

**UNIVERSITY CITY HIGH SCHOOL
CAREER AND EDUCATION
PLANNING GUIDE**



THE SCHOOL DISTRICT OF
UNIVERSITY CITY

Transform the Life of Every Student Every Day!

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PREFACE

University City High School (UCHS) had designed the UCHS Career and Education Planning Guide to help parents and students choose the best possible program based on a student's aspirations once he/she has graduated from high school. The UCHS faculty has ensured that students have access to a well-rounded high school curriculum consisting of core courses in English language arts, mathematics, social studies and science, in addition to a second language, physical education, the arts and career and technical education. The faculty further ensures that the current curriculum offers both the substance and the practicality to prepare students for the future.

Course selection is a cooperative endeavor involving students, parents and counselors. Parents and students are expected read the entire UCHS Career and Education Planning Guide and jointly make decisions regarding course selection.

Please note that final course offerings may be determined based on a minimum of 15 students seeking enrollment in the course.

TO THE STUDENT AND PARENTS

The UCHS Career and Education Planning Guide provides a brief description of material to be studied in each course. Because choosing the right courses often requires making difficult decisions, it is suggested students and parents follow the steps listed below:

- Before making course selections, the student should speak with a counselor about credits earned and discuss any concerns or questions in regards to their current course of study;
- Preview the entire UCHS Career and Education Planning Guide with particular attention to the Educational Development Plan, Graduation Requirements, and Preparing for Post University City High School; and
- Make course selections jointly that are academically appropriate for the student's course of study.

FIVE-YEAR PLAN / COURSE SELECTION PROCEDURES

The UCHS Career and Education Planning Guide assists students and parents with registration for the upcoming school year and helps students develop a Five-Year Plan and choose a "Career Pathway," including four years of high school and the year following graduation. (See Five-Year Plan template.) UCHS urges students and their parents to read the course descriptions carefully to ensure the course relates to the student's educational and vocational objectives, interests, and abilities. Attention should be given to prerequisites (courses needed prior to a course being taken) and the grade level required for each course. The counseling department will explain the procedures for course selection and course registration. Students should give considerable thought to the selection process and are urged to seek assistance from parents, teachers, and school counselors in determining the courses that will best prepare them for their future educational and/or occupational goals.

Academic advisement should be an ongoing process with final course submission completed by the middle of January. Students will be able to review choices submitted and make course changes once schedules are distributed – usually by the end of February.

Students will work closely with their counselor to develop a "Career Pathway," which will provide an opportunity to develop, monitor, and manage an educational plan through a structured, systematic individual planning system. This process begins in eighth grade and is monitored by the school counselor.

Contact the Guidance Office with any questions or concerns.

GRADUATION REQUIREMENTS

The requirements for graduation are as follows as established by the University City Board of Education in accordance with the Missouri Department of Elementary and Secondary Education:

SUBJECT AREA	CREDITS (Years)
English Language Arts	4
Mathematics	3
Science	3
Social Studies	3
Fine Arts	1
Practical Arts	1
Physical Education	1
Health Education	0.5
Personal Finance	0.5
Electives <i>General (4 Credits)</i> <i>Core (3 Credits in English language arts, mathematics, science and/or social studies)</i>	7
TOTAL	24

PROMOTION REQUIREMENTS

Grade level is assigned upon completion of minimum credits.

- Freshman (9th grade) 0-6 credits
To be promoted to the high school, eighth graders are required to pass four of the following five required courses: communication arts, mathematics, social studies, science, and either foreign language or reading.
- Sophomore (10th grade)..... 6-12.5 credits
Students must have six credits to be assigned sophomore classification.
- Junior (11th grade) 12.5-18 credits
Students must have twelve and one half credits to be assigned junior classification.
- Senior (12th grade)..... 18 + credits
Students must have eighteen credits to be assigned senior classification.

PLANNING FOR COLLEGE

Because many University City High School (UCHS) students elect to go on to college, there is an extraordinary amount of information about colleges available in the College and Career Resource Center. Open files, college catalogs, college/career information CDs, the Internet, and computer programs can help students learn about the opportunities available in post-secondary education. In addition, more than 100 college representatives visit UCHS throughout the year. Career counseling resources include various interest inventory tests, computer-guided career exploration, and assorted books and periodicals. Each junior will be given access to the Naviance program through the college resource office. This program allows students to submit their college applications online, as well as receive additional information about colleges in which they are interested. The counseling staff can help students define career possibilities and college choices relative to career goals. Financial aid and scholarship information is available for all students. Financial aid workshops are offered, usually in January.

