vatterott-college.edu**](http://www.vatterott-college.edu)  **Washington University -** [www.wustl.edu](http://www.wustl.edu)  **Webster University -** [www.websteruniv.edu](http://www.websteruniv.edu)  **Westminster College**  [www.westminster-mo.edu](http://www.westminster-mo.edu)  **William Jewell College -** [www.jewell.edu](http://www.jewell.edu)  **William Woods** University  [www.williamwoods.edu](http://www.williamwoods.edu) | | * **Apprenticeship** * **Military** * **On-the-Job Training**   **Foley-Belsaw Institute**  [**www.foley-belsaw.com**](http://www.foley-belsaw.com)  **Colorado Technical University**  [**www.coloradotech.com**](http://www.coloradotech.com)  **DeVry University**  [**www.drury.edu**](http://www.drury.edu)  **Grantham University**  [**www.grantham.edu**](http://www.grantham.edu)  ♦**Indian Hills Community College**  [**www.ihcc.cc.ia.us**](http://www.ihcc.cc.ia.us)  Electronics Tech – 8 hrs  **ITT Technical Institute**  [**www.itt-tech.edu**](http://www.itt-tech.edu)  **MERS/Missouri Goodwill Industries** [**www.mersgoodwill.org**](http://www.mersgoodwill.org)  **Missouri Welding Institute**  [**www.nwi.ws**](http://www.nwi.ws)  **National American University**  [**www.national.edu**](http://www.national.edu)  **⮘Southeast Community College**  [**www.southeast.edu**](http://www.southeast.edu)  Computer Aided Drafting – Adv Standing  HVAC – Adv Standing  Welding – Adv Standing |
| **Sample Careers By Educational Level – For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | |
| **On-The-Job Training or Less** | | | **Technical Training or Associate Degree** | | **Bachelors Degree** | | **Masters Degree or More** | |
| Bricklayers, Stonemasons and Cement Masons  [Cabinetmakers](http://www.missouriconnections.org/info2.aspx?FileID=Occ&FileNum=100264&TopicNum=0) and Carpenters  Drywall Finishers & installers and Plasterers  Electricians  Fence Builders  Heating and Cooling System Mechanics  Highway Maintenance Workers & Paving Equip Operators  Line Installers and Repairers  Plumbers and Pipefitters  Roofers  Sheet Metal Workers and Structural Metal Workers  Surveying and Mapping Technicians  Tile Setters | | | Commercial Divers  Drafters  Energy Auditors  Interior Designers | | Architects  Construction Managers  Cost Estimators  Landscape Architects  Surveyors | | Architects, Except Landscape and Naval  Architecture Teachers, Postsecondary  Engineering Managers  Engineering Teachers, Postsecondary  Historians  Operations Research Analysts  Political Scientists  Sociologists  Sociology Teachers, Postsecondary | |

***King City R-I***

***Arts, A/V Technology & Communications***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

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| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

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|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
| **Secondary** | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | **Physical Science** | **American History** | **Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) |  | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *CompTIA A+/C-Tech*    **Placement Assessments:**  *Compass Test*  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | **Biology** | **World History** |  |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** | ♦Computer Service Tech I  ♦Electronics Technology I |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, | ♦Computer Service Tech II  ♦Electronics Technology II |

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| **Postsecondary Offerings - For A Complete Listing, go to** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | |
| **Postsecondary** | **Community College** | **Technical School/Training Institution** | | **In State** | | | | **Out of State/Other** | |
| **Crowder College**  [**www.crowder.edu**](http://www.crowder.edu)  **East Central College**  [**www.eastcentral.edu**](http://www.eastcentral.edu)  **Jefferson College**  [**www.jeffco.edu**](http://www.jeffco.edu)  **Linn State Technical College**  [**www.linnstate.edu**](http://www.linnstate.edu)  **Metropolitan Comm College**  [**www.mcckc.edu**](http://www.mcckc.edu)  **Mineral Area College**  [**www.mineralarea.edu**](http://www.mineralarea.edu)  **Moberly Area Comm College**  [**www.macc.edu**](http://www.macc.edu)  ♦**North Central Missouri College**  [www.ncmissouri.edu](http://www.ncmissouri.edu)  Computer Service – 30 hrs  Electronics Tech – 30 hrs  **Ozarks Tech Comm College**  [**www.otc.edu**](http://www.otc.edu)  **St. Charles Comm College**  [www.stchas.edu](http://www.stchas.edu)  **St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu)  **State Fair Community College**  [**www.sfccmo.edu**](http://www.sfccmo.edu)  **Three Rivers Comm College**  [**www.trcc.edu**](http://www.trcc.edu) | **Cape Girardeau Career/Tech Center**  [**www.cape.k12.mo.us/cc/default.htm**](http://www.cape.k12.mo.us/cc/default.htm)  **Clinton Technical School**  [**www.clinton.k12.mo.us/ts.php**](http://www.clinton.k12.mo.us/ts.php)  **Davis Hart Mexico Technical School**  [**www.mexicoschools.org**](http://www.mexicoschools.org)  **Eldon Career Center**  [**www.eldoncareercenter.org**](http://www.eldoncareercenter.org)  **Four Rivers Technical Center**  [**www.washington.k12.mo.us**](http://www.washington.k12.mo.us)  **Franklin Tech - MSSU** [**www.ftcjoplin.com**](http://www.ftcjoplin.com)  **Gibson Tech Ctr -** [**www.wolves.k12.mo.us/gtc**](http://www.wolves.k12.mo.us/gtc)  **Hannibal Career and Technical Center**  [**www.hannibal.tec.mo.us**](http://www.hannibal.tec.mo.us)  **Herndon Career Center**  [**www.herndoncareercenter.com**](http://www.herndoncareercenter.com)  **Hillyard Tech Center -** [www.hillyardtech.com](http://www.hillyardtech.com)  **Kirksville Area Technical Center**  [**www.kirksville.k12.mo.us**](http://www.kirksville.k12.mo.us)  **Lake Career and Technical Center**  [**www.camdentonschools.org**](http://www.camdentonschools.org)  **Lex La-Ray Tech Ctr -** [www.lexington.k12.mo.us](http://www.lexington.k12.mo.us)  **Moberly Area Tech Ctr -** [www.moberly.k12.mo.us](http://www.moberly.k12.mo.us)  **Nichols Career Center -** [**www.jcps.k12.mo.us**](http://www.jcps.k12.mo.us)  **Perryville Area Career/Technical Center**  [**www.mineralarea.edu**](http://www.mineralarea.edu)  **Ranken Technical College -** [**www.ranken.edu**](http://www.ranken.edu)  **Rolla Technical Institute -** [**www.rolla.k12.mo.us**](http://www.rolla.k12.mo.us)  **Waynesville Technical Academy**  [**www.waynesville.k12.mo.us**](http://www.waynesville.k12.mo.us) | | **Avila University -** [**www.avila.edu**](http://www.avila.edu)  **Bryan College -** [**www.bryancollege.com**](http://www.bryancollege.com)  **Central Methodist University**  [**www.centralmethodist.edu**](http://www.centralmethodist.edu)  **College of the Ozarks -** [**www.cofo.edu**](http://www.coto.edu)  **Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)  **Culver-Stockton College –** [**www.culver.edu**](http://www.culver.edu)  **DeVry University –** [**www.devry.edu**](http://www.devry.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Evangel University -** [**www.evangel.edu**](http://www.evangel.edu)  **Everest College**  [**www.everest-college.com**](http://www.everest-college.com)  **Fontbonne Univ -** [**www.fontbonne.edu**](http://www.fontbonne.edu)  **Hannibal-Lagrange College -** [**www.hlq.edu**](http://www.hlq.edu)  **Harris-Stowe State Univ -**[**www.hssu.edu**](http://www.hssu.edu)  **Hickey College**  [**www.hickeycollege.edu**](http://www.hickeycollege.edu)  **Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood Univ -** [**www.lindenwood.edu**](http://www.lindenwood.edu)  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University -** [**www.park.edu**](http://www.park.edu)  **Patricia Stevens College**  [**www.patriciastevenscollege.edu**](http://www.patriciastevenscollege.edu)  **Rockhurst University -** [**www.rockhurst.edu**](http://www.rockhurst.edu)  **Saint Louis Univ -** [**www.imagine.stu.edu**](http://www.imagine.stu.edu)  **Sanford-Brown College**  [**www.sanford-browncollege.com**](http://www.sanford-browncollege.com)  **Southeast MO State Univ -**[**www.semo.edu**](http://www.semo.edu)  **Southwest Baptist Univ -**[**www.sbuniv.edu**](http://www.sbuniv.edu)  **Stephens College -** [**www.stephens.edu**](http://www.stephens.edu)  **Truman State Univ -** [**www.truman.edu**](http://www.truman.edu)  **Univ of Central MO -** [**www.ucmo.edu**](http://www.ucmo.edu)  **Univ of MO – Columbia -**[www.missouri.edu](http://www.missouri.edu)  **Univ of MO – Kansas City -** [**www.umkc.edu**](http://www.umkc.edu)  **Univ of MO – Rolla –** [**www.umr.edu**](http://www.umr.edu)  **Univ of MO – St Louis -** [**www.umsl.edu**](http://www.umsl.edu)  **Vatterott Coll -** [**www.vatterott-college.edu**](http://www.vatterott-college.edu)  **Washington University -** [www.wustl.edu](http://www.wustl.edu)  **Webster University -** [www.websteruniv.edu](http://www.websteruniv.edu)  **William Jewell College -** [www.jewell.edu](http://www.jewell.edu)  **William Woods University**  [www.williamwoods.edu](http://www.williamwoods.edu) | | * **Apprenticeship** * **Military** * **On-the-Job Training**   **American College of Technology**  [**www.acot.edu**](http://www.acot.edu)  **Baptist Bible College -** [**www.baptist.edu**](http://www.baptist.edu)  **Barbizon School of Clayton**  [**www.barbizonmodeling.com**](http://www.barbizonmodeling.com)  **Broadcast Center**  [**www.broadcastcenterinfo.com**](http://www.broadcastcenterinfo.com)  **Calvary Bible College and Theological Seminary -** [**www.calvary.edu**](http://www.calvary.edu)  **Central Bible College -** [**www.cbcag.edu**](http://www.cbcag.edu)  **Colorado Technical University**  [**www.coloradotech.com**](http://www.coloradotech.com)  **Court Report Academy**  [**www.thecourtreportingacademy.com**](http://www.thecourtreportingacademy.com)  ♦**Indian Hills Community College**  [**www.ihcc.cc.ia.us**](http://www.ihcc.cc.ia.us)  Electronics Tech – 8 hrs  **ITT Technical Institute**  [**www.itt-tech.edu**](http://www.itt-tech.edu)  **Kansas City Art Inst -** [**www.kcai.edu**](http://www.kcai.edu)  **Midwestern Baptists Theological Seminary -** [**www.mbts.edu**](http://www.mbts.edu)  **Missouri Tech –** [**www.motech.edu**](http://www.motech.edu)  **National American University**  [**www.national.edu**](http://www.national.edu) | |
| **Sample Careers By Educational Level - For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | |
| **On-The-Job Training or Less** | | | **Technical Training or Associate Degree** | | **Bachelors Degree** | | **Masters Degree or More** | | |
| Actors  Bookbinders and Bindery Workers  Camera/Photographic Equipment Repairers  Communications Equipment Mechanics  Costume and Wardrobe Specialists  Dancers  Fine Artists  Floral Designers  Movie Projectionists  Musical Instrument Repairers and Tuners  Musicians and Singers  Painting, Coating, and Decorating Workers  Photographers  Potters  Printing Press Operators  Proofreaders  Ushers and Ticket Takers | | | Audio and Video Equipment Technicians  Broadcast Technicians and Sound Engineering Techs  Camera Operators, Film and Video Editors  Choreographers  Communications Equipment Mechanics  Computer, Automated Teller, & Office Machine Repairers  Desktop Publishers and Page Layout Workers  Directors- Stage, Motion Pictures, Television, and Radio  Electronic Home Entertainment Equipment Installers/Repairers  Fashion Designers and Interior Designers  Fine Artists, Including Painters, Sculptors, and Illustrators  Multi-Media Artists and Animators  Music Directors  Poets, Lyricists and Creative Writers  Producers  Radio Mechanics and Operators  Telecommunications Equipment Installers and Repairers | | Agents and Business Managers $47,240  Animators and Multi-media Artists $46,170  Art Directors and Talent Directors $73,800  Broadcast News Analysts and News Reporters  Copy Writers, Technical Writers and Editors  Directors- Stage, Motion Pictures, Television, and Radio  Film and Video Editors $38,260  Graphic Designers $40,080  Industrial Designers $52,070  Interpreters and Translators  Multi-Media Artists and Animators  Museum Technicians and Conservators $31,180  Music Composers, Directors, and Arrangers  Poets, Lyricists and Creative Writers  Proofreaders and Copy Markers  Reporters and Correspondents  Set and Exhibit Designers $44,070  Vocational Education Teachers, Postsecondary $46,69 | | Art, Drama, and Music Teachers, Postsecondary  Communications Teachers, Postsecondary  English Language and Literature Teachers, Postsecondary  Historians  Librarians | | |

***King City R-I***

***Business Management & Administration***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

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| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

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|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
| **Secondary** | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | **Physical Science** | **American History** | **Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) |  | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *CompTIA A+/C-Tech*    **Placement Assessments:**  *Compass Test*  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | **Biology** | **World History** |  |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** | ♦Computer Service Tech I  Medical Transcription/Billing & Coding I |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, | ♦Computer Service Tech II  Medical Transcription/Billing & Coding I |

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[**www.cape.k12.mo.us/cc/default.htm**](http://www.cape.k12.mo.us/cc/default.htm)  **Clinton Tech School**  [**www.clinton.k12.mo.us**](http://www.clinton.k12.mo.us)  **Eldon Career Center -** [**www.eldoncareercenter.org**](http://www.eldoncareercenter.org)  **Franklin Technology- MSSU** [**www.ftcjoplin.com**](http://www.ftcjoplin.com)  **Grand River Technical School**  [**www.grts.org**](http://www.grts.org)  **Hillyard Technical Center**  [www.hillyardtech.com](http://www.hillyardtech.com)  **Kirksville Area Tech Center**  [www.kirksville.k12.mo.us](http://www.itt-tech.edu)  **Lex La-Ray Tech Center**  [www.lexington.k12.mo.us](http://www.lexington.k12.mo.us)  **Moberly Area Tech Center** [www.moberly.k12.mo.us](http://www.moberly.k12.mo.us)  **Northwest Tech School -** [www.maryville.k12.mo.us](http://www.maryville.k12.mo.us)  **Pike-Lincoln Tech Center**  [**www.pltc.k12.mo.us**](http://www.pltc.k12.mo.us)  **Ranken Tech College -** [www.ranken.edu](http://www.ranken.edu)  **Saline County Career Center**  [**www.marshallschools.com/sccc**](http://www.marshallschools.com/sccc)  **Sikeston Career and Technology Center**  [**www.sikeston.k12.mo.us**](http://www.sikeston.k12.mo.us) | | **Avila University -** [**www.avila.edu**](http://www.avila.edu)  **Baptist Bible College -** [**www.baptist.edu**](http://www.baptist.edu)  **Bryan College -** [**www.bryancollege.com**](http://www.bryancollege.com)  **Central Methodist University**  [**www.centralmethodist.edu**](http://www.centralmethodist.edu)  **College of the Ozarks -** [**www.cofo.edu**](http://www.coto.edu)  **Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)  **Culver-Stockton College -** [**www.culver.edu**](http://www.culver.edu)  **DeVry University –** [**www.devry.edu**](http://www.devry.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Evangel University -** [**www.evangel.edu**](http://www.evangel.edu)  **Everest College -** [**www.everest-college.com**](http://www.everest-college.com)  **Fontbonne Univ -** [**www.fontbonne.edu**](http://www.fontbonne.edu)  **Hannibal-Lagrange College -**[**www.hlq.edu**](http://www.hlq.edu)  **Harris-Stowe State Univ -** [**www.hssu.edu**](http://www.hssu.edu)  **Hickey College -** [**www.hickeycollege.edu**](http://www.hickeycollege.edu)  **Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood Univ -** [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Maryville Univ of St. Louis**  [**www.maryville.edu**](http://www.maryville.edu)  **Messenger College**  [**www.messengercollege.edu**](http://www.messengercollege.edu)  **Missouri Baptist Univ -** [**www.mobap.edu**](http://www.mobap.edu)  **Missouri College**  [**www.missouricollege.com**](http://www.missouricollege.com)  **MO Southern State Univ -** [**www.mssu.edu**](http://www.mssu.edu)  **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu)  **Missouri State University – West Plains**  [**www.wp.missouristate.edu**](http://www.wp.missouristate.edu) | | ♦**Missouri Western State University**  [**www.missouriwestern.edu**](http://www.missouriwestern.edu)  Computer Service – 12 hrs  **Northwest Missouri State University**  [**www.nwmissouri.edu**](http://www.nwmissouri.edu)  **Park University -** [**www.park.edu**](http://www.park.edu)  **Patricia Stevens College**  [**www.patriciastevenscollege.edu**](http://www.patriciastevenscollege.edu)  **Rockhurst University -** [**www.rockhurst.edu**](http://www.rockhurst.edu)  **Saint Louis University**  [**www.imagine.stu.edu**](http://www.imagine.stu.edu)  **Sanford-Brown College**  [**www.sanford-browncollege.com**](http://www.sanford-browncollege.com)  **Southeast MO State Univ -**[**www.semo.edu**](http://www.semo.edu)  **Southwest Baptist Univ -**[**www.sbuniv.edu**](http://www.sbuniv.edu)  **Stephens College -** [**www.stephens.edu**](http://www.stephens.edu)  **Truman State Univ -** 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| **On-the-Job Training** | | | **Technical Training or Associate Degree** | | **Bachelors Degree** | | **Masters Degree or More** | | |
| Billing Clerks  Bookkeeping and Accounting Clerks  Computer Operators  Copy Machine Operators  Couriers and Messengers  Data Entry  File Clerks  General Office Clerks  Human Resources Assistants  Interviewing Clerks  Mail Clerks  Order Clerks and Stock Clerks  Payroll and Timekeeping clerks  Receptionists  Secretaries  Shipping and Receiving Clerks  Typists | | | Court Reporters  First-Line Supervisors/Managers  General and Operations Managers  Production and Operating Workers | | Administrative Services Managers  Advertising Managers  Business Executives  Computer and Information Systems Managers  Employee Training Specialists  Employment Interviewers and Recruiters  Human Resources Managers  Job Benefits and Analysis Specialists  Management Analysts  Market Research Analysts  Meeting and Convention Planners  Property and Real Estate Managers  Public Relations Managers, Specialists  Purchasing Manager and Sales Managers  Regulatory Affairs Specialists  Social and Community Services Managers  Storage and Distribution Managers | | Business Teacher, Postsecondary  Chief Executives  Controller, Treasurers  Economists  Medical and Health Services Managers  Operations Research Analysts  Statisticians | | |