GUIDELINES FOR COLLEGE ADMISSIONS

These are general guidelines to help students with the college admissions process. Factors such as grade point average, school activities, college entrance test scores, and course of study are considered. Specialized schools may have different guidelines. Please consult a guidance counselor for more details.

REQUIREMENTS	TEST SCORES	EXAMPLES
Open Admissions 4 years English 3 years Math 3 years Science 3 years Social Studies	Recommended Scores ACT Composite 17-20 SAT (verbal & math) 830-950	Harris-Stowe State Univ. Jefferson College Lincoln University Mo. Western State Univ. North Central Mo. College St. Charles Community College St. Louis Community Colleges
Liberal Admissions Will accept students from lower 50% of class GPA of 2.0 or better 4 years of English 4 years of Math 3 years of Science 3 years of Social Studies 2 years of Foreign Language	Recommended Scores ACT Composite 18-21 SAT (verbal & math) 870-990	Univ. of Central Missouri Mo. Southern State Univ. Northwest Mo. State Univ. Southeast Missouri State Univ.
Traditional Admissions Top 50% of class GPA 2.5 or better 4 years English 4 years Math 3 years Science 3 years Social Studies 2 years Foreign Language	Recommended Scores ACT Composite 20-23 SAT (verbal & math) 950-1070	In State Missouri State University Missouri University of Science and Technology Univ. of Missouri - Columbia Univ. of Missouri - Kansas City Univ. of Missouri - St. Louis
Selective Admissions* Top 25% of class GPA 3.2+ 4 years English 4 years Math 4 years Science 4 years Social Studies 2-3 years Foreign Language 2 years Academic Electives	Recommended Scores ACT Composite 22-27 SAT (verbal & math) 1030-1220 <i>*Check with school of choice to determine if writing component is required for ACT and/or SAT.</i>	In State Truman State University Out of State Drake University Brown College Duke Purdue
Highly Selective Admissions* Top 10% of class GPA 3.5+ 4 years English 4 years Math 4 years Science 4 years Social Studies 4 years Foreign Language 2 years Academic Electives	Recommended Scores ACT Composite 27-31 SAT (verbal & math) 1220-1600 <i>*Check with school of choice to determine if writing component is required for ACT and/or SAT.</i>	In State Washington University St. Louis University Out of State Stanford University Harvard Princeton Yale

MIDDLE SCHOOL COURSES ON HIGH SCHOOL TRANSCRIPT

Algebra, Geometry and Foreign Language Courses taken in Middle School will appear on a student's high school transcript for record-keeping purposes. Algebra and Geometry will appear as a credit towards graduation but will not be included in a student's GPA calculation. Foreign Language courses will appear on the transcript for reporting purposes only, but will not be included in credits toward graduation or GPA calculation.

COLLEGE BOUND

College Bound provides promising high school students with the academic enrichment, social supports, and life skills needed to apply, enroll, and succeed in four-year colleges. The College Bound program begins in the spring of freshman year and select students remain in the program throughout high school and college. The program includes weekly sessions focused on college knowledge, financial literacy, career exploration, weekend study sessions at Washington University, summer programs on college campuses, ACT prep, assistance applying for financial aid, college tours, application assistance, internships, community service, cultural field trips, and support for students in college.

Prerequisites include 2.5+ cumulative GPA, entering sophomore or junior year and must be enrolled or willing to enroll in college prep courses.

MISSOURI CONNECTIONS (FRESHMEN & SOPHOMORES)

<https://www.MissouriConnections.org>

Missouri Connections is a web-based resource to help Missouri citizens determine their career interests, explore occupations, establish education plans, develop job search strategies, and create resumé's. Sponsored by the Department of Elementary and Secondary Education and the Department of Economic Development, Missouri Connections is available to students, parents, guidance counselors, educators, and job seekers.

NAVIANCE/FAMILY CONNECTION (JUNIORS & SENIORS)

<https://connection.naviance.com/univcityhs>

University City High School "Family Connection" website powered by NAVIANCE provides college and scholarship information to families. Through this secure website, families will be able to:

- View and edit personal profile and parent information;
- Indicate notable accomplishments;
- Complete the "Game Plan" survey to indicate post-graduation plans and college preferences;
- Indicate scholarships received and amounts;
- View and add to their college application list;
- Indicate interest levels in specific colleges;
- Check application deadlines for colleges;
- Update application information;
- View a list of the upcoming college visits;
- Register to meet with college representatives visiting UCHS;
- View a list of local scholarships received by UCHS (and download some applications);
- Review details on deadlines, maximum award, and requirements for each scholarship;
- Access a list of other web-based resources related to colleges and financial aid;
- Send an email to the guidance counselor;
- Investigate careers; and
- Contact the Guidance Office for registration information and access.

GRADING

The grading scale is based on the goals, objectives, and skills to be achieved by students as developed by the staff members in each department. The basic grading scale is used for all reports and consists of grades as shown below.

Letter Grade	Numerical Grade	Grade Point Average	Meaning
A	90-100%	4.0	Outstanding achievement of the goals, objectives, and skills of course
B	80-89%	3.0	Very good achievement of the goals, objectives, and skills of course
C	70-79%	2.0	Satisfactory achievement of the goals, objectives, and skills of course
D	60-69%	1.0	Minimum achievement of the goals, objectives, and skills of the course
F	below 60%	0.0	Minimum achievement not met
CR	--	--	Satisfactory completion of course
NC	--	--	Unsatisfactory completion of course
I	--	--	Incomplete course; the student is given a set period of time to complete missing work.

HONORS PLACEMENT

Honors classes engage students in active, high-level learning, thereby ensuring that students develop the skills, habits of mind, and strategies to succeed in Advanced Placement courses, and college. Honors courses offered at UCHS include:

- Honors Literature and Composition I
- Honors Literature and Composition II
- Honors Algebra I
- Honors Geometry
- Honors Chemistry
- Honors World History
- Honors U.S. History

ADVANCED PLACEMENT PROGRAM

Advanced Placement (AP) courses follow a national curriculum provided by The College Board, the publishers of the SAT college entrance exam. These courses give students the opportunity to earn college credit while still in high school. Each May, AP exams are offered to students as they complete their coursework. Students earning a minimum score on the exam will receive either elective credit or course replacement credit, depending on the college or university policy. Parents and students are encouraged to review these policies on the college website for the colleges in consideration. These are college-level courses that reflect a student's willingness to follow the demands and rigor of college-level studies. AP courses assist students in stretching themselves to think and learn at a higher level and will help students stand out in the college admission process. A fee is required for each AP exam. The following AP courses are offered at UCHS:

- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP Chemistry
- AP Physics
- AP Language and Composition
- AP Literature and Composition
- AP Latin
- AP Spanish
- AP Government
- AP U.S. History
- AP World History

The cost of the AP exam is \$89. The cost of the exam may be adjusted based upon student need.

GRADING IN HONORS AND ADVANCED PLACEMENT COURSES

Honors and Advanced Placement course grades are calculated into a student's Grade Point Average on a weighted scale. Below is the weighted scales for GPA calculation.

Honors Courses	Advanced Placement Courses
A = 4.5	A = 5.0
B = 3.5	B = 4.0
C = 2.5	C = 3.0
D = 1.0	D = 1.0
F = 0	F = 0

CREDIT AND NO CREDIT

Any student enrolled in University City High School may select one course each semester to receive credit or no credit for the course. Students who select the option of credit/no credit are expected to participate in the class and fulfill the requirements of the course. The teacher will grade the student by indicating that s/he receives credit for the course, or that s/he receives no credit for the course. In either case, the results of the student's effort will be recorded on the permanent record as follows:

- CR: Indicates satisfactory completion in the course and credit will be given
- NC: Indicates failure in the course taken and no credit will be given

A course taken for C/NC will not be used in computing the grade-point average or class rank.

All students who select the option of C/NC will have six weeks to complete the proper form and submit to Guidance. C/NC forms are available in Guidance.