***King City R-I***

***Education & Training***

**Career Cluster Program of Study Template**

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| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
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| **On-The-Job Training or Less** | | | | **Technical Training or Associate Degree** | | **Bachelors Degree** | | **Masters Degree or More** | | |
| Audi-Visual Specialists  Coaches and Scouts  Library Assistant  Teacher Aides | | | | Adult and Vocational Education Instructors  Fitness Trainers and Aerobics Instructors  Library Technical Assistants  Preschool Teachers  Teacher Assistants | | Adult and Vocational Education Instructors  Adult Literacy, Remedial Education, GED Teachers  Audio-Visual Specialists  Education Administrators  Elementary School Teachers  Employee Training Specialists  High School Teachers  Kindergarten Teachers  Middle School Teachers  Poets, Lyricists, and Creative Writer  Public Health Educators  Special Education Teachers | | Adult and Vocational Education Instructors  Audiologists  Coaches and Scouts  College and University Administrators  Curriculum and Instruction  Dieticians and Nutritionists  Education Administrators  Historians  Instructional Coordinators  Librarians  School Psychologists  Speech Pathologists  Teacher | | |

***King City R-I***

***Finance***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

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| Bank Tellers  Bill and Account Collectors  Brokerage Clerks  Credit Checkers and Authorizers  Insurance Adjusters and Examiners  Insurance Claims Clerk  Insurance Policy and Claims Clerks  Loan Clerks  Tax Preparers  Title Examiners and Searchers | | Claims Examiners, Property and Casualty Insurance  Insurance Appraisers, Auto Damage  Insurance Sales Agents  Insurance Underwriters | | | | Accountants and Auditors  Appraisers and Assessors  Budget Analysts  Credit Analysts  Financial Analysts  Financial Examiners  Financial Managers  Insurance Agents  Insurance Underwriters  Loan Officers  Securities Salespeople | | Actuaries  Business Teacher, Postsecondary  Economists  Treasurers and Controllers | | |

***King City R-I***

***Government & Public Administration***

**Career Cluster Program of Study Template**

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| **Crowder College**  [www.crowder.edu](http://www.crowder.edu)  **East Central College**  [www.eastcentral.edu](http://www.eastcentral.edu)  **Moberly Area Community College**  [www.macc.edu](http://www.macc.edu) | **Cape Girardeau Career/Tech Center**  [www.cape.k12.mo.us/cc/default.htm](http://www.cape.k12.mo.us/cc/default.htm)  **Clinton Technical School**  [www.ed2go.com/cts](http://www.ed2go.com/cts)  **Franklin Technology – MSSU**  [www.ftcjoplin.com](http://www.ftcjoplin.com)  **Grand River Technical School**  [www.grts.org](http://www.grts.org)  **Lex La-Ray Technical Center**  [www.lexington.k12.mo.us](http://www.lexington.k12.mo.us)  **Moberly Area Technical Center**  [www.moberly.k12.mo.us](http://www.moberly.k12.mo.us)  **Pike-Lincoln Technical Center**  <http://pltc.k12.mo.us>  **Saline County Career Center**  [www.marshallschools.com/sccc](http://www.marshallschools.com/sccc)  **Sikeston Career & Technology Center**  [www.sikestone.k12.mo.us](http://www.sikestone.k12.mo.us) | **Avila University**  [www.avila.edu](http://www.avila.edu)  **Central Methodist University**  [www.centralmethodist.edu](http://www.centralmethodist.edu)  **College of the Ozarks**  [www.cofo.edu](http://www.cofo.edu)  **Columbia College**  [www.ccis.edu](http://www.ccis.edu)  **Culver-Stockton College**  [www.culver.edu](http://www.culver.edu)  **Drury University**  [www.drury.edu](http://www.drury.edu)  **Evangel University**  [www.evangel.edu](http://www.evangel.edu)  **Everest College**  [www.everest-college.edu](http://www.everest-college.edu)  **Fontbonne University**  [www.fontbonne.edu](http://www.fontbonne.edu)  **Harris-Stowe State University**  [www.hssu.edu](http://www.hssu.edu)  **Lincoln University**  [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood University**  [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Maryville University of Saint Louis**  [www.maryville.edu](http://www.maryville.edu)  **Missouri Baptist University**  [www.mobap.edu](http://www.mobap.edu)  **Missouri Southern State University**  [www.mssu.edu](http://www.mssu.edu)  **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu) | **Missouri Valley College**  [www.moval.edu](http://www.moval.edu)  **Missouri Western State University**  [www.missouriwestern.edu](http://www.missouriwestern.edu)  **Northwest Missouri State University**  [www.nwmissouri.edu](http://www.nwmissouri.edu)  **Park University**  [www.park.edu](http://www.park.edu)  **Rockhurst University**  [www.rockhurst.edu](http://www.rockhurst.edu)  **Saint Louis University**  [www.imagine.slu.edu](http://www.imagine.slu.edu)  **Southeast MO State University**  [www.semo.edu](http://www.semo.edu)  **Southwest Baptist University**  [www.sbuniv.edu](http://www.sbuniv.edu)  **Stephens College**  [www.stephens.edu](http://www.stephens.edu)  **Truman State University**  [www.truman.edu](http://www.truman.edu)  **University of Central Missouri**  [www.ucmo.edu](http://www.ucmo.edu)  **University of MO – Columbia**  [www.missouri.edu](http://www.missouri.edu)  **University of Missouri – Kansas City**  [www.umkc.edu](http://www.umkc.edu)  **University of MO – St Louis**  [www.umsl.edu](http://www.umsl.edu)  **Washington University**  [www.wustl.edu](http://www.wustl.edu)  **Webster University**  [www.webster.edu](http://www.webster.edu) | * **Apprenticeship** * **Military** * **On-the-Job Training**   **ITT Technical Institute**  [www.itt-tech.edu](http://www.itt-tech.edu)  **Kansas City Art Institute**  [**www.kcai.edu**](http://www.kcai.edu)  **National American University**  [www.national.edu](http://www.national.edu) | |

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| **Sample Careers By Educational Level – For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | |
| **On-The-Job Training or Less** | **Technical Training or Associate Degree** | **Bachelors Degree** | **Masters Degree or More** |
| Compliance Officers and Inspectors  Government Benefits Interviewers  Interpreters and Translators  License Clerks  Mail Carriers  Meter Readers  Postal Clerks | Assessors  Eligibility Interviewers, Government Programs  General, Operations and Transportation Managers  Government Property Inspectors and Investigators  Licensing Examiners and Inspectors  Mapping Technicians  Municipal and Court Clerks  Postmasters and Mail Superintendents  Surveying Technicians  Tax Examiners, Collectors, and Revenue Agents  Tax Preparers | Administrative Services Managers  Broadcast News Analysts & Public Relations Specialists  City and Regional Planning Aides  Emergency Management Specialists  Equal Opportunity Representatives and Officers  Financial Examiners  Legislators  Reporters and Correspondents  Social and Community Service Managers  Storage and Distribution Managers  Urban and Regional Planners | Architecture Teachers, Postsecondary  Chief Executives  Communications Teachers, Postsecondary  Coroners  Economists  Engineering Managers  Political Science Teachers, Postsecondary  Political Scientists |

***King City R-I***

***Health Sciences***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

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| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
| **Secondary** | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | **Physical Science** | **American History** | **Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) |  | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other:*  *\_Clinicals\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *Certified Nurse Assistant (CNA) Emergency Medical Technician – Basic*  **Placement Assessments:**  *Compass Test*  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | **Biology** | **World History** |  |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** | Health Service Assistant I  Medical Transcription/Billing & Coding I |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, | Emergency Medical Services  Health Service Assistant II  Medical Transcription/Billing & Coding II |

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| **Postsecondary Offerings - For A Complete Listing, go to** [**www.missouriconnections.org**](http://www.missouriconnections.org)**.** | | | | | | | | | |
| **Postsecondary** | **Community College** | **Technical School/Training Institution** | | **In State** | | | | **Out of State/Other** | |
| **Crowder College**  [**www.crowder.edu**](http://www.crowder.edu)  **East Central College**  [**www.eastcentral.edu**](http://www.eastcentral.edu)  **Jefferson College**  [**www.jeffco.edu**](http://www.jeffco.edu)  **Metropolitan Comm College**  [**www.mcckc.edu**](http://www.mcckc.edu)  **Mineral Area College**  [**www.mineralarea.edu**](http://www.mineralarea.edu)  **Moberly Area Comm College**  [**www.macc.edu**](http://www.macc.edu)  **North Central MO College**  [**www.ncmissouri.edu**](http://www.ncmissouri.edu)  **Ozarks Tech Comm College**  [**www.otc.edu**](http://www.otc.edu)  **St. Charles Comm College**  [www.stchas.edu](http://www.stchas.edu)  **St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu)  **State Fair Community College**  [**www.sfccmo.edu**](http://www.sfccmo.edu)  **Three Rivers Comm College**  [**www.trcc.edu**](http://www.trcc.edu) | **Cape Girardeau Career/Tech Center**  [**www.cape.k12.mo.us/cc/default.htm**](http://www.cape.k12.mo.us/cc/default.htm)  **Cass Career Center**  [**www.harrisonville.k12.mo.us**](http://www.harrisonville.k12.mo.us)  **Columbia Career Center**  [**www.career-center.org**](http://www.career-center.org)  **Four Rivers Technical Center**  [**www.washington.k12.mo.us**](http://www.washington.k12.mo.us)  **Franklin Tech - MSSU** [**www.ftcjoplin.com**](http://www.ftcjoplin.com)  **Grand River Tech School -** [**www.grts.org**](http://www.grts.org)  **Herndon Career Center**  [**www.herndoncareercenter.com**](http://www.herndoncareercenter.com)  **Hillyard Technical Center**  [www.hillyardtech.com](http://www.hillyardtech.com)  **Kennett Career and Technology Center**  [**www.kennett.k12.mo.us**](http://www.kennett.k12.mo.us)  **Lex La-Ray Tech Ctr -** [www.lexington.k12.mo.us](http://www.lexington.k12.mo.us)  **Moberly Area Tech Center** [www.moberly.k12.mo.us](http://www.moberly.k12.mo.us)  **Northland Career Center**  [**www.northlandcareercenter.com**](http://www.northlandcareercenter.com)  **Northwest Tech School -** [www.maryville.k12.mo.us](http://www.maryville.k12.mo.us)  **Poplar Bluff Schools -** [**www.r1schools.org**](http://www.r1schools.org)  **Sikeston Career and Technology Center**  [**www.sikeston.k12.mo.us**](http://www.sikeston.k12.mo.us)  **South Central Career Center**  [**www.wphs.k12.mo.us**](http://www.wphs.k12.mo.us)  **Waynesville Technical Academy**  [**www.waynesville.k12.mo.us**](http://www.waynesville.k12.mo.us) | | **AT Skill University of Health Sciences**  [**www.atsu.edu**](http://www.atsu.edu)  **Avila University -** [**www.avila.edu**](http://www.avila.edu)  **Bryan College -** [**www.bryancollege.com**](http://www.bryancollege.com)  **Central Methodist University**  [**www.centralmethodist.edu**](http://www.centralmethodist.edu)  **College of the Ozarks -** [**www.cofo.edu**](http://www.coto.edu)  **Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)  **Culver-Stockton College -** [**www.culver.edu**](http://www.culver.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Evangel University -** [**www.evangel.edu**](http://www.evangel.edu)  **Everest College**  [**www.everest-college.com**](http://www.everest-college.com)  **Fontbonne Univ -** [**www.fontbonne.edu**](http://www.fontbonne.edu)  **Hannibal-Lagrange College**  [**www.hlq.edu**](http://www.hlq.edu)  **Harris-Stowe State Univ -**[**www.hssu.edu**](http://www.hssu.edu)  **Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood Univ -** [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Maryville Univ of St. Louis**  [**www.maryville.edu**](http://www.maryville.edu)  **Missouri College**  [**www.missouricollege.com**](http://www.missouricollege.com)  **Missouri Baptist Univ -** [**www.mobap.edu**](http://www.mobap.edu)  **MO Southern State Univ -** [**www.mssu.edu**](http://www.mssu.edu)  **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu)  **Missouri State University – West Plains**  [**www.wp.missouristate.edu**](http://www.wp.missouristate.edu) | | **Missouri Valley College –**[**www.moval.edu**](http://www.moval.edu)  **Missouri Western State University**  [**www.missouriwestern.edu**](http://www.missouriwestern.edu)  **Northwest Missouri State University**  [**www.nwmissouri.edu**](http://www.nwmissouri.edu)  **Park University -** [**www.park.edu**](http://www.park.edu)  **Patricia Stevens College**  [**www.patriciastevenscollege.edu**](http://www.patriciastevenscollege.edu)  **Rockhurst University -** [**www.rockhurst.edu**](http://www.rockhurst.edu)  **Saint Louis Univ -** [**www.imagine.stu.edu**](http://www.imagine.stu.edu)  **Sanford-Brown College**  [**www.sanford-browncollege.com**](http://www.sanford-browncollege.com)  **Southeast MO State Univ -**[**www.semo.edu**](http://www.semo.edu)  **Southwest Baptist Univ -**[**www.sbuniv.edu**](http://www.sbuniv.edu)  **Stephens College -** [**www.stephens.edu**](http://www.stephens.edu)  **Truman State Univ -** [**www.truman.edu**](http://www.truman.edu)  **Univ of Central MO -** [**www.ucmo.edu**](http://www.ucmo.edu)  **Univ of MO – Columbia -**[www.missouri.edu](http://www.missouri.edu)  **Univ of MO – Kansas City** [**www.umkc.edu**](http://www.umkc.edu)  **Univ of MO – St Louis -** [**www.umsl.edu**](http://www.umsl.edu)  **Univ of Phoenix –** [**www.phoenix.edu**](http://www.phoenix.edu)  **Vatterott College**  [**www.vatterott-college.edu**](http://www.vatterott-college.edu)  **Washington University -** [www.wustl.edu](http://www.wustl.edu)  **Webster University -** [www.websteruniv.edu](http://www.websteruniv.edu)  **William Jewell College -** [www.jewell.edu](http://www.jewell.edu)  **William Woods University**  [www.williamwoods.edu](http://www.williamwoods.edu) | | | * **Apprenticeship** * **Military** * **On-the-Job Training**   **Allied College -** [**www.hightechinstitute.edu**](http://www.hightechinstitute.edu)  **Barnes-Jewish College of Nursing & Allied Health -** [**www.barnesjewishcollege.edu**](http://www.barnesjewishcollege.edu)  **Cleveland Chiropractic College**  [**www.cleveland.edu**](http://www.cleveland.edu)  **Colorado Tech Univ** [**www.coloradotech.com**](http://www.coloradotech.com)  **Cox Health -** [**www.coxhealth.com**](http://www.coxhealth.com)  **Chamberlain College of Nursing**  [**www.chamberlain.edu**](http://www.chamberlain.edu)  **Heritage Coll -** [**www.heritage-college.com**](http://www.heritage-college.com)  **Cox College of Nursing & Health Science**  [**www.coxcollege.edu**](http://www.coxcollege.edu)  **Logan Coll of Chiropractic -** [**www.logan.edu**](http://www.logan.edu)  **Lutheran School of Nursing**  [**www.nursingschooollmc.com**](http://www.nursingschooollmc.com)  **Kansas City Univ of Med & Biosciences -** [**www.kcumb.edu**](http://www.kcumb.edu)  **Research Med Ctr School of Nuclear Med** [**www.researchmedicalcenter.com**](http://www.researchmedicalcenter.com)  **St John’s Reg Health Ctr -**[**www.stjohns.com**](http://www.stjohns.com)  **Saint Luke’s College -** [**www.saint-lukes.org**](http://www.saint-lukes.org)  **St Louis College of Health Careers** [**www.slchc.com**](http://www.slchc.com)  **St Louis Coll Pharmacy -** [**www.stlcoop.edu**](http://www.stlcoop.edu)  **Southeast MO Hospital College of Nursing**  [**www.souteastmissourihospital.com**](http://www.souteastmissourihospital.com)  **Truman Med Ctr School - Nurse Anesthesia**  [**www.trumed.org**](http://www.trumed.org) |
| **Sample Careers By Educational Level - For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careercluster.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | |
| **On-The-Job Training or Less** | | | **Technical Training or Associate Degree** | | **Bachelors Degree** | | **Masters Degree or More** | | |
| Dental Assistants  Dental Laboratory Technicians  Home Health Aides  Medical Appliance Technicians  Medical Assistants  Medical Equipment Preparers  Medical Secretaries  Personal and Home Care Aides  Pharmacy Aides  Pharmacy Technicians  Physical Therapist Aides  Psychiatric Aides | | | Cardiovascular Technologists  Dental Hygienists  Emergency Medical Technicians  Health Information Technicians  Licensed Practical Nurses  Medical Laboratory Technicians  Medical Sonographers  Medical Transcriptionists  Nursing Assistants  Occupational Therapist Assistants  Physical Therapist Assistants  Radiation Therapists  Radiologic Technologists  Registered Nurses  Respiratory Therapists  Surgical Technologists  Veterinary Technologists and Technicians | | Administrative Services Managers  Athletic Trainers  Biomedical Engineers  Computer Programmers  Computer Software Engineers, Applications  Dietitians  Health Educators  Medical and Clinical Laboratory Technologists  Medical Laboratory Technologists  Occupational Health and Safety Specialists  Orthotic and Prosthetic Specialists  Petroleum Engineers  Public Relations Specialists  Recreational Therapists  Rehabilitation Counselors | | Athletic Trainers, Physical and Occupational Therapists  Biologists, Physicists, Hydrologists, Epidemiologists  Clinical Psychologists and Mental Health Counselors  Computer and Information Scientists, Research  Dietitians and Nutritionists  Farm and Home Management Advisors  Health Specialties Teachers, Postsecondary  Home Economics Teachers, Postsecondary  Medical and Health Services Managers  Medical Scientists, Except Epidemiologists  Natural Sciences Mgrs, Zoologists and Wildlife Biologists  Nurse Anesthetists and Physician Assistants  Orthotics and Prosthetics  Pharmacists  Speech-Language Pathologists  Communications Teachers, Postsecondary  Veterinarians | | |