INDEPENDENT STUDY

Students may apply to take one course per semester of independent study for credit. An application for independent study must be approved by the student, parent, teacher, department chairperson, counselor, and Guidance Department. **Independent study may be arranged for courses that are offered but cannot be scheduled due to irresolvable conflict.** (This is a rare case.) See the counselors to determine eligibility for a course. Faculty members who sponsor students on independent study are responsible for complete, specific information on the Independent Study Form. Teachers are also responsible for documenting that the contracted readings, assignments, and conferences are completed before awarding credit for the study. In no instance is an independent study credit to be awarded without adequate performance. Independent Study Forms can be obtained from the guidance office. **THE FORMS MUST BE COMPLETED AND SUBMITTED BY THE THIRD WEEK OF THE SEMESTER.**

ONLINE LEARNING: E2020

E2020 is a computer-based instructional program designed to provide students with the opportunity to fulfill requirements for graduation through credit recovery of a previously failed course. All course work is aligned to Missouri state standards and the Common Core standards. Students are able to learn at their own pace and make meaningful academic gains. E2020 provides learning opportunities for students in traditional, non-traditional, at-risk, home bound, or other alternative settings to recover credits through online courses in a flexible and engaging environment. Counselors and administrators can assign, monitor, and assess student progress through management, tracking, and reporting tools.

E2020 provides classes for students in grades 9-12 in the elective and core content areas including mathematics, science, language arts, and social studies courses. Enrollment requirements are as follows:

- Student may be enrolled in E2020 courses for credit recovery or advancement.
- Student may be enrolled in the E2020 class during the regular school schedule in lieu of an elective class.
- Student may also be enrolled outside the school day for credit recovery.
- Attendance guidelines for online classes offered during the school day will be the same as regular classes.
- Student may not be enrolled for more than two (2) courses at one time.
- Student will be subject to the student conduct code while working online.
- If a student is enrolled in the course during the day, student will be assigned to the computer lab. The teacher/computer lab aid will help with technical problems but does not instruct the student. The teacher will take attendance, help with any problems accessing the course or online materials, any technical issues, or computer problems.
- E2020 does not meet NCAA Clearinghouse standards of eligibility.
- Student may not be enrolled in more than two courses at one time; unless needed for graduation.

LIEBERMAN LEARNING CENTER

The Lieberman Learning Center (LLC) is an option that provides a learning experience for students apart from the traditional high school environment. The goal of the program is to provide an opportunity for students to continue earning credits during a period in which they may experience difficulty in meeting expectations and requirements of the traditional high school. The LLC will provide:

- Flexible schedules,
- Smaller class sizes,
- An opportunity for more individualized instruction, and
- An opportunity to earn credit through employment and/or community service.

The program is not intended for first-year freshmen. Students will be admitted to the program through an application process. A student, parent/guardian, counselor, social worker, or administrator can initiate an application through the guidance office. After the counselor has spoken with the student and a parent/guardian, the application is sent to the LLC, along with a copy of the student's transcript, and attendance and discipline records. The application is then evaluated based upon the number of specific credits needed to determine if the LLC can assist the student. Students are then notified of acceptance into the program. All students accepted into the program must then have a student parent/guardian conference with the program administrator prior to being admitted.

Applications are accepted by June 1 for the fall semester and by December 15 for second semester. Student acceptance for second semester will be based on available space.

EARLY SENIOR GRADUATION

Seniors may depart from school before their graduation date if the criteria detailed below have been met.

- All graduation requirements have been fulfilled.
- Written parental consent is submitted to the guidance counselor.
- The student makes a formal application at least one semester before the proposed completion date. Late applications are accepted only if extenuating circumstances merit special consideration.
- Student has secured employment or is enrolled in a post-high school education program.

S/he is considered a student of University City High School until the normal graduation ceremony in May. As such, s/he may participate in all student activities during the second semester that do not require regular attendance in school. All fees must be paid prior to graduation. Final approval for early departure is made by the administration in conjunction with the counselor. If interested, see the counselor for an early departure application form.

DESCRIPTIONS OF TESTS

The University City School District offers testing sites within the district for many of the tests listed below. Please contact the Guidance Department at school to obtain information regarding testing dates, sites, and costs. The Guidance Department also offers a number of resources to help students prepare for the tests.