***King City R-I***

***Hospitality & Tourism***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

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| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
| **Secondary** | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | **Physical Science** | **American History** | **Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) |  | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Placement Assessments:**  *Compass Test*  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | **Biology** | **World History** |  |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** | ♦⮘Refrigeration, Heating & Air Conditioning I |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, | ♦⮘Refrigeration, Heating & Air Conditioning II |

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| **Postsecondary Offerings - For A Complete Listing, go to** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | |
| **Postsecondary** | **Community College** | **Technical School/Training Institution** | | **In State** | | | | **Out of State/Other** | |
| **Crowder College**  [**www.crowder.edu**](http://www.crowder.edu)  **East Central College**  [**www.eastcentral.edu**](http://www.eastcentral.edu)  **Jefferson College**  [**www.jeffco.edu**](http://www.jeffco.edu)  ♦**Metropolitan Community College**  [**www.mcckc.edu**](http://www.mcckc.edu)  HVAC – 8 hrs  **Mineral Area College**  [**www.mineralarea.edu**](http://www.mineralarea.edu)  ♦**North Central MO College**  [**www.ncmissouri.edu**](http://www.ncmissouri.edu)  HVAC – 30 hrs  **Ozarks Tech Community College**  [**www.otc.edu**](http://www.otc.edu)  **St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu)  **Three Rivers Community College**  [**www.trcc.edu**](http://www.trcc.edu) | **Cape Girardeau Career/Tech Center**  [**www.cape.k12.mo.us/cc/default.htm**](http://www.cape.k12.mo.us/cc/default.htm)  **Gibson Technical Center**  [**www.wolves.k12.mo.us/gtc**](http://www.wolves.k12.mo.us/gtc)  **Hillyard Technical Center**  [**www.hillyardtech.com**](http://www.hillyardtech.com)  **Lake Career and Technical Center**  [**www.camdentonschools.org**](http://www.camdentonschools.org)  **Lebanon Technology Career Center**  [**www.lebanon.k12.mo.us**](http://www.lebanon.k12.mo.us)  **Macon Area Vocational Technical School**  [**www.macon.k12.mo.us/vocational**](http://www.macon.k12.mo.us/vocational)  **Northland Career Center**  [**www.northlandcareercenter.com**](http://www.northlandcareercenter.com)  **Northwest Tech School -** [www.maryville.k12.mo.us](http://www.maryville.k12.mo.us)  **Nevada Regional Technical Center**  [**www.nevada.k12.mo.us.us**](http://www.nevada.k12.mo.us.us)  **Pemiscot County Career & Tech Ctr**  **South Central Career Center**  [**www.wphs.k12.mo.us**](http://www.wphs.k12.mo.us)  **Waynesville Technical Academy**  [**www.waynesville.k12.mo.us**](http://www.waynesville.k12.mo.us) | | **Avila University -** [**www.avila.edu**](http://www.avila.edu)  **Central Methodist University**  [**www.centralmethodist.edu**](http://www.centralmethodist.edu)  **College of the Ozarks -** [**www.cofo.edu**](http://www.coto.edu)  **Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)  **Culver-Stockton College**  [**www.culver.edu**](http://www.culver.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Evangel University -** [**www.evangel.edu**](http://www.evangel.edu)  **Fontbonne Univ -** [**www.fontbonne.edu**](http://www.fontbonne.edu)  **Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood Univ -** [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Missouri Baptist Univ -** [**www.mobap.edu**](http://www.mobap.edu)  **MO Southern State University**  [**www.mssu.edu**](http://www.mssu.edu)  **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu)  **Missouri Valley College**  [**www.moval.edu**](http://www.moval.edu)  **Missouri Western State University**  [**www.missouriwestern.edu**](http://www.missouriwestern.edu)  **Northwest Missouri State University**  [**www.nwmissouri.edu**](http://www.nwmissouri.edu) | | **Park University -** [**www.park.edu**](http://www.park.edu)  **Rockhurst University -** [**www.rockhurst.edu**](http://www.rockhurst.edu)  **Saint Louis Univ -** [**www.imagine.stu.edu**](http://www.imagine.stu.edu)  **Southeast MO State Univ -**[**www.semo.edu**](http://www.semo.edu)  **Southwest Baptist Univ -**[**www.sbuniv.edu**](http://www.sbuniv.edu)  **Stephens College -** [**www.stephens.edu**](http://www.stephens.edu)  **Truman State Univ -** [**www.truman.edu**](http://www.truman.edu)  **Univ of Central MO -** [**www.ucmo.edu**](http://www.ucmo.edu)  **University of MO – Columbia**  [www.missouri.edu](http://www.missouri.edu)  **Univ of MO – Kansas City** [**www.umkc.edu**](http://www.umkc.edu)  **Univ of MO – St Louis -** [**www.umsl.edu**](http://www.umsl.edu)  **Washington University -** [www.wustl.edu](http://www.wustl.edu)  **Webster University**  [www.websteruniv.edu](http://www.websteruniv.edu)  **Westminster College**  [**www.westminster-mo.edu**](http://www.westminster-mo.edu)  **William Jewell College -** [www.jewell.edu](http://www.jewell.edu)  **William Woods University**  [www.williamwoods.edu](http://www.williamwoods.edu) | | | * **Apprenticeship** * **Military** * **On-the-Job Training**   **Kansas City Art Institute**  [**www.kcai.edu**](http://www.kcai.edu)  **Lecole Culinaire**  [www.lecoleculinarie.com](http://www.lecoleculinarie.com)  **Midwestern Baptist Theological Seminary** – [www.mbts.edu](http://www.mbts.edu)  **⮘Southeast Community College**  [**www.southeast.edu**](http://www.southeast.edu)  HVAC – Adv Standing |
| **Sample Careers By Educational Level - For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | |
| **On-The-Job Training or Less** | | | **Technical Training or Associate Degree** | | **Bachelors Degree** | | **Masters Degree or More** | | |
| Amusement and Recreation Workers  Baggage Porters and Bellhops  Bartenders  Casino Gaming Workers  Chefs and Dinner Cooks  Concierges  Counter Attendants  Fast Food Cooks  Food Preparation Workers  Hotel Desk Clerks  Janitors and Cleaners  Kitchen Helpers  Maids and Housekeepers  Professional Athletes  Recreation Attendants  Recreation Guides  Recreation Workers  Reservation and Ticket Agents  Restaurant Hosts  Tour Guides  Umpires and Referees  Waiters and Waitresses | | | Animal Trainers  Casino Gaming Workers  First-Line Supervisors/Managers of Housekeeping and Janitorial Workers  Flight Attendants  Food Service Managers  Lodging Managers  Reservation and Transportation Ticket Agents and Travel Clerks  Residential Advisors  Self Enrichment Education Teachers  Travel Agents | | Interpreters and Translators  Meeting and Convention Planners  Recreation Workers  Set and Exhibit Designers  Social and Community Service Managers | | Farm and Home Management Advisors | | |

***King City R-I***

***Human Services***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

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| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
| **Secondary** | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | **Physical Science** | **American History** | **Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) |  | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other: \_Clinicals\_\_\_\_\_\_\_\_\_\_\_\_*    **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *Certified Nurse Assistant (CNA) Emergency Medical Technician – Basic*  *Firefighting I & II*  **Placement Assessments:**  *Compass Test*  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | **Biology** | **World History** |  |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** | Firefighting I & II  Health Service Assistant I |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, | Emergency Medical Technician  Health Service Assistant II |

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| **Postsecondary Offerings - For A Complete Listing, go to** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | | | |
| **Postsecondary** | **Community College** | | **Technical School/Training Institution** | | **In State** | | | | | **Out of State/Other** | |
| **Crowder College**  [**www.crowder.edu**](http://www.crowder.edu)  **East Central College**  [**www.eastcentral.edu**](http://www.eastcentral.edu)  **St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu) | **Colorado Technical University**  [**www.coloradotech.com**](http://www.coloradotech.com)  **Davis Hart Career Center**  [**www.mexicoschools.net**](http://www.mexicoschools.net)  **Herndon Career Center**  [**www.herndoncareercenter.com**](http://www.herndoncareercenter.com)  **Heritage Tech Institute**  [**www.hightechinstitute.edu**](http://www.hightechinstitute.edu)  **Hillyard Technical Center**  [**www.hillyardtech.com**](http://www.hillyardtech.com)  **Massage Therapy Training Institute**  [**www.massagetherapytraininginstitute.com**](http://www.massagetherapytraininginstitute.com)  **Midwest Institute**  [**www.midwestinstitute.com**](http://www.midwestinstitute.com)  **Neosho Beauty College**  [**www.neoshobeautycollege.com**](http://www.neoshobeautycollege.com)  **Paris II Educational Center -** [**www.parisii.net**](http://www.parisii.net)  **Patsy & Robs Academy of Beauty**  [**www.praob.edu**](http://www.praob.edu)  **Pinnacle Career Institute**  [**www.pcitraining.edu**](http://www.pcitraining.edu)  **Professional Massage Training Center**  [**www.pmtc.edu**](http://www.pmtc.edu)  **Regency Beauty Institute**  [**www.regencybeauty.com**](http://www.regencybeauty.com)  **St Charles School of Massage Therapy**  [**www.dayspaacademy.net**](http://www.dayspaacademy.net) | | | | **Allied College -** [**www.alliedcollege.edu**](http://www.alliedcollege.edu)  **Avila University -** [**www.avila.edu**](http://www.avila.edu)  **Central Bible College –** [**www.cbcag.edu**](http://www.cbcag.edu)  **Central Methodist University**  [**www.centralmethodist.edu**](http://www.centralmethodist.edu)  **College of the Ozarks -** [**www.cofo.edu**](http://www.coto.edu)  **Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)  **Conception Seminary College**  [**www.conceptionabbey.org**](http://www.conceptionabbey.org)  **Culver-Stockton College**  [**www.culver.edu**](http://www.culver.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Evangel University -** [**www.evangel.edu**](http://www.evangel.edu)  **Fontbonne Univ -** [**www.fontbonne.edu**](http://www.fontbonne.edu)  **Hannibal-Lagrange College**  [**www.hlq.edu**](http://www.hlq.edu)  **Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood Univ -** [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Maryville University of St. Louis**  [**www.maryville.edu**](http://www.maryville.edu)  **Messenger College**  [**www.messengercollege.edu**](http://www.messengercollege.edu)  **Metro Business College**  [**www.metrobusinesscollege.edu**](http://www.metrobusinesscollege.edu)  **Midwest University -** [**www.midwest.edu**](http://www.midwest.edu)  **Missouri Baptist Univ -** [**www.mobap.edu**](http://www.mobap.edu)  **Missouri College**  [**www.missouricollege.com**](http://www.missouricollege.com)  **Missouri College of Cosmetology**  [**www.missouricosmo.com**](http://www.missouricosmo.com)  **MO Southern State University** [**www.mssu.edu**](http://www.mssu.edu)  **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu)  **Missouri Valley College**  [**www.moval.edu**](http://www.moval.edu) | | **Missouri Western State University**  [**www.missouriwestern.edu**](http://www.missouriwestern.edu)  **Northwest Missouri State University**  [**www.nwmissouri.edu**](http://www.nwmissouri.edu)  **Ozark Christian College -** [**www.occ.edu**](http://www.occ.edu)  **Park University -** [**www.park.edu**](http://www.park.edu)  **Rockhurst University** [**www.rockhurst.edu**](http://www.rockhurst.edu)  **Saint Louis Christian College**  [**www.slcconlin.edu**](http://www.slcconlin.edu)  **St Louis College of Health Careers**  [**www.slchc.com**](http://www.slchc.com)  **Saint Louis Univ -** [**www.imagine.stu.edu**](http://www.imagine.stu.edu)  **Sanford-Brown College**  [**www.sanford-browncollege.com**](http://www.sanford-browncollege.com)  **Southeast MO State University** [**www.semo.edu**](http://www.semo.edu)  **Southwest Baptist University**  [**www.sbuniv.edu**](http://www.sbuniv.edu)  **Truman State Univ -** [**www.truman.edu**](http://www.truman.edu)  **Univ of Central MO -** [**www.ucmo.edu**](http://www.ucmo.edu)  **University of MO – Columbia**  [www.missouri.edu](http://www.missouri.edu)  **University of MO – Kansas City** [**www.umkc.edu**](http://www.umkc.edu)  **Univ of MO – St Louis -** [**www.umsl.edu**](http://www.umsl.edu)  **Vatterott College**  [**www.vatterott-college.edu**](http://www.vatterott-college.edu)  **Washington University -** [www.wustl.edu](http://www.wustl.edu)  **Webster University -** [www.websteruniv.edu](http://www.websteruniv.edu)  **Westminster College**  [**www.westminster-mo.edu**](http://www.westminster-mo.edu)  **William Woods University**  [www.williamwoods.edu](http://www.williamwoods.edu) | | | * **Apprenticeship** * **Military** * **On-the-Job Training**   **Aquinas Institute of Theology** [**www.ai.edu**](http://www.ai.edu)  **Assemblies of God Theological Seminary –** [**www.agts.edu**](http://www.agts.edu)  **Calvary Bible College & Theological Seminary –** [**www.calvary.edu**](http://www.calvary.edu)  **Chillicothe Beauty Academy**  [**www.chillicothecosmetology.com**](http://www.chillicothecosmetology.com)  **Concordia Seminary -** [**www.csl.edu**](http://www.csl.edu)  **Cosmetology Concepts Institute**  [**www.cosmetology-concepts.com**](http://www.cosmetology-concepts.com)  **Covenant Theological Seminary**  [**www.covenantseminary.edu**](http://www.covenantseminary.edu)  **Eden Theological Seminary** [**www.eden.edu**](http://www.eden.edu)  **Elaine Steven Beauty College**  [**www.elainestevenbeautycollege.com**](http://www.elainestevenbeautycollege.com)  **Grabber School of Hair Design**  [**www.grabberschool.com**](http://www.grabberschool.com)  **House of Heavlin Beauty College**  [**www.kc-hair.com**](http://www.kc-hair.com)  **Independence College of Cosmetology**  [**www.hair-skin-nails.com**](http://www.hair-skin-nails.com)  **Kenrick Glennon Seminary**  [**www.kenrick.edu**](http://www.kenrick.edu)  **Merrell University of Beauty Arts & Science -** [**www.merrelluniversity.edu**](http://www.merrelluniversity.edu)  **Midwestern Baptist Theological Seminary -** [**www.mbts.edu**](http://www.mbts.edu)  **Nazarene Theological Seminary**  [**www.nts.edu**](http://www.nts.edu)  **St Paul School of Theology** [**www.spst.edu**](http://www.spst.edu) |
| **Sample Careers By Educational Level – For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | | | |
| **On-The-Job Training or Less** | | | | **Technical Training or Associate Degree** | | | **Bachelors Degree** | | **Masters Degree or More** | | |
| Child Care Workers  Customer Service Representatives  Funeral Attendants  Laundry and Dry Cleaning Workers  Lifeguards and Other Recreational Protective Service Workers  Residential Counselors  Social and Human Service Assistants | | | | Barbers  Embalmers and Funeral Director  Government Programs  Hairstylists and Cosmetologists  Manicurists  Preschool Teacher  Professional Makeup Artists  Residential Advisors  Skin Care Specialists  Social and Human Service Assistants | | | Addiction Counselors  Director, Religious Activities and Education  Early Childhood Educator  Financial Counselors  Health Educators  Recreation Workers  Rehabilitation Counselors  Social and Community Service Manager  Social Workers | | Clergy  Industrial-Organizational Psychologists  Marriage and Family therapists  Mental Health Counselors  Psychologists  Rehabilitation Counselors  School Counselors  Social Workers  Substance Abuse and Behavioral Disorder Counselors  Teachers, Postsecondary | | |

***King City R-I***

***Information Technology***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

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| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

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|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
| **Secondary** | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | **Physical Science** | **American History** | **R Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) |  | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *CompTIA A+/C-Tech*    **Placement Assessments:**  *Compass Test*  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | **Biology** | **World History** |  |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** | ♦Computer Service Tech I |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, | ♦Computer Service Tech II |

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| **Postsecondary Offerings – For A Complete Listing, go to** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | | | |
| **Postsecondary** | **Community College** | **Technical School/Training Institution** | | | | **In State** | | | | | **Out of State/Other** |
| **Crowder College**  [**www.crowder.edu**](http://www.crowder.edu)  **East Central College**  [**www.eastcentral.edu**](http://www.eastcentral.edu)  **Jefferson College**  [**www.jeffco.edu**](http://www.jeffco.edu)  **Linn State Technical College**  [**www.linnstate.edu**](http://www.linnstate.edu)  **Metropolitan Community College**  [**www.mcckc.edu**](http://www.mcckc.edu)  **Mineral Area College**  [**www.mineralarea.edu**](http://www.mineralarea.edu)  **Moberly Area Community College**  [**www.macc.edu**](http://www.macc.edu)  ♦**North Central Missouri College**  [**www.ncmissouri.edu**](http://www.ncmissouri.edu)  Computer Service – 30 hrs  **Ozarks Technical Comm College**  [**www.otc.edu**](http://www.otc.edu)  **St. Charles Community College**  [www.stchas.edu](http://www.stchas.edu)  **St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu)  **State Fair Community College**  [**www.sfccmo.edu**](http://www.sfccmo.edu)  **Three Rivers Community College**  [**www.trcc.edu**](http://www.trcc.edu) | | **Davis Hart Career Center**  [**www.mexicoschools.net**](http://www.mexicoschools.net)  **Herndon Career Center**  [**www.herndoncareercenter.com**](http://www.herndoncareercenter.com)  **Kirksville Area Tech Center**  [www.kirksville.k12.mo.us](http://www.itt-tech.edu)  **Waynesville Technical Academy**  [**www.waynesville.k12.mo.us**](http://www.waynesville.k12.mo.us) | | **A.T. Skill University of Health Sciences**  [**www.atsu.edu**](http://www.atsu.edu)  **Avila University -** [**www.avila.edu**](http://www.avila.edu)  **Bryan College -** [**www.bryancollege.com**](http://www.bryancollege.com)  **Central Methodist University**  [**www.centralmethodist.edu**](http://www.centralmethodist.edu)  **College of the Ozarks -** [**www.cofo.edu**](http://www.coto.edu)  **Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)  **Culver-Stockton College -** [**www.culver.edu**](http://www.culver.edu)  **DeVry University –** [**www.devry.edu**](http://www.devry.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Evangel University -** [**www.evangel.edu**](http://www.evangel.edu)  **Everest College**  [**www.everest-college.com**](http://www.everest-college.com)  **Fontbonne Univ -** [**www.fontbonne.edu**](http://www.fontbonne.edu)  **Hannibal-Lagrange College**  [**www.hlq.edu**](http://www.hlq.edu)  **Harris-Stowe State Univ -** [**www.hssu.edu**](http://www.hssu.edu)  **Hickey College -** [**www.hickeycollege.edu**](http://www.hickeycollege.edu)  **Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood Univ -** [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Maryville Univ of St. Louis**  [**www.maryville.edu**](http://www.maryville.edu)  **Missouri Baptist Univ -** [**www.mobap.edu**](http://www.mobap.edu)  **Missouri College**  [**www.missouricollege.com**](http://www.missouricollege.com)  **MO Southern State University**  [**www.mssu.edu**](http://www.mssu.edu)  **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu)  **Missouri State University – West Plains**  [**www.wp.missouristate.edu**](http://www.wp.missouristate.edu)  **Missouri Valley College**  [**www.moval.edu**](http://www.moval.edu) | | | ♦**Missouri Western State University**  [**www.missouriwestern.edu**](http://www.missouriwestern.edu)  Computer Service – 12 hrs  **Northwest Missouri State University**  [**www.nwmissouri.edu**](http://www.nwmissouri.edu)  **Park University -** [**www.park.edu**](http://www.park.edu)  **Rockhurst University -** [**www.rockhurst.edu**](http://www.rockhurst.edu)  **Saint Louis University**  [**www.imagine.stu.edu**](http://www.imagine.stu.edu)  **Sanford-Brown College**  [**www.sanford-browncollege.com**](http://www.sanford-browncollege.com)  **Southeast MO State University**  [**www.semo.edu**](http://www.semo.edu)  **Southwest Baptist University**  [**www.sbuniv.edu**](http://www.sbuniv.edu)  **Truman State Univ -** [**www.truman.edu**](http://www.truman.edu)  **Univ of Central MO -** [**www.ucmo.edu**](http://www.ucmo.edu)  **University of MO – Columbia**  [www.missouri.edu](http://www.missouri.edu)  **University of MO – Kansas City** [**www.umkc.edu**](http://www.umkc.edu)  **Univ of MO – Rolla –** [**www.umr.edu**](http://www.umr.edu)  **Univ of MO – St Louis -** [**www.umsl.edu**](http://www.umsl.edu)  **Univ of Phoenix –** [**www.phoenix.edu**](http://www.phoenix.edu)  **Vatterott College**  [**www.vatterott-college.edu**](http://www.vatterott-college.edu)  **Washington University -** [www.wustl.edu](http://www.wustl.edu)  **Webster University**  [www.websteruniv.edu](http://www.websteruniv.edu)  **Westminster College**  [www.westminster-mo.edu](http://www.westminster-mo.edu)  **William Jewell College -** [www.jewell.edu](http://www.jewell.edu)  **William Woods University**  [www.williamwoods.edu](http://www.williamwoods.edu) | | * **Apprenticeship** * **Military** * **On-the-Job Training**   **Colorado Technical University**  [**www.coloradotech.com**](http://www.coloradotech.com)  **Grantham University**  [**www.grantham.edu**](http://www.grantham.edu)  **ITT Technical Institute**  [**www.itt-tech.edu**](http://www.itt-tech.edu)  **Kansas City Art Institute**  [**www.kcai.edu**](http://www.kcai.edu)  **Midwest Institute**  [**www.midwestinstitute.com**](http://www.midwestinstitute.com)  **Missouri Tech**  [**www.motech.edu**](http://www.motech.edu)  **National American University**  [**www.national.edu**](http://www.national.edu)  **Pinnacle Career Institute**  [**www.pcitraining.edu**](http://www.pcitraining.edu)  **Texas County Technical Institute**  [**www.texascountytech.edu**](http://www.texascountytech.edu) | |
| **Sample Careers By Educational Level – For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | | | |
| **On-the-Job Training or Less** | | | | **Technical Training or Associate Degree** | | | **Bachelors Degree** | | **Masters Degree or More** | | |
|  | | | | Computer Operators  Computer Support Specialists  Network Systems and Data Communications Analysts  Numerical Tool and Process Control Programmers  Web Administrators  Web Developers | | | Computer and Information Systems Managers  Computer Engineers  Computer Programmers  Computer Security Specialists  Computer Software Engineers  Computer Systems Administrators  Computer Systems Analysts  Data Communications analysts  Database Administrators  Graphic Designers  Multi-Media Artists and Animators  Network and Computer Systems Administrators  Software Quality Assurance Engineers and Testers | | Computer and Information Scientists, Research  Computer Science Teachers, Postsecondary  Engineering Managers | | |

***King City R-I***

***Law, Public Safety, Corrections & Security***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

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| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
| **Secondary** | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | **Physical Science** | **American History** | **Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) |  | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other:*  *\_Clinicals\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *Firefighter I & II*  *Emergency Medical Technician - Basic*    **Placement Assessments:**  *Compass Test*  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | **Biology** | **World History** |  |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** | Firefighting I & II |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, | Emergency Medical Services |

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| **Postsecondary Offerings - For A Complete Listing, go to** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | | | |
| **Postsecondary** | **Community College** | **Technical School/Training Institution** | | | | **In State** | | | | | **Out of State/Other** |
| **Crowder College**  [**www.crowder.edu**](http://www.crowder.edu)  **East Central College**  [**www.eastcentral.edu**](http://www.eastcentral.edu)  **Jefferson College**  [**www.jeffco.edu**](http://www.jeffco.edu)  **Linn State Technical College**  [**www.linnstate.edu**](http://www.linnstate.edu)  **Metropolitan Community College**  [**www.mcckc.edu**](http://www.mcckc.edu)  **Mineral Area College**  [**www.mineralarea.edu**](http://www.mineralarea.edu)  **Moberly Area Community College**  [**www.macc.edu**](http://www.macc.edu)  **North Central MO College**  [**www.ncmissouri.edu**](http://www.ncmissouri.edu)  **Ozarks Tech Community College**  [**www.otc.edu**](http://www.otc.edu)  **St. Charles Community College**  [www.stchas.edu](http://www.stchas.edu)  **St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu)  **State Fair Community College**  [**www.sfccmo.edu**](http://www.sfccmo.edu)  **Three Rivers Community College**  [**www.trcc.edu**](http://www.trcc.edu) | | **Cape Girardeau Career/Tech Center**  [**www.cape.k12.mo.us/cc/default.htm**](http://www.cape.k12.mo.us/cc/default.htm)  **Columbia Career Center**  [**www.career-center.org**](http://www.career-center.org)  **Grand River Tech School -** [**www.grts.org**](http://www.grts.org)  **Hillyard Technical Center**  [www.hillyardtech.com](http://www.hillyardtech.com)  **Rolla Technical Institute**  [**www.rolla.k12.mo.us**](http://www.rolla.k12.mo.us)  **Sikeston Career and Technology Center**  [**www.sikeston.k12.mo.us**](http://www.sikeston.k12.mo.us)  **Waynesville Technical Academy**  [**www.waynesville.k12.mo.us**](http://www.waynesville.k12.mo.us) | | **Avila University -** [**www.avila.edu**](http://www.avila.edu)  **College of the Ozarks -** [**www.cofo.edu**](http://www.coto.edu)  **Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Evangel University -** [**www.evangel.edu**](http://www.evangel.edu)  **Everest College**  [**www.everest-college.com**](http://www.everest-college.com)  **Hannibal-Lagrange College**  [**www.hlq.edu**](http://www.hlq.edu)  **Hickey College**  [**www.hickeycollege.edu**](http://www.hickeycollege.edu)  **Lindenwood Univ -** [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Maryville University of St. Louis**  [**www.maryville.edu**](http://www.maryville.edu)  **MO Southern State University**  [**www.mssu.edu**](http://www.mssu.edu)  **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu)  **Missouri State University – West Plains**  [**www.wp.missouristate.edu**](http://www.wp.missouristate.edu)  **Missouri Western State University**  [**www.missouriwestern.edu**](http://www.missouriwestern.edu) | | | **Park University -** [**www.park.edu**](http://www.park.edu)  **Patricia Stevens College**  [**www.patriciastevenscollege.edu**](http://www.patriciastevenscollege.edu)  **Rockhurst University** [**www.rockhurst.edu**](http://www.rockhurst.edu)  **Saint Louis Univ -** [**www.imagine.stu.edu**](http://www.imagine.stu.edu)  **Sanford-Brown College**  [**www.sanford-browncollege.com**](http://www.sanford-browncollege.com)  **Southeast MO State University**  [**www.semo.edu**](http://www.semo.edu)  **Southwest Baptist University**  [**www.sbuniv.edu**](http://www.sbuniv.edu)  **Univ of Central MO -** [**www.ucmo.edu**](http://www.ucmo.edu)  **University of MO – Columbia**  [www.missouri.edu](http://www.missouri.edu)  **University of MO – Kansas City** [**www.umkc.edu**](http://www.umkc.edu)  **Univ of MO – St Louis -** [**www.umsl.edu**](http://www.umsl.edu)  **Univ of Phoenix –** [**www.phoenix.edu**](http://www.phoenix.edu)  **Vatterott College**  [**www.vatterott-college.edu**](http://www.vatterott-college.edu)  **Washington University -** [www.wustl.edu](http://www.wustl.edu)  **Webster University -** [www.websteruniv.edu](http://www.websteruniv.edu)  **William Woods University**  [www.williamwoods.edu](http://www.williamwoods.edu) | | * **Apprenticeship** * **Military** * **On-the-Job Training**   **Allied College**  [**www.alliedcollege.du**](http://www.alliedcollege.du)  **High Tech Institute**  [**www.hightechinstitute.edu**](http://www.hightechinstitute.edu)  **National American University**  [**www.national.edu**](http://www.national.edu)  **Texas County Technical Institute**  [**www.texascountytech.edu**](http://www.texascountytech.edu) | |
| **Sample Careers By Educational Level - For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | | | |
| **On-The-Job Training or Less** | | | | **Technical Training or Associate Degree** | | | **Bachelors Degree** | | **Masters Degree or More** | | |
| Ambulance Drivers  Animal Control Workers  Bailiffs  Corrections Officers  Court Clerks  Crossing Guards  Fire Fighters  Forest Fire Fighters  Gaming Surveillance Officers and Gaming Investigators  Life Guards and Ski Patrollers  Parking Enforcement Officers  Parking Enforcement Workers  Police, Fire, and Ambulance Dispatchers  Security Guards  Sheriffs  Transportation Security Agents | | | | Correctional Officers and Jailers  Court Reporters  Emergency Medical Technicians and Paramedics  Fire Inspectors  Fire Investigators  First-Line Supervisors/Managers of Police and Detectives  Forest Fire Fighting and Prevention Supervisors  Forest Fire Inspectors and Prevention Specialists  Legal Secretaries  Municipal Fire Fighting and Prevention Supervisors  Paralegals and Legal Assistants  Police Detectives  Police Identification and Records Officers  Police Patrol Officers  Private Detectives and Investigators  Sheriffs and Deputy Sheriffs  Title Examiners, Abstractors, and Searchers  Transit and Railroad Police | | | Arbitrators and Mediators  Coroners  Correctional Treatment Specialists  Criminal Investigators and Special Agents  Emergency Management Specialists  Forensic Science Technicians  Immigration and Customs Inspectors  Judges and Hearing Officers  Law Clerks  Probation Officers | | Anthropology and Archeology Teachers, Postsecondary  Child, Family, and School Social Workers  Criminal Justice and Law Enforcement Teachers, Postsecondary  Lawyer  Psychology Teachers, Postsecondary | | |

***King City R-I***

***Manufacturing***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

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| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

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|  | | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | | | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | | **Required Courses, Elective Options** | | | **Hillyard Technical Center** | | | **Additional**  **Learning Opportunities** | |
| **Secondary** | | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | | | **Physical Science** | **American History** | | **Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) | | |  | | | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *CompTIA A+/C-Tech*  *AWS Welding Certification*    **Placement Assessments:**  *Compass Test*  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* | |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | | | **Biology** | **World History** | |  | | |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | | | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** | | ♦⮘Computer Aided Drafting I  ♦Computer Service Tech I  ♦Construction Technology I  ♦Electronics Technology I  ♦Precision Machining I  ♦⮘Refrigeration, Heating & Air Conditioning I  ♦⮘Welding Technology I | | |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | | | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, | | ♦⮘Computer Aided Drafting II  ♦Computer Service Tech II  ♦Construction Technology I  ♦Electronics Technology II  PLTW Engineering, Design & Development  ♦Precision Machining II  ♦⮘Refrigeration, Heating & Air Conditioning II  ♦⮘Welding Technology II | | |
| **Postsecondary Offerings – For A Complete Listing, go to** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | | | | | | | | | | |
| **Postsecondary** | **Community College** | | | | **Technical School/Training Institution** | | | | **In State** | | | | | | **Out of State/Other** | | | |
| **Crowder College**  [**www.crowder.edu**](http://www.crowder.edu)  **Jefferson College**  [**www.jeffco.edu**](http://www.jeffco.edu)  ♦**Linn State Technical College**  [**www.linnstate.edu**](http://www.linnstate.edu)  Precision Machining – 12 hrs  ♦**Metropolitan Community College**  [**www.mcckc.edu**](http://www.mcckc.edu)  Computer Aided Drafting – 9 hrs  HVAC – 8 hrs  Welding – 6 hrs  **Mineral Area College**  [**www.mineralarea.edu**](http://www.mineralarea.edu)  ♦**North Central Missouri College**  [**www.ncmissouri.edu**](http://www.ncmissouri.edu)  Computer Aided Drafting – 30 hrs  Computer Service – 30 hrs  Construction Tech – 30 hrs  Electronics Tech – 30 hrs  HVAC – 30 hrs  Precision Machining – 30 hrs  Welding Technology – 30 hrs  **Ozarks Technical Comm College**  [**www.otc.edu**](http://www.otc.edu)  **St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu)  **State Fair Community College**  [**www.sfccmo.edu**](http://www.sfccmo.edu)  **Three Rivers Community College**  [**www.trcc.edu**](http://www.trcc.edu) | | | | **Carrollton Area Career Center**  [**www.trojans.k12.mo.us**](http://www.trojans.k12.mo.us)  **Eldon Career Center**  [**www.eldoncareercenter.org**](http://www.eldoncareercenter.org)  **Grand River Technical School**  [**www.grts.org**](http://www.grts.org)  **Herndon Career Center**  [**www.herndoncareercenter.com**](http://www.herndoncareercenter.com)  **Hillyard Technical Center** [www.hillyardtech.com](http://www.hillyardtech.com)  **Lamar Area VoTech**  [**www.lamar.k12.mo.us**](http://www.lamar.k12.mo.us)  **Lex La-Ray Tech Center**  [www.lexington.k12.mo.us](http://www.lexington.k12.mo.us)  **Kirksville Area Tech Center** [www.kirksville.k12.mo.us](http://www.kirksville.k12.mo.us)  **North Central Career Center**  [**www.shr2.k12.mo.us**](http://www.shr2.k12.mo.us)  **Northland Career Center** [**www.northlandcareercenter.com**](http://www.northlandcareercenter.com)  **Northwest Tech School**  [www.maryville.k12.mo.us](http://www.maryville.k12.mo.us)  **Perryville Area Career/Tech Center**  [**www.perryville.k12.mo.us**](http://www.perryville.k12.mo.us)  **Ranken Tech College -** [www.ranken.edu](http://www.ranken.edu)  **South Central Career Center**  [**www.wphs.k12.mo.us**](http://www.wphs.k12.mo.us)  **Southwest Area Career Center**  [www.swacc.k12.mo.us](http://www.swacc.k12.mo.us) | | | | **Avila University -** [**www.avila.edu**](http://www.avila.edu)  **Baptist Bible College -** [**www.baptist.edu**](http://www.baptist.edu)  **Central Methodist University**  [**www.centralmethodist.edu**](http://www.centralmethodist.edu)  **College of the Ozarks -** [**www.cofo.edu**](http://www.coto.edu)  **Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)  **Culver-Stockton College -** [**www.culver.edu**](http://www.culver.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Evangel University -** [**www.evangel.edu**](http://www.evangel.edu)  **Everest College** [**www.everest-college.edu**](http://www.everest-college.edu)  **Fontbonne Univ -** [**www.fontbonne.edu**](http://www.fontbonne.edu)  **Hannibal-Lagrange College -**[**www.hlq.edu**](http://www.hlq.edu)  **Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood Univ -** [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Maryville Univ of St. Louis**  [**www.maryville.edu**](http://www.maryville.edu)  **Messenger College**  [**www.messengercollege.edu**](http://www.messengercollege.edu)  **Missouri Baptist Univ -** [**www.mobap.edu**](http://www.mobap.edu)  **Missouri College -** [**www.missouricollege.com**](http://www.missouricollege.com)  **MO Southern State Univ -** [**www.mssu.edu**](http://www.mssu.edu)  **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu)  **Missouri State University – West Plains**  [**www.wp.missouristate.edu**](http://www.wp.missouristate.edu)  **MO Univ of Science & Tech -** [www.mst.edu](http://www.mst.edu)  **Northwest Missouri State University**  [**www.nwmissouri.edu**](http://www.nwmissouri.edu)  **Park University -** [**www.park.edu**](http://www.park.edu)  **Rockhurst University -** [**www.rockhurst.edu**](http://www.rockhurst.edu) | | | ♦**Missouri Western State University**  [**www.missouriwestern.edu**](http://www.missouriwestern.edu)  Computer Aided Drafting – 12 hrs  Computer Service – 12 hrs  Construction Tech – 12 hrs  Electronics Tech – 12 hrs  Precision Machining  EGT 196 ET Special Topics – 7 hrs  MET 112 Manufact Methods – 3 hrs  MET 222 CNC Mach Process – 2 hrs  Welding – 12 hrs  **St Louis University -** [**www.imagine.stu.edu**](http://www.imagine.stu.edu)  **Sanford-Brown College**  [**www.sanford-browncollege.com**](http://www.sanford-browncollege.com)  **Southeast MO State Univ -** [**www.semo.edu**](http://www.semo.edu)  **Southwest Baptist Univ -**[**www.sbuniv.edu**](http://www.sbuniv.edu)  **Stephens College -** [**www.stephens.edu**](http://www.stephens.edu)  **Truman State Univ -** [**www.truman.edu**](http://www.truman.edu)  **Univ of Central MO -** [**www.ucmo.edu**](http://www.ucmo.edu)  **Univ of MO – Columbia -**[www.missouri.edu](http://www.missouri.edu)  **Univ of MO – Kansas City** [**www.umkc.edu**](http://www.umkc.edu)  **Univ of MO – St Louis -** [**www.umsl.edu**](http://www.umsl.edu)  **University of Phoenix -** [**www.phoenix.edu**](http://www.phoenix.edu)  **Vatterott Coll -**[**www.vatterott-college.edu**](http://www.vatterott-college.edu)  **Washington University -** [www.wustl.edu](http://www.wustl.edu)  **Webster University -** [www.websteruniv.edu](http://www.websteruniv.edu)  **Westminster College**  [www.westminster-mo.edu](http://www.westminster-mo.edu)  **William Jewell College -** [www.jewell.edu](http://www.jewell.edu)  **William Woods** University  [www.williamwoods.edu](http://www.williamwoods.edu) | | | | | * **Apprenticeship** * **Military** * **On-the-Job Training**   **Colorado Technical University**  [**www.coloradotech.com**](http://www.coloradotech.com)  **DeVry University**  [**www.drury.edu**](http://www.drury.edu)  **Foley-Belsaw Institute**  [**www.foley-belsaw.com**](http://www.foley-belsaw.com)  **Grantham University**  [**www.grantham.edu**](http://www.grantham.edu)  ♦**Indian Hills Community College**  [**www.ihcc.cc.ia.us**](http://www.ihcc.cc.ia.us)  Electronics Tech – 8 hrs  **ITT Technical Institute**  [**www.itt-tech.edu**](http://www.itt-tech.edu)  **National American University**  [**www.national.edu**](http://www.national.edu)  **⮘Southeast Community College**  [**www.southeast.edu**](http://www.southeast.edu)  Computer Aided Drafting – Adv Standing  HVAC – Adv Standing  Welding – Adv Standing  **Texas County Technical Institute**  [**www.texascountytech.edu**](http://www.texascountytech.edu) | |
| **Sample Careers By Educational Level – For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | | | | | | | | | |
| **On-The-Job Training or Less** | | | | | | **Technical Training or Associate Degree** | | | | | **Bachelors Degree** | | | **Masters Degree or More** | | | |
| Crane and Tower Operators  Hoist and Winch Operators  Locksmiths  Machinists  Metal and Plastic Processing Workers  Operating Engineers and Construction Equipment Operators  Painting and Coating Machine Operators  Power Plant Operators  Precision Assemblers  Quality Control Inspectors  Small Engine Mechanics  Tailors  Tire Building Machine Operators  Tool and Die Makers  Tool Grinders  Upholsterers  Vehicle Painters  Woodworking Machine Operators | | | | | | Automotive Electronics Installers  Computer, ATM, and Office Machine Repairers  Electric Motor Repairers  Home Electronics Repairers  Industrial Electronics Repairers  Jewelers  Manufacturing Production Technicians  Security and Fire Alarm Systems Installers  Semiconductor Processing Operators  Welders and Solderers  Welding and Soldering Machine Operators | | | | | Chemical Engineers  Occupational Health and Safety Specialists  Safety Engineers | | |  | | | |

***King City R-I***

***Marketing***

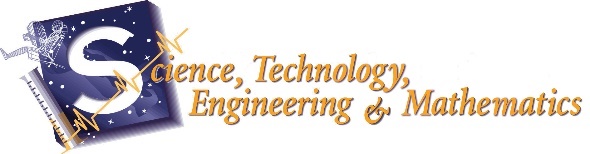
**Career Cluster Program of Study Template**

**www.kingcityschools.org**

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| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

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|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
| **Secondary** | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | **Physical Science** | **American History** | **Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) |  | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Placement Assessments:**  *Compass Test*  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | **Biology** | **World History** |  |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** |  |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, |  |

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| **Postsecondary Offerings – For A Complete Listing, go to** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | | |
| **Postsecondary** | **Community College** | **Technical School/Training Institution** | | **In State** | | | | **Out of State/Other** | |
| **East Central College**  [**www.eastcentral.edu**](http://www.eastcentral.edu)  **Crowder College**  [**www.crowder.edu**](http://www.crowder.edu)  **Jefferson College**  [**www.jeffco.edu**](http://www.jeffco.edu)  **Metropolitan Community College**  [**www.mcckc.edu**](http://www.mcckc.edu)  **Mineral Area College**  [**www.mineralarea.edu**](http://www.mineralarea.edu)  **Moberly Area Community College**  [**www.macc.edu**](http://www.macc.edu)  **North Central Missouri College**  [**www.ncmissouri.edu**](http://www.ncmissouri.edu)  **Ozarks Technical Comm College**  [**www.otc.edu**](http://www.otc.edu)  **St. Charles Community College**  [www.stchas.edu](http://www.stchas.edu)  **St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu)  **State Fair Community College**  [**www.sfccmo.edu**](http://www.sfccmo.edu)  **Three Rivers Community College**  [**www.trcc.edu**](http://www.trcc.edu) | **Eldon Career Center -** [**www.eldoncareercenter.org**](http://www.eldoncareercenter.org)  **Hannibal Career and Technical Center**  [**www.hannibal.tec.mo.us**](http://www.hannibal.tec.mo.us)  **Waynesville Technical Academy**  [**www.waynesville.k12.mo.us**](http://www.waynesville.k12.mo.us)  **Northwest Tech School** [www.maryville.k12.mo.us](http://www.maryville.k12.mo.us)  **Rankin Tech College -** [www.ranken.edu](http://www.ranken.edu) | | **Avila University -** [**www.avila.edu**](http://www.avila.edu)  **Baptist Bible College -** [**www.baptist.edu**](http://www.baptist.edu)  **Bryan College -** [**www.bryancollege.com**](http://www.bryancollege.com)  **Central Methodist University**  [**www.centralmethodist.edu**](http://www.centralmethodist.edu)  **College of the Ozarks -** [**www.cofo.edu**](http://www.coto.edu)  **Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)  **Culver-Stockton College**  [**www.culver.edu**](http://www.culver.edu)  **DeVry University –** [**www.devry.edu**](http://www.devry.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Evangel University -** [**www.evangel.edu**](http://www.evangel.edu)  **Everest College**  [**www.everest-college.com**](http://www.everest-college.com)  **Fontbonne Univ -** [**www.fontbonne.edu**](http://www.fontbonne.edu)  **Hannibal-Lagrange College**  [**www.hlq.edu**](http://www.hlq.edu)  **Harris-Stowe State Univ -** [**www.hssu.edu**](http://www.hssu.edu)  **Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood Univ -** [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Maryville University of St. Louis**  [**www.maryville.edu**](http://www.maryville.edu)  **Messenger College**  [**www.messengercollege.edu**](http://www.messengercollege.edu)  **Missouri Baptist Univ -** [**www.mobap.edu**](http://www.mobap.edu)  **Missouri College**  [**www.missouricollege.com**](http://www.missouricollege.com)  **MO Southern State University**  [**www.mssu.edu**](http://www.mssu.edu)  **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu)  **Missouri State University – West Plains**  [**www.wp.missouristate.edu**](http://www.wp.missouristate.edu)  **Missouri Valley College**  [**www.moval.edu**](http://www.moval.edu) | | **Missouri Western State University**  [**www.missouriwestern.edu**](http://www.missouriwestern.edu)  **Northwest Missouri State University**  [**www.nwmissouri.edu**](http://www.nwmissouri.edu)  **Park University -** [**www.park.edu**](http://www.park.edu)  **Patricia Stevens College**  [**www.patriciastevenscollege.edu**](http://www.patriciastevenscollege.edu)  **Rockhurst University -** [**www.rockhurst.edu**](http://www.rockhurst.edu)  **Saint Louis University**  [**www.imagine.stu.edu**](http://www.imagine.stu.edu)  **Sanford-Brown College**  [**www.sanford-browncollege.com**](http://www.sanford-browncollege.com)  **Southeast MO State Univ -**[**www.semo.edu**](http://www.semo.edu)  **Southwest Baptist Univ -**[**www.sbuniv.edu**](http://www.sbuniv.edu)  **Stephens College -** [**www.stephens.edu**](http://www.stephens.edu)  **Truman State Univ -** [**www.truman.edu**](http://www.truman.edu)  **Univ of Central MO -** [**www.ucmo.edu**](http://www.ucmo.edu)  **Univ of MO – Columbia -**[www.missouri.edu](http://www.missouri.edu)  **Univ of MO – Kansas City** [**www.umkc.edu**](http://www.umkc.edu)  **Univ of MO – Rolla –** [**www.umr.edu**](http://www.umr.edu)  **Univ of MO – St Louis -** [**www.umsl.edu**](http://www.umsl.edu)  **Univ of Phoenix –** [**www.phoenix.edu**](http://www.phoenix.edu)  **Vatterott College**  [**www.vatterott-college.edu**](http://www.vatterott-college.edu)  **Washington University -** [www.wustl.edu](http://www.wustl.edu)  **Webster University -** [www.websteruniv.edu](http://www.websteruniv.edu)  **Westminster College**  [www.westminster-mo.edu](http://www.westminster-mo.edu)  **William Jewell College -** [www.jewell.edu](http://www.jewell.edu)  **William Woods University**  [www.williamwoods.edu](http://www.williamwoods.edu) | | | * **Apprenticeship** * **Military** * **On-the-Job Training**   **Colorado Technical University**  [**www.coloradotech.com**](http://www.coloradotech.com)  **Grantham University**  [**www.grantham.edu**](http://www.grantham.edu)  **ITT Technical Institute**  [**www.itt-tech.edu**](http://www.itt-tech.edu)  **National American University**  [**www.national.edu**](http://www.national.edu) | |
| **Sample Careers By Educational Level – For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | | |
| **On-the-Job Training or Less** | | | **Technical Training or Associate Degree** | | **Bachelors Degree** | | **Masters Degree or More** | | | |
| Advertising Salespeople  Buyers and Purchasing Agents  Cashiers  Counter and Rental Clerks  Demonstrators and Promoters  Floral Designers  Merchandise Displayers  Models  Opticians  Parts Salespeople  Retail Salespeople  Route Salespeople  Telemarketers | | | Advertising Sales Agents  Assessors  Fashion Designers  Interior Designers  Lodging Managers  Property, Real Estate, and Community Association Managers  Real Estate Brokers  Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products  Travel Agents  Travel Guides  Wholesale and Retail Buyers, Except Farm Products | | Art Directors  Editors  Market Research Analysts  Public Relations Specialists  Sales Managers  Sales Representatives  Survey Researchers  Technical Writers | | Business Teacher, Postsecondary  Marketing Managers  Public Relations Managers  Purchasing Managers  Sales Managers | | | |

***King City R-I***

***Science, Technology, Engineering & Mathematics***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

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| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

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|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
| **Secondary** | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | **Physical Science** | **American History** | **Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) |  | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other: \_Clinicals\_\_\_\_\_\_\_\_\_\_\_\_*  **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *Certified Nurse Assistant (CNA)*  *Emergency Medical Technician – Basic*  *Firefighter I & II*  *CompTIA A+/C-Tech*  *AWS Welding Certification*    **Placement Assessments:**  *Compass Test*  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | **Biology** | **World History** |  |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** | ♦Auto Collision Repair I  ♦Automotive Technology I  ♦**⮘**Computer Aided Drafting I  ♦Computer Service Tech I  ♦Construction Technology I  ♦Electronics Technology I  Firefighting I & II  Health Service Assistant I  Medical Transcription/Billing & Coding I  ♦Precision Machining I  ♦⮘Refrigeration, Heating & A/C II  ♦**⮘**Welding Technology I |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, | ♦Auto Collision Repair I  ♦Automotive Technology I  ♦**⮘**Computer Aided Drafting I  ♦Computer Service Tech I  ♦Construction Technology I  ♦Electronics Technology I  Emergency Medical Services  Health Service Assistant I  Medical Transcription/Billing & Coding I  PLTW Engineering, Design & Dev  ♦Precision Machining I  ♦⮘Refrigeration, Heating & A/C II  ♦**⮘**Welding Technology I |

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| **Postsecondary Offerings – For A Complete Listing, go to** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | |
| **Postsecondary** | **Community College** | **Technical School/Training Institution** | | **In State** | | | | | **Out of State/Other** | |
| **Crowder College**  [**www.crowder.edu**](http://www.crowder.edu)  **East Central College**  [**www.eastcentral.edu**](http://www.eastcentral.edu)  **Jefferson College** [**www.jeffco.edu**](http://www.jeffco.edu)  ♦**Linn State Technical College**  [**www.linnstate.edu**](http://www.linnstate.edu)  Precision Machining – 12 hrs  ♦**Metropolitan Community College**  [**www.mcckc.edu**](http://www.mcckc.edu)  Computer Aided Drafting – 9 hrs  HVAC – 8 hrs  Welding – 6 hrs  ♦**North Central Missouri College**  [**www.ncmissouri.edu**](http://www.ncmissouri.edu)  Auto Collision Tech – 30 hrs  Automotive Tech – 30 hrs  Computer Aided Drafting – 30 hrs  Computer Service – 30 hrs  Construction Tech – 30 hrs  Electronics Tech – 30 hrs  HVAC – 30 hrs  Precision Machining – 30 hrs  Welding Technology – 30 hrs  **St. Charles Community College**  [**www.stchas.edu**](http://www.stchas.edu)  **St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu) | **Hillyard Technical Center**  [**www.hillyardtech.com**](http://www.hillyardtech.com)  **Missouri Tech**  [**www.motech.edu**](http://www.motech.edu) | | **Avila University -** [**www.avila.edu**](http://www.avila.edu)  **Central Methodist University**  [**www.centralmethodist.edu**](http://www.centralmethodist.edu)  **College of the Ozarks -** [**www.cofo.edu**](http://www.coto.edu)  **Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)  **Culver-Stockton College**  [**www.culver.edu**](http://www.culver.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Evangel University -** [**www.evangel.edu**](http://www.evangel.edu)  **Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood Univ -** [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Maryville University of St. Louis**  [**www.maryville.edu**](http://www.maryville.edu)  **Missouri Baptist Univ -** [**www.mobap.edu**](http://www.mobap.edu)  **MO Southern State University**  [**www.mssu.edu**](http://www.mssu.edu)  ♦**Missouri Western State University**  [**www.missouriwestern.edu**](http://www.missouriwestern.edu)  Auto Collision Repair Tech – 12 hrs  Automotive Tech – 12 hrs  Computer Aided Drafting – 12 hrs  Computer Service – 12 hrs  Construction Tech – 12 hrs  Electronics Tech – 12 hrs  Precision Machining  EGT 196 ET Special Topics – 7 hrs  MET 112 Manufact Methods – 3 hrs  MET 222 CNC Mach Process – 2 hrs  Welding – 12 hrs | | **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu)  **MO University of Science & Technology**  [www.mst.edu](http://www.mst.edu)  **Northwest Missouri State University**  [**www.nwmissouri.edu**](http://www.nwmissouri.edu)  **Park University -** [**www.park.edu**](http://www.park.edu)  **Rockhurst University** [**www.rockhurst.edu**](http://www.rockhurst.edu)  **Saint Louis University**  [**www.imagine.stu.edu**](http://www.imagine.stu.edu)  **Southeast MO State University** [**www.semo.edu**](http://www.semo.edu)  **Southwest Baptist University**  [**www.sbuniv.edu**](http://www.sbuniv.edu)  **Truman State Univ -** [**www.truman.edu**](http://www.truman.edu)  **Univ of Central MO -** [**www.ucmo.edu**](http://www.ucmo.edu)  **University of MO – Columbia**  [www.missouri.edu](http://www.missouri.edu)  **University of MO – Kansas City** [**www.umkc.edu**](http://www.umkc.edu)  **Univ of MO – Rolla –** [**www.umr.edu**](http://www.umr.edu)  **Univ of MO – St Louis -** [**www.umsl.edu**](http://www.umsl.edu)  **Washington University -** [www.wustl.edu](http://www.wustl.edu)  **Westminster College**  [www.westminster-mo.edu](http://www.westminster-mo.edu)  **William Jewell College -** [www.jewell.edu](http://www.jewell.edu) | | * **Apprenticeship** * **Military** * **On-the-Job Training**   **Grantham University**  [www.grantham.edu](http://www.grantham.edu)  ♦**Indian Hills Community College**  [**www.ihcc.cc.ia.us**](http://www.ihcc.cc.ia.us)  Electronics Tech – 8 hrs  **⮘Southeast Community College**  [**www.southeast.edu**](http://www.southeast.edu)  Computer Aided Drafting – Adv Standing  HVAC – Adv Standing  Welding – Adv Standing | |
| **Sample Careers By Educational Level – For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | | |
| **On-the-Job Training or Less** | | | **Technical Training or Associate Degree** | | **Bachelors Degree** | | **Masters Degree or More** | | |
|  | | | Electronics Engineering Technologists  Engineering Technicians  Manufacturing Engineering Technologists  Science Technicians | | Aerospace Engineers  Biomedical Engineers  Cartographers  Chemists  Civil Engineers  Electrical and Electronics Engineers  Energy Engineers  Environmental Engineers  Geospatial Information Scientists and Technologists  Industrial Engineers  Manufacturing Engineers  Materials Engineers  Mechanical Engineers  Meteorologists  Mining Engineers  Nuclear Engineers  Petroleum Engineers  Photonics Engineers  Remote Sensing Scientists and Technologists | | Anthropologists  Archeologists  Astronomers  Biologists  Environmental Scientists  Geographers  Geologists and Geophysicists  Historians  Mathematicians  Physicists  Political Scientists  Robotics Engineers  Sociologists | | |

***King City R-I***

***Transportation, Distribution & Logistics***

**Career Cluster Program of Study Template**

**www.kingcityschools.org**

|  |  |
| --- | --- |
| **Minimum Graduation Requirements** | **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  **It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Grade** | **English**  **(4 credits)** | **Math**  **(3 credits)** | **Science**  **(3 credits)** | **Social Studies**  **(3 credits)** | **Required Courses, Elective Options** | **Hillyard Technical Center** | **Additional**  **Learning Opportunities** |
| **Secondary** | **9** | **English I** | **Algebra I,**  **Algebra IA, or Geometry** | **Physical Science** | **American History** | **Required Courses**  **PE**  **Health (1/2)**  **Personal Finance**  **Fine Arts**  **Practical Arts**  Electives  Band  Choir  Family Health (1/2)  Career Family Leadership  Hospitality & Tourism (1/2)  Food Science & Nutrition  Housing (1/2)  Child Development  Family Living & Parenthood  Art I, II, and III  Ag Science I and II  Jr/Sr Ag  Ag Construction I and II  Ag Leadership  Spanish I & II  Multi Media (1/2)  Intro to Business (1/2)  Business Tech I and II  Entrepreneurship (1/2)  Small Business Mang. (1/2)  Novels (1/2)  Short Stories (1/2)  Mythology (1/2) |  | **School-Based:**  *Career Research*  *Cooperative Education*  *Internship*  *Job Shadowing*  *Service Learning Project*  *Other: \_Clinicals\_\_\_\_\_\_\_\_\_\_\_*    **Community Based:**  *Mentorship*  *Volunteer*  *Part-time Employment*  *Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Assessments/Certifications***:*  *Technical Skills Attainment (TSA)*  *Other:*  *Certified Nurse Assistant (CNA)*  *Emergency Medical Technician – Basic*  *Firefighting I & II*  *CompTIA A+/C-Tech*  *AWS Welding Certification*    **Placement Assessments:**  *Compass Test*  *ACT*  *PSAT*  *SAT*  *ASVAB*  *WorkKeys*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*    **Student Organizations:**  *DECA*  *FBLA*  *FFA*  *FCCLA*  *SkillsUSA*  *Other:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | **English II** | **Algebra IB, Algebra II, or Geometry** | **Biology** | **World History** |  |
| **11** | **English III** | **Algebra II, Geometry, or Trigonometry** | **Chemistry, Anatomy, Astronomy, Anatomy & Physiology, Adv. Chemistry\*, or Adv. Biology\*** | **American Government** | ♦Auto Collision Repair I  ♦Automotive Technology I  ♦⮘Computer Aided Drafting I  ♦Computer Service Tech I  ♦Construction Technology I  ♦Electronics Technology I  Firefighting I & II  Health Service Assistant I  ♦Precision Machining I  ♦⮘Refrigeration, Heating & A/C I  ♦⮘Welding Technology I |
| **12** | **English IV\* or Writing & Rhetoric** | Trigonometry or College Algebra\* | Chemistry, Anatomy, Astronomy, Anatomy & Physiology\*, Adv. Chemistry\*, or Adv. Biology\* | American History\*, Western Civilization\*, Psychology\*, Sociology, | ♦Auto Collision Repair II  ♦Automotive Technology II  ♦⮘Computer Aided Drafting II  ♦Computer Service Tech II  ♦Construction Technology II  ♦Electronics Technology II  Emergency Medical Services  Health Service Assistant II  PLTW Engineering, Design & Dev  ♦Precision Machining II  ♦⮘Refrigeration, Heating & A/C II  ♦⮘Welding Technology II |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Postsecondary Offerings – For A Complete List of Colleges, go to** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | |
| **Postsecondary** | **Community College** | **Technical School/Training Institutions** | | **In State** | | | | **Out of State/Other** |
| **Crowder College** [**www.crowder.edu**](http://www.crowder.edu)  **Jefferson College** [**www.jeffco.edu**](http://www.jeffco.edu)  ♦**Linn State Technical College**  [**www.linnstate.edu**](http://www.linnstate.edu)  Precision Machining – 12 hrs  ♦**Metropolitan Community College**  [**www.mcckc.edu**](http://www.mcckc.edu)  Computer Aided Drafting – 9 hrs  HVAC – 8 hrs  Welding – 6 hrs  **Mineral Area College**  [**www.mineralarea.edu**](http://www.mineralarea.edu)  **Moberly Area Community College**  [**www.macc.edu**](http://www.macc.edu)  ♦**North Central Missouri College**  [**www.ncmissouri.edu**](http://www.ncmissouri.edu)  Auto Collision Tech – 30 hrs  Automotive Tech – 30 hrs  Computer Aided Drafting – 30 hrs  Computer Service – 30 hrs  Construction Tech – 30 hrs  Electronics Tech – 30 hrs  HVAC – 30 hrs  Precision Machining – 30 hrs  Welding Technology – 30 hrs  **Ozarks Technical Comm College**  [**www.otc.edu**](http://www.otc.edu)  **Ranken Technical College** [**www.ranken.edu**](http://www.ranken.edu)  **St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu)  **State Fair Community College**  [**www.sfccmo.edu**](http://www.sfccmo.edu) | **Cape Girardeau Career/Tech Center**  [**www.cape.k12.mo.us/cc/default.htm**](http://www.cape.k12.mo.us/cc/default.htm)  **Clinton Tech School -** [**www.clinton.k12.mo.us**](http://www.clinton.k12.mo.us)  **Davis Hart Career Ctr-** [**www.mexicoschools.net**](http://www.mexicoschools.net)  **Eldon Career Ctr -** [**www.eldoncareercenter.org**](http://www.eldoncareercenter.org)  **Four Rivers Career Center**  [**www.washington.k12.mo.us**](http://www.washington.k12.mo.us)  **Franklin Technology- MSSU** [**www.ftcjoplin.com**](http://www.ftcjoplin.com)  **Gibson Tech Ctr -** [**www.wolves.k12.mo.us/gtc**](http://www.wolves.k12.mo.us/gtc)  **Grand River Technical School -** [**www.grts.org**](http://www.grts.org)  **Hannibal Career and Technical Center**  [**www.hannibal.tec.mo.us**](http://www.hannibal.tec.mo.us)  **Herndon Career Center**  [**www.herndoncareercenter.com**](http://www.herndoncareercenter.com)  **Hillyard Technical Ctr -** [www.hillyardtech.com](http://www.hillyardtech.com)  **Kirksville Area Tech Ctr -** [www.kirksville.k12.mo.us](http://www.itt-tech.edu)  **Lake Career and Technical Center**  [**www.camdentonschools.org**](http://www.camdentonschools.org)  **Lebanon Technology and Career Ctr**  [**www.lebanon.k12.mo.us/ltcc**](http://www.lebanon.k12.mo.us/ltcc)  **Lex La-Ray Tech Ctr** [www.lexington.k12.mo.us](http://www.lexington.k12.mo.us)  **Nichols Career Center -** [**www.jcps.k12.mo.us**](http://www.jcps.k12.mo.us)  **Northland Career Center**  [**www.northlandcareercenter.com**](http://www.northlandcareercenter.com)  **Northwest Tech School** [www.maryville.k12.mo.us](http://www.maryville.k12.mo.us)  **Pike-Lincoln Tech Ctr -** [**www.pltc.k12.mo.us**](http://www.pltc.k12.mo.us)  **Rolla Tech Institute -** [**www.rolla.k12.mo.us**](http://www.rolla.k12.mo.us)  **Saline County Career Center**  [**www.marshallschools.com/sccc**](http://www.marshallschools.com/sccc)  **Sikeston Career & Technology Center**  [**www.sikeston.k12.mo.us**](http://www.sikeston.k12.mo.us)  **South Central Career Ctr -** [**www.wphs.k12.mo.us**](http://www.wphs.k12.mo.us)  **Waynesville Technical Academy**  [**www.waynesville.k12.mo.us**](http://www.waynesville.k12.mo.us) | | **Avila University -** [www.avila.edu](http://www.avila.edu)  **Baptist Bible College -** [**www.baptist.edu**](http://www.baptist.edu)  **Bryan College -** [**www.bryancollege.com**](http://www.bryancollege.com)  **Central Methodist University**  [www.centralmethodist.edu](http://www.centralmethodist.edu)  **College of the Ozarks -** [www.cofo.edu](http://www.cofo.edu)  **Columbia College -** [www.ccis.edu](http://www.ccis.edu)  **Culver-Stockton College -** [www.culver.edu](http://www.culver.edu)  **DeVry University -** [**www.devry.edu**](http://www.devry.edu)  **Drury University -** [www.drury.edu](http://www.drury.edu)  **Evangel University -** [www.evangel.edu](http://www.evangel.edu)  **Everest College -** [www.everest-college.edu](http://www.everest-college.edu)  **Grantham Univ -** [**www.grantham.edu**](http://www.grantham.edu)  **Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)  **Lindenwood Univ -** [**www.lindenwood.edu**](http://www.lindenwood.edu)  **Maryville University of Saint Louis** [www.maryville.edu](http://www.maryville.edu)  **Messenger College**  [**www.messengercollege.edu**](http://www.messengercollege.edu)  **Missouri Baptist Univ -** [www.mobap.edu](http://www.mobap.edu)  **MO College** [**www.missouricollege.com**](http://www.missouricollege.com)  **MO Southern State Univ** [www.mssu.edu](http://www.mssu.edu)  **Missouri State University**  [**www.missouristate.edu**](http://www.missouristate.edu)  **Missouri State Univ – West Plains**  [**www.wp.missouristate.edu**](http://www.wp.missouristate.edu)  **Missouri Univ of Science & Tech**  [**www.mst.edu**](http://www.mst.edu)  **Northwest Missouri State University**  [**www.nwmissouri.edu**](http://www.nwmissouri.edu)  **Park University -** [**www.park.edu**](http://www.park.edu)  **Rockhurst Univ -** [**www.rockhurst.edu**](http://www.rockhurst.edu)  **Patricia Stevens College**  [**www.patriciastevenscollege.edu**](http://www.patriciastevenscollege.edu) | | ♦**Missouri Western State University**  [**www.missouriwestern.edu**](http://www.missouriwestern.edu)  Auto Collision Repair Tech – 12 hrs  Automotive Tech – 12 hrs  Computer Aided Drafting – 12 hrs  Computer Service – 12 hrs  Construction Tech – 12 hrs  Electronics Tech – 12 hrs  Precision Machining  EGT 196 ET Special Topics – 7 hrs  MET 112 Manufact Methods – 3 hrs  MET 222 CNC Mach Process – 2 hrs  Welding – 12 hrs  **St. Louis Univ -** [www.imagine.slu.edu](http://www.imagine.slu.edu)  S**outheast Missouri State University** [**www.semo.edu**](http://www.semo.edu)  **SW Baptist University** [**www.sbuniv.edu**](http://www.sbuniv.edu)  **Stephens College -** [**www.stephens.edu**](http://www.stephens.edu)  **Truman State Univ -** [**www.truman.edu**](http://www.truman.edu)  **University of Central MO -** [www.ucmo.edu](http://www.ucmo.edu)  **University of Missouri – Columbia**  [**www.missouri.edu**](http://www.missouri.edu)  **University of Missouri – Kansas City**  [**www.umkc.edu**](http://www.umkc.edu)  **Univ of MO – St Louis** [**www.umsl.edu**](http://www.umsl.edu)  **Univ of Phoenix -** [**www.phoenix.edu**](http://www.phoenix.edu)  **Vatterott Coll -** [**www.vatterott-college.edu**](http://www.vatterott-college.edu)  **Washington University -** [www.wustl.edu](http://www.wustl.edu)  **Webster Univ -** [www.websteruniv.edu](http://www.websteruniv.edu)  **Westminster College**  [www.westminster-mo.edu](http://www.westminster-mo.edu)  **William Jewell College -** [www.jewell.edu](http://www.jewell.edu)  **William Woods University**  [www.williamwoods.edu](http://www.williamwoods.edu) | | * **Apprenticeship** * **Military** * **On-the-Job Training**   **Aviation Institute of Maintenance**  [**www.aviationmaintenance.edu**](http://www.aviationmaintenance.edu)  **Colorado Technical University**  [**www.coloradotech.com**](http://www.coloradotech.com)  **American Truck Training**  [**www.americantrucktraining.com**](http://www.americantrucktraining.com)  **C-1 Truck Driver Training**  [**www.c1training.com**](http://www.c1training.com)  ♦**Indian Hills Community College**  [**www.ihcc.cc.ia.us**](http://www.ihcc.cc.ia.us)  Electronics Tech – 8 hrs  **ITT Technical Institute**  [**www.itt-tech.edu**](http://www.itt-tech.edu)  **Midwestern Training Center**  **National American University**  [**www.national.edu**](http://www.national.edu)  **Nuway Truck Driver Training**  [**www.nuwaytruckschools.com**](http://www.nuwaytruckschools.com)  **Pittsburg State University**  [**www.pittstate.edu**](http://www.pittstate.edu)  **⮘Southeast Community College**  [**www.southeast.edu**](http://www.southeast.edu)  Computer Aided Drafting – Adv Standing  HVAC – Adv Standing  Welding – Adv Standing  **Southern MO Truck Driving School**  [**www.smtds.com**](http://www.smtds.com)  **Westwind CDL Training Center**  [**www.westwinddcl.com**](http://www.westwinddcl.com)  **Witte Truck Driving School** |
| **Sample Careers By Educational Level – For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) | | | | | | | | |
| **On-the-Job Training or Less** | | | **Technical Training or Associate Degree** | | **Bachelors Degree** | | **Masters Degree or More** | |
| Air Traffic Controllers and Flight Attendants  Auto Body Repairers  Bicycle Repairers  Bus Drivers and School Bus Drivers  Dispatchers and Traffic Technicians  Freight Handlers  Heavy Equipment Mechanics  Heavy Truck Drivers  Motorboat & Motorcycle Mechanics  Parking Lot Attendants  Riggers  Service Station Attendants, Tire Repairers and Changers  Transportation Agents | | | Aircraft Mechanic  Automobile Mechanics  Bus and Truck Mechanics and Diesel Engine Specialists  Electrical/Electronics Installers/Repairers, Transportation Equipment  Electronic Equipment Installers/Repairers, Motor Vehicles  First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand  First-Line Supervisors/Managers of Transportation  Material-Moving Machine and Vehicle Operators  Motorboat Mechanics and Motorcycle Mechanics  Signal and Track Switch Repairers  Traffic Technicians  Transportation Vehicle, Equipment/Systems Inspectors | | Airline Pilot  Automobile Technician  Logisticians  Storage and Distribution Managers | | Chief Executive | |

**KING CITY R-I SCHOOL STUDENT PLAN OF STUDY**

(Please complete this form in  **PENCIL**)

**Business, Management & Technology Natural Resources Agriculture Human Services**

**Industrial & Engineering Technology Health Services Arts & Communication**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Career Path(circle one):**

**Graduation Year: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Career Cluster:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Postsecondary Goal(s):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Hillyard Technical?  YES**  **NO NCAA?  YES  NO A+ Program?**  **YES**  **NO**

**GRADE 9**

|  |  |  |  |
| --- | --- | --- | --- |
| **REQUIREMENTS/CREDITS** | **1ST SEMESTER** | **2ND SEMESTER** | **Initial Program of Study**  Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Student’s Signature  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Parent’s Signature  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Advisor’s Signature |
| Language Arts 1 | **Language Arts I** | **Language Arts I** |  |
| Social Studies 1 | **American History** | **American History** |  |
| Mathematics 1 | **(Math)** | **(Math)** |  |
| Science 1 | Physical Science | **Physical Science** |  |
| Practical Arts 1 | **(Practical Art)** | **(Practical Art)** |  |
| P.E. 1 | **Physical Education** | **Physical Education** |  |
| Fine Art 1 | **(Fine Arts)** | **(Fine Arts)** |  |
|  |  |  |  |

**GRADE 10**

|  |  |  |  |
| --- | --- | --- | --- |
| **REQUIREMENTS/CREDITS** | **1ST SEMESTER** | **2ND SEMESTER** | **Annual Review**  Date of Revision: \_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Student’s Signature  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Parent’s Signature  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Advisor’s Signature |
| Language Arts 1 | Language Arts II | Language Arts II |  |
| Social Studies 1 | **World History** | **World History** |  |
| Science 1 | **Biology** | **Biology** |  |
| Mathematics 1 | **(Math)** | **(Math)** |  |
| Health/Elective 1 | **(Health or Into to Business)** | **Intro to Business or Health** |  |
| Elective(s) 1 | **(Elective)** | **(Elective)** |  |
| Elective(s) 1 | **(Elective)** | **(Elective)** |  |
|  |  |  |  |

**GRADE 11**

|  |  |  |  |
| --- | --- | --- | --- |
| **REQUIREMENTS/CREDITS** | **1ST SEMESTER** | **2ND SEMESTER** | **Annual Review**  Date of Revision: \_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Student’s Signature  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Parent’s Signature  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Advisor’s Signature |
| Language Arts 1 | **Language Arts III** | **Language Arts III** |  |
| Social Studies 1 | **Government** | **Government** |  |
| Mathematics 1 | **(Math)** | **(Math)** |  |
| Science 1 | **(Science)** | **(Science)** |  |
| Elective(s) 1 | **(Elective)** | **(Elective)** |  |
| Elective(s) 1 | **(Elective)** | **(Elective)** |  |
| Elective(s) 1 | **(Elective)** | **(Elective)** |  |
|  |  |  | **Annual Review**  Date of Revision: \_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Student’s Signature  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Parent’s Signature  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Advisor’s Signature |

**GRADE 12**

|  |  |  |  |
| --- | --- | --- | --- |
| **REQUIREMENTS/CREDITS** | **1ST SEMESTER** | **2ND SEMESTER** |  |
| Language Arts 1 | Language Arts IV | Language Arts IV or Alternate |  |
| Personal Finance 1/2 | **Personal Finance** | **(Elective)** |  |
| Elective(s) 1 | **(Elective)** | **(Elective)** |  |
| Elective(s) 1 | **(Elective)** | **(Elective)** |  |
| Elective(s) 1 | **(Elective)** | **(Elective)** |  |
| Elective(s) 1 | **(Elective)** | **(Elective)** | **CAREER ENHANCEMENT**  Job Shadowing\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Internships\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Resume/Job Application\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  ACT Work Keys\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Elective(s) 1 | **(Elective)** | **(Elective)** |  |
|  |  |  | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

**CREDIT REQUIREMENTS**

|  |  |  |
| --- | --- | --- |
| **MINIMUM** |  |  |
| Language Arts – 4 credits | Mathematics- 3 credits | Health- ½ credit |
|  |  |  |
| Social Studies – 3 credits(US Gov) | Physical Education- 1 credit | Practical Art- 1 credit |
|  |  |  |
| Fine Art – 1 credit | Science- 3 credits | Personal Finance- ½ credit |
|  |  |  |
| Electives- 9.5 credits | Total of 26.5 |  |



COURSE DESCRIPTIONS

# Course Descriptions by Department

**Core Academic Courses**

**ENGLISH LANGUAGE ARTS**

Four credits are required for graduation.

**English I**

In English courses, students will study the six major processes of communication arts by reading from a variety of styles and genres, writing in various styles, studying grammar and language structures and listening to/presenting oral reports and presentations. Units will include trait writing, informational text/research, textual analysis, and literary elements.

Required for 9th Grade

1 English Credit

**English II**

In this course, students will further the study of literary skills and writing skills introduced in earlier courses.  It will include such topics as grammar, on an as-needed basis; short story analysis; poetry analysis; novel study; and drama.  Essay and research writing will also be emphasized and reinforced.

Prerequisite: English I

Required for 10th Grade

1 English Credit

**English III**

In this course, students will study the areas of reading and writing by reading from a variety of styles and genres (specifically American Literature), writing in various styles, studying grammar and language structures and listening to/presenting oral reports and presentations. Units will include constructed responses, argumentative essays, research/group composition, and research/individual composition.

Prerequisites:  English I and II

Required for 11th Grade

1 English Credit

**Writing and Rhetoric**

This course is designed to develop writing skills and reading skills, especially focused on the workplace.  It includes grammar, paragraph development, vocabulary, novel study, reading and writing for comprehension, and a career research paper.

Prerequisite: English I, English II and English III

Grades 12

1 English Credit

**English IV** (Weighted)

This course covers the study of English (specifically British) literature from 449 A.D. to the present day. Also, students will write an in-depth research paper as a method of learning rhetorical skills necessary for college.  This is a literature-intense course with expectations based on the reading of many separate pieces of literature from a variety of genres.

Prerequisite: English I, English II and English III

1 Weighted English Credit

Grades 12

**English Composition**  (Dual Credit, Weighted)

**ENG 104 -** Instruction in reading and writing; emphasizes expository prose. Fulfills first half of the general studies requirement in English composition.

instruction in college-level research and rhetoric: continued practice in college-level writing. Fulfills second half of the General Studies requirement in English composition.

MOTR ENGL 100: Composition I

Logo, company name

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**English Writing and Research**  (Dual Credit, Weighted)

**ENG 108-** Instruction in college-level research and rhetoric: continued practice in college-level writing. Fulfills second half of the General Studies requirement in English composition. Prerequisite(s): A grade of C or higher in Eng 104.

MOTR ENGL 200; Composition II

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*Must meet Dual Credit entrance requirements to MWSU.*

Prerequisite: English I, English II and English III

Must have an English and Reading ACT sub-score of 18

1/2 Weighted English Credit and 3 College Credits for both 104 & 108

Grades 12

**MATHEMATICS**

Three credits are required for graduation.

**Algebra A**

This class covers the same information that is given during the first semester of Algebra I but through an entire year.

9th Grade

1 Mathematics Credit

**Algebra B**

This class covers the same information that is given during the second semester of Algebra I but through an entire year.

10th Grade

Prerequisite: Algebra A

1 Mathematics Credit

**Algebra I**

Algebra is a core class for all future work in math.  Topics of study will be variables, application of addition, subtraction, multiplication and division as they relate to different number systems and the use of variables, linear equations, exponents and powers, quadratic equations, square roots, polynomials, systems of equations and functions.  There is a real-world orientation to these topics with the use of calculators to make connections between algebra and geometry.

Grades 9-12

1 Mathematics Credit

**Geometry**

Geometry is offered to high school students who have successfully completed Algebra I.  This class connects mathematics to other disciplines, implements the latest technology, and encourages independent thinking.  At the completion of Geometry, students will be able to demonstrate the following learning objectives:  using the language and logic of Euclidean Geometry; measuring angles and connecting to congruence; identifying polygons; writing direct, indirect and coordinate proofs; applying perimeters, areas and volumes; performing further applications with circles; identifying similar triangles; and applying trigonometry to real-life experiences.

Prerequisite:  Algebra I

9th - 12th Grade

1 Mathematics Credit

**Algebra II**

Algebra II is offered to high school students who have successfully completed courses equivalent to Algebra I and Geometry.  This class connects mathematics to other disciplines, implements the latest technology, and encourages independent thinking.  At the completion of Algebra II, students will be able to demonstrate the following learning objectives, displaying and applying linear and non-linear functions, using graphs and variation, writing, and solving systems of equations, using quadratic functions, discovering inverses and radicals, using exponential and logarithmic functions, solving polynomials, and applying these concepts to real world problems.

Prerequisites:  Algebra I and Geometry

10th - 12th Grades

1 Mathematics Credit

**Trigonometry**

This class will review and extend ideas about linear, quadratic, exponential, logarithmic, trigonometric, and circular functions.  Students will use graphing calculators or computers in plotting functions, analyzing data, and simulating experiments.  Students will study statistics that are used to make decisions in business, everyday life and analyze or interpret results in medical or psychological studies, social sciences, and physical sciences.  The study of trigonometry is needed for calculus and the fields of engineering and physical sciences.

Prerequisites:  Algebra I, Geometry, Algebra II

11th -12th Grade

1 Weighted Mathematics Credit

##### College Algebra (Dual Credit, Weighted)

College Algebra is offered to KCHS seniors through MWSU.  Students who meet the admission requirements for the College Algebra class at MWSU may enroll in the class here.

Prerequisites: Students must have taken at least Algebra I, Geometry and Algebra II, and must have a ACT Math sub score of 22.

12th Grade

1/2 Weighted Mathematics Credit, 3 College Credits

MOTR MATH 103; Pre-Calculus Algebra

Logo, company name

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**SOCIAL STUDIES**

Three credits are required for graduation.

Students are required to take American History, World History or Geography, and American Government.

**American History**

This is a course covering the events beginning the Civil War through present day issues in America.

Required for 9th Grade

1 Social Studies Credit

**World History**

The history of the world from Christianity to World War II.  Studies will include ancient civilizations and cultures from around the world but will mainly focus on European History.

10th Grade

1 Social Studies Credit

**Geography**

This course will be used to help students gain a greater awareness of how geography impacts our daily lives. Relationships between the US and the world, culture, and economics will all be examined. The goal is to cover all major regions of the world.

10th-12th Grade

1 Elective Credit

**American Government**

The formation of important documents in American Government as well as the application of the United States Constitution today.  The study of the three branches of the federal government as well as state and local government is included. There is an EOC Test required for all students in the class to take. *(The Missouri Constitution, US Constitution, and US Citizenship Qualifications are taught and tested. All of these tests must be successfully completed to graduate and attend Prom.)*

Required for 11th Grade

1 Social Studies Credit

**Psychology (**Dual Credit-Weighted)

The study of the behavior of organisms.  Learning what makes people tick and finding out how the mind works. Must meet College entrance requirements to NWMSU

11th-12th Grade

1 Weighted Elective Credit and 3 Hours of College Credit.

MOTR PSYC 100; General Psychology

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**Western Civilizations II** (Dual Credit-Weighted)

A study of the concepts, thoughts, ideals, and beliefs that have developed and guided the history of Western Civilization.  Areas of emphasis will include philosophy, religion, political and economic theories, as well as the arts. This will include historical readings, a research paper, and class discussions. Must meet College entrance requirements to NWMSU.

11th-12th Grade

1 Weighted Elective Credit and 3 hours of College Credit.

MOTR WCIV 102; Western Civilization II

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**American History** (Dual Credit-Weighted)

Dual Credit American History’s purpose is to study and explore in depth the historical beginnings of the United States of America and turning points in world history.  This will include historical readings, a research paper, and class discussions.  The goal is to provide students with a study of important historical events and the impact upon present cultures and the possible impact upon future cultures. Must meet College entrance requirements to NWMSU.

12th Grade

1 Weighted Elective Credit and 3 hours of College Credit

MOTR HIST 101; American History I

Logo, company name

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**SCIENCES**

Three credits are required for graduation.

**Physical Science**

The Physical Science curriculum is designed to introduce and/or provide opportunities for continued exploration in studies of forces and motion, work, power, and machines, energy, thermal energy and heat, the electromagnetic spectrum, matter, solids, liquids, gases, elements, the Periodic Table, atoms, chemical bonds, chemical reactions, acids, bases, the universe, experimental design, the scientific method, scientific inquiry, and the impact of science, technology and human activity.  The student will gain knowledge through group and cooperative learning activities, class discussion, observation and experimentation, reading, writing, and student-centered individual discovery.

The student will be presented with many opportunities to gain knowledge, skills, and understanding in the areas listed above.  The goal of this course is to expose students to science and technology in a manner that will help them mature as learners and as well-rounded members of their community.

Required for 9th Grade

1 Science Credit

**Biology**

A course of study of living things including all theory, the basic physical and chemical structure and function of cells, reproduction of cells and the science of genetics.  Other topics include the basics of organization and classification of life forms, and biology topics relevant to man such as drugs, ecology, and genetic engineering.  Labs included where possible and appropriate.

Required for 10th Grade

1 Science Credit

**Anatomy and Physiology**

This course presents a systematic approach to the study of the human body. Course topics begin with an introduction of anatomical structures and an overview of the medical terminology associated with its respective area. Students then are introduced to the gross and microscopic anatomy and terminology of the following systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, reproductive, lymphatic, and endocrine. The laboratory component of the course generally parallels and reinforces lecture concepts through the use of models, virtual labs, lab manual materials and video demonstration.

11th-12th Grade

1 Science Credit

**Chemistry**

Chemistry is a lecture/laboratory class.  A background in math is needed.  The basics of the course are learning about matter, atomic structure, chemical composition, gas laws, chemical reactions, solutions, acids, and bases.  A scientific calculator is required.

Prerequisite: Algebra I

11th -12th Grade (10th approval by teacher)

1 Science Credit

**Advanced Chemistry Dual Enrollment** (Weighted)

Must meet requirements set by MWSU dual enrollment site and have an ACT Math sub score of 22. This course is not only a college science credit but has guaranteed transfer as chem I for science majors to any state university/college in Missouri. The content of the course goes into greater detail of many of the same topics that were taught in first year chemistry. First year high school chemistry is not an official requirement from the university but is highly recommended. Can be taken as advanced chemistry without college credit with permission from instructor and high school counselor.

11th - 12th Grade

1 Science Credit and 5 Hours College Credit

MOTR CHEM 150L; Chemistry with Lab

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**Advanced Biology Dual Credit Biology** (Weighted)

This upper-level class includes lecture and lab hours.  Students will understand the organization and characterization of life; scientific inquiry; reproduction; evolutionary principles; taxonomic categories; relationship between living things; ecosystems; the impact of humans on the environment and human health.

Must meet requirements set by NWMSU and have taken the ACT.  Can be taken as advanced biology without college credit with permission from instructor and high school counselor.

11th or 12th Grade

1 Science Credit and 4 Hours College Credit

MOTR BIOL 100L; Essentials in Biology with Lab

Logo, company name

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**Practical Art Courses**

**BUSINESS EDUCATION CLASSES**

**Business Management**

This course is designed to help students develop an understanding of skills and resources needed to manage a business. Instruction includes a general overview of American business, forms of business ownership, personnel management, labor-management relations, public and human relations, taxation, and government regulations. The use of computers and software as tools in making business decisions in areas such as accounting, sales analysis, and inventory control is also introduced.

11th - 12th Grade

½ Practical Arts or Elective Credit

**Entrepreneurship**

This course is designed to provide students with the fundamental knowledge needed for organizing, developing, and implementing a business concern within the private free enterprise system. Topics of study will include learning the advantages and disadvantages of owning a business, preparing a business plan, choosing a location, securing a loan, determining organizational structure, and promoting a business.  
11th - 12th Grade

½ Elective credit

**Multimedia**

Students will work with multimedia software to develop electronic presentations. They will learn how to manipulate text, art and graphics, photography, animation, audio and video for presentations in various media formats.  Furthermore, students will develop proficiency in using graphic arts/desktop publishing software to create a variety of business publications such as flyers, brochures, newsletters, etc.  This class may be taken more than one time to effectively master and develop proficiency in all areas.

Prerequisite: Introduction to Business

10th-12th Grade

1 Elective Credit

**Introduction to Business**

This course is designed to introduce students to how business works in today’s society and to provide a foundation for other business courses. Content includes business functions such as accounting, management, marketing, and other consumer issues regarding money and money management, banking system and services, government’s role in business, and technology in the business world.

9th - 12th Grade

½ Practical Arts or Elective Credit

**Personal Finance**

Understanding and managing personal finances are key to one’s future financial success. This one-semester course is based on the Missouri Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving and credit decisions and to make effective use of income to achieve personal financial success.

Required for 12th Grade

1 Personal Finance Credit

**AGRICULTURE SCIENCE**

**Agriculture Science I**

This course will consist of units in SAEP records, animal selection, nutrition and breeding.  Public speaking (including creed speaking) and leadership qualities for FFA will be included in this course.  Shop skills in arc welding and oxy-acetylene cutting and welding will be stressed.  This course is a prerequisite for Ag. Science II and all advanced Agriculture classes.  Supervised Agricultural Experience Program (SAEP) is required for all students.  Projects can be related to business, production or both areas.

9th Grade

1 Practical Arts Credit

**Agriculture Science II**

Students will learn about entomology, plant growth and development, grain and forage crops, leadership qualities (including public speaking and parliamentary procedure), SAEP records, and will learn MIG welding.  Students will also be allowed to construct a small shop project.  SAEP records must be maintained each year by students enrolled in Ag courses.

Prerequisite: Ag Science I

10th Grade

1 Elective Credit

**Agricultural Construction**

This course will begin with a review of shop safety, machine and tool operation, oxy-acetylene cutting and welding, MIG welding, plus the drawing and reading of project plans.  The remainder of the course will consist of supervised individual shop construction projects by the students.

Prerequisites: Ag Science I and II

11th- 12th Grade

1 Elective Credit

##### Agriculture Business/Food Science

This course will allow students to learn about economic principles used in the agriculture industry.  Students will also learn about Missouri agribusinesses.  The agriculture business portion of this course will last one semester.  This second semester will be spent learning about principles of food science.  Students will learn about food processing and preservation.  Students will be given the opportunity to put what they learned to use through cooking labs.

Offered on odd years only

Prerequisites: Ag Science I & II

11th - 12 Grade

1 Elective

**Advanced Livestock**

This course will allow students to advance their study in livestock production, management, marketing, nutrition, breeding, production records, selection, animal health, waste management, and conservation practices.  This is a yearlong course.  Offered on even years.

Prerequisite: Ag Science I & II.

11th-12th Grade

1 Elective

**FAMILY AND CONSUMER SCIENCES & HUMAN SERVICES**

**Nutrition and Wellness, Foods I**

Focus on understanding wellness, investigating principles of nutrition, using science and technology in food management, ensuring food safety, planning menus and preparing food, and exploring careers in the field of nutrition and wellness. Introduction to culinary arts skills.

9th -12th Grade

1 Elective Credit

**Nutrition and Wellness, Foods II**

An advanced course in culinary arts. This course takes a deeper look at the skills and careers within the culinary field with emphasis on sanitation and safety. Much of the course is spent studying International Cuisines. Students will be acquainted with customs, geography, economy, history and agriculture of various countries and regions of the world and how it affects the cuisine of those countries. (Foods I is a prerequisite)

10th-12th Grade

1 Elective Credit

**Housing Environments & Design**

Focuses on personal and family housing needs, options for meeting those needs, and the impact of the housing industry on the economy. Students will study the management of furnishings and appliances, conservation, green design, home technology, and career opportunities in housing. With focus in interiors, students will learn to make wise housing choices, learn elements and principles of design, study floor plans, room and furniture arrangement and selection as well as consumer rights and responsibilities.

10th -12th Grade

1 Elective Credit

**Child Development & Advanced Child Development**

Child Development

Students will be introduced to the study of child development and appreciate its relevance to their lives and families. This class helps students understand the beginnings of human life and follows the changes that take place from conception through birth and first days of life.

1st Semester

½ Elective Credit

Advanced Child Development

Through the study of child development research, students will use the findings to apply the principles of physical, intellectual, emotional, and social development to concepts related to the growth and development of children from infancy to early elementary years. Child Development is a prerequisite

2nd Semester

10th -12th Grade

½ Elective Credit

**Pathways to Teaching Professions**

The Teach and Train program is a 2-course sequence designed to provide high school students a seamless pathway into the teaching profession through academic coursework and hands-on practicum experience.  This program is designed for students with an interest in the teaching profession.

Prerequisite Courses: Child Development

11th & 12th Grade

1 Elective Credit

**PHYSICAL EDUCATION**

One credit of Physical Education is required for graduation.

##### Physical Education

This course will be two-week sessions in the areas of flag football, soccer, basketball, volleyball, badminton, pickleball, disc golf, tennis, table tennis, bowling, softball, and various games and activities will be taught.  Individual, dual and team sports will be emphasized.  Rules and skills tests will be included in the units of study.  Fitness Testing will be a requirement in the spring semester.

Required Grade 9

1 Physical Education Credit

##### Health

This class is designed to be developmental and sequential.  Students will learn the following concepts:  personal and emotional well-being, fitness, nutrition, disease prevention, environmental issues, sexuality, abuse and neglect, substance abuse, first aid, hygiene, growth and development, and health-related careers.  Required for graduation.

10th Grade

1/2 Health Credit

**Strength and Conditioning**

This class emphasizes weightlifting and conditioning.

10th - 12th Grade

1 Physical Education or Elective Credit

**FINE ARTS**

One Fine Art Credit is required for graduation.

**Art I**

The Principles of Art (line, shape, color, value, form, texture and space) and the Elements of Design (balance, contrast, emphasis, movement, pattern, rhythm and unity) will be taught as background for the appreciation of art and its relationship to everyday life.  Basic techniques of drawing, painting, printmaking and three-dimensional design will give the student an introduction to all phases of art. Art history will be used where it is relevant to the subject the student is studying.

9th -12th Grade

1 Fine Art or Elective Credit

**Art II**

Graphic Design is used to a greater degree than ever in architecture, advertising, marketing, interior and exterior environmental designs until it has become an almost invisible influence on our lives today. The Art II student will become aware of that influence and learn how to use it. The Elements of Art and Principles of Design will be employed as students discover the different aspects of graphic design.  The students will be drawing and painting and using the techniques they have learned in Art I, but to a greater degree.

Prerequisite: Art I

10th -12th Grade

 1 Elective Credit

**Art III, IV\***

The student should be able to choose a technique with which he or she has a close affinity and will work in an independent study situation.  The ability to think and work independently is necessary for success in this course.  The class will work with more advanced technique and more difficult subjects and art history will be studied to a greater degree.  The modern must always hold its relationship to the past.  The student must add a more polished mature look to his or her work.

\*A portfolio submission and approval may be required for admission into Art IV.

Prerequisite: Art I, II

11th - 12th Grade

1 Elective Credit

**Band**

This class is for students interested in instrumental music performance, creating ensemble music, and developing their individual musicianship. Students will develop and apply instrumental technique and playing skills, as well as their familiarity with reading and playing music in standard and non-standard musical notation. Throughout the course, students will experience and perform diverse musical styles. Required performances include football games, winter and spring concerts, and other occasions. Opportunities for further advancement through participation in solo/ensemble festivals, honor ensembles, and individual lessons outside of school time are provided and encouraged. Full year enrollment is required; students cannot withdraw at semester.

7th -12th Grade

1 Fine Art or Elective Credit

**High School Choir**

This class is for students interested in vocal music performance, creating ensemble music, and developing their individual musicianship. Students will develop and apply proper breathing technique, vocal production, blend, balance, and intonation. Students will acquire music-reading skills and learn about vocal anatomy. Throughout the course, students will experience and perform diverse musical styles. Performances are integral to the objectives of the class and required. Performances include winter and spring concerts, as well as other occasions. Opportunities for further advancement through participation in solo/ensemble festivals, honor ensembles, and individual lessons outside of school time are provided and encouraged.

9th-12th Grade

1 Fine Art or Elective Credit

**Junior High Choir**

This class is for junior high students interested in vocal music performance, creating ensemble music, and developing their individual musicianship. Students will develop and apply proper breathing technique, vocal production, blend, balance, and intonation. Students will acquire music-reading skills through experiencing and performing diverse styles of music. Performances include winter and spring concerts, as well as other occasions. Opportunities for further advancement through participation in solo/ensemble festivals, honor ensembles, and individual lessons outside of school time are provided and encouraged.

7th-8th Grade

**Additional Electives**

**Foreign Language**

Foreign Language credits count as electives and are not required for graduation.  However, some large universities do require them for admission.

**Spanish I**

This course is a study of the language, culture and customs unique to the Spanish-Speaking world. Students will learn the course material at an introductory level via the four basic modes of communication 1) reading, 2) writing, 3) listening, and 4) speaking. Students will acquire language through class novels, free voluntary reading, movie talks, music videos, class discussions, and games.

9th - 12th Grade

1 Elective Credit

**Spanish II**

(It is highly recommended that this course be taken the school year immediately following your study of Spanish I - Taking a year off between courses will put you behind and make it challenging to keep up with the coursework for Spanish II.) This course is a study of the language, culture and customs unique to the Spanish-Speaking world. Students will learn the course material at a novice level via the four basic modes of communication 1) reading, 2) writing, 3) listening, and 4) speaking. Students will acquire language through class novels, free voluntary reading, movie talks, music videos, class discussions, and games. Students will also participate in UCMO’s foreign language film festival.

Prerequisite: Spanish I

10th - 12th Grade

1 Elective Credit

**Spanish III** (Weighted)

(It is highly recommended that this course be taken the school year immediately following your study of Spanish I & II - Taking a year off between courses will put you behind and make it challenging to keep up with the coursework for Spanish II & III.) This course is a study of the language, culture and customs unique to the Spanish-Speaking world. Students will learn the course material at a novice level via the four basic modes of communication 1) reading, 2) writing, 3) listening, and 4) speaking. Students will acquire language through class novels, free voluntary reading, movie talks, music videos, class discussions, and games. Students will also participate in UCMO’s foreign language film festival.

Prerequisite: Spanish I & II

10th - 12th Grade

1 Elective Credit

**Communication Tech**

Must receive approval from Mr. Jones to enroll in this course.  Students will be responsible for assisting Mr. Jones in the technical development and upkeep of the district’s technology.

11th - 12th Grade

1 Elective Credit

**Yearbook**

Yearbook is an elective course in the English Language Arts, in which students study the basic skills of graphic design, journalism, and photography to create school newspapers and the yearbook. Students can explore media writing through the use of interviews, photography, and graphic design, in addition to the necessary requirements of writing well-researched articles and feature stories. Students will need to attend activities outside the normal school hours. Students will also need to apply for this course. See Ms. Rice for an application.)

Elective Credit

Grades 9-12

**Hillyard Technical School**

**Hillyard Technical School ARE OFFERED YEAR-LONG IN DAILY 4 HOUR BLOCKS.**

**For more complete information see our web site http://www.hillyardtech.com**

\* **Hillyard Technical School** is the site of a specialty career-related program. Acceptance into Hillyard Technical program

requires a student to have good academic standing and a 90% or better attendance rate. Students interested should contact their

counselor for an application.

**AUTO COLLISION TECHNOLOGY I**

Grade: 11 Credit: 4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE:** Good academic standing; 90% attendance record; and no major disciplinary incidents

**AUTO COLLISION AND REPAIR TECHNOLOGY II**

Grade: 12 Credit: 3 Units, 2 Semesters, 4 Hours Daily, PM Section.

**PREREQUISITE: Successful completion of Auto Collision and Repair Technology I**

**AUTOMOTIVE AND REPAIR TECHNOLOGY I**

Grade 11, Credit: 4 Units, 2 Semesters, 4 Hours Daily, PM Section.

**PREREQUISITE:** Good academic standing, 90% attendance record; and no major disciplinary incidents

**AUTOMOTIVE AND REPAIR TECHNOLOGY II**

Grade 12, Credit:4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE: Successful completion of Automotive and Repair Technology I**

**MEDICAL TRANSCRIPTIONIST I**

Grade: 11 Credit: 4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE:** Good academic standing, 90% attendance record; and no major disciplinary incidents

**MEDICAL TRANSCRIPTIONIST II**

Grade 12, Credit:4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE: Successful completion of Medical Transcriptionist I**

**PRECISION MACHINIST I**

Grade 11, Credit: 4 Units, 2 Semesters, 4 Hours Daily, PM Section.

**PREREQUISITE:** Good academic standing, 90% attendance, and no major disciplinary incidents

**PRECISION MACHINIST II**

Grade 12, Credit:4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE: Successful completion of Precision Machinist II**

**CONSTRUCTION I**

Grade: 11 Credit: 4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE:** Good academic standing, 90% attendance record; and no major disciplinary incidents

**CONSTRUCTION II**

Grade 12, Credit:4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE: Successful completion of Construction II**

**FIRE SCIENCE**

Grade 11, Credit:4 Units, 2 Semesters, 4 Hours Daily, PM Section

**EMT**

Grade 12, Credit:4 Units, 2 Semesters, 4 Hours Daily, PM Section

**CAD I**

Grade: 11 Credit: 4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE:** Good academic standing, 90% attendance record; and no major disciplinary incidents

**CAD II**

Grade 12, Credit:4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE: Successful completion of CAD I**

**HVAC I**

Grade: 11 Credit: 4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE:** Good academic standing, 90% attendance record; and no major disciplinary incidents

**HVAC II**

Grade 12, Credit:4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE: Successful completion of HVAC I**

**HEALTH SERVICES I**

Grade: 11 Credit: 4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE:** Good academic standing, 90% attendance record; and no major disciplinary incidents

**HEALTH SERVICES II**

Grade 12, Credit:4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE: Successful completion of HEALTH SERVICES I**

**ELECTRONIC TECHNOLOGY I**

Grade: 11 Credit: 4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE:** Good academic standing, 90% attendance record; and no major disciplinary incidents

**ELECTRONIC TECHNOLOGY II**

Grade 12, Credit:4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE: Successful completion of HEALTH SERVICES I**

**WELDING TECHNOLOGY I**

Grade: 11 Credit: 4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE:** Good academic standing, 90% attendance record; and no major disciplinary incidents

**WELDING TECHNOLOGY II**

Grade 12, Credit:4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE: Successful completion of WELDING TECHNOLOGY I**

**COMPUTER SERVICE TECHNOLOGY I**

Grade: 11 Credit: 4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE:** Good academic standing, 90% attendance record; and no major disciplinary incidents

**COMPUTER SERCVICE TECHNOLOGY II**

Grade 12, Credit:4 Units, 2 Semesters, 4 Hours Daily, PM Section

**PREREQUISITE: Successful completion of WELDING TECHNOLOGY I**

ADDITIONAL LEARNING OPPORTUNITIES

# Clubs & Organizations

**Drama Club**

**Fellowship of Christian Athletes (FCA)**

**Future Business Leaders of America (FBLA)**

**FCCLA**

**FFA**

**Helping Hearts**

**Student Council**

**National Honor Society**

**Science Olympiad**

**Internships**

**Job Shadowing**

**Assessments**

# Standardized tests are designed to give a common measure of students' performance. They help compare an individual's performance with the performance of a group of students from a given class, school, or school system. Since large numbers of students throughout the country take the same test, "standards" can be developed to show whether school programs are succeeding and how students are performing. Standardized achievement tests measure how much students have already learned about school subjects such as reading, math, language skills, spelling, or science. On the other hand, standardized aptitude tests measure your students' ability to learn in school. They measure verbal ability, mechanical ability, creativity, clerical ability, or abstract reasoning.

**PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship**

**Qualifying Test)**

The PSAT/NMSQT measures verbal and mathematics reasoning skills important for academic success in college. It serves three purposes: gives the student practice for the SAT I; is the first step in qualifying for scholarships sponsored by the National Merit Scholarship Corporation and other scholarship programs; gives the student the opportunity to participate in the Student Search Service. This test is taken in the junior year for NMSQT qualification.

**ASVAB (The Armed Services Vocational Aptitude Battery)**

The ASVAB measures students’ strengths and potential for future success. The ASVAB also provides [career information](http://www.qklinkserver.com/lm/rtl3.asp?si=19903&k=career%20information) for various civilian and military occupations and is an indicator for success in future endeavors including college, vocational school, or a [military career](http://www.qklinkserver.com/lm/rtl3.asp?si=19903&k=military%20career).

**ACT (American College Testing Program)**

The ACT is a battery of four examinations in English, math, reading, and science reasoning, each of which yield separate scores measuring developed abilities. The test is required by many colleges as part of the application process for admission.

**TSA (Technical Skill Attainment)**