Missouri and U.S. Constitution Tests

Per the Department of Elementary and Secondary Education, to be eligible for graduation from high school, a student must satisfactorily pass a test or tests on the provisions and principles of the U.S. and Missouri constitutions in order to graduate. At University City High School, the tests are administered in U.S. Government courses.

End-Of-Course Exam (EOC)

As part of the Missouri Assessment Program, UCHS requires End-of-Course (EOC) assessments in the subject areas of Algebra I, Algebra II (if Algebra I was taken in 8th grade), Lit & Comp II, Biology and Government. EOC assessments are taken when a student has received instruction on the course-level expectations for an assessment, regardless of grade level.

PSAT/NMSQT (11th Grade)

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

The PSAT/NMSQT measures verbal, writing, and mathematics reasoning skills important for academic success in college. It serves three purposes:

- It gives the student practice for SAT I,
- It is the first step in qualifying for scholarships sponsored by the National Merit Scholarship Corporation and other scholarship programs, and
- It gives the student the opportunity to participate in the Student Search Service.

This test is approximately two hours in length and is primarily taken in the junior year. Sometimes it is appropriate for the student to take this test during his/her sophomore year for practice. Students should consult their counselors for additional information.

SAT I & II (11th-12th Grades)

SAT I: Reasoning Test (Scholastic Aptitude Test)

SAT is an assessment used to predict students' performance in college. Required by some schools as part of the application process, this test has three sections — verbal, mathematics, and writing. Questions in the verbal section are divided into reading passages, analogies, and sentence completion. Questions in the mathematics section cover standard multiple-choice, quantitative comparisons, and grid-in answers. The Writing Test is an essay based on a prompt. The Guidance Office can provide the student with additional information or students can go to www.collegeboard.org. It is recommended that students take this test during their sophomore or junior year.

SAT II: Subject Tests (College Board Achievement Tests)

The SAT II: Subject Tests are designed to find out how well the student has mastered specific subjects. Tests are offered in the areas of communication arts, history, foreign language, mathematics, and science. There are three purposes for taking these tests:

- Allows the student to demonstrate mastery of specific subjects,
- Assists colleges in their admission decisions and helps the student to determine his/her college preferences, and
- Provides choice of and placement in entry-level courses.

ACT (11th-12th Grades)

American College Testing Program (ACT)

The ACT consists of four examinations in communication arts, math, reading, and science reasoning, each of which yields separate scores measuring developed abilities in those areas. The test is required by some colleges as part of the application process for admission. The ACT assessment also offers an optional writing test. Check with colleges to determine if they require this assessment. The Guidance Office can provide the student with additional information. The ACT exam dates are as follows:

TEST DATE

September 10, 2016
October 22, 2016
December 10, 2016
February 11, 2017
April 8, 2017
June 10, 2017 (Non-Saturday Date)

REGISTRATION DEADLINE

Registration dates
will be announced in
March of preceding school year.
For more details,
visit www.actstudent.org.

- Seniors must enroll in World Literature if not meeting the college readiness benchmark on the ACT.
- Seniors must enroll in College Prep Algebra or another mathematics course if not meeting the college readiness benchmark on the ACT.

ACT WorkKeys Assessment

ACT WorkKeys is a job skills assessment system that helps employers select, hire, train, develop, and retain a high-performance workforce. This series of tests measures foundational and soft skills and offers specialized assessments to target institutional needs.

As part of ACT's Work Readiness System, ACT WorkKeys has helped millions of people in high schools, colleges, professional associations, businesses, and government agencies build their skills to increase global competitiveness and develop successful career pathways.

Successful completion of ACT WorkKeys assessments in Applied Mathematics, Locating Information, and Reading for Information can lead to earning ACT's National Career Readiness Certificate (ACT NCRC), a portable credential earned by more than 2.3 million people across the United States.

Source: <http://www.act.org/products/workforce-act-workkeys/>

Armed Services Vocational Aptitude Battery (ASVAB)

Parents interested in having their son or daughter take an aptitude and career interest test should encourage students to sign up for the Armed Services Vocational Aptitude Battery (ASVAB). The Missouri Department of Elementary and Secondary Education has this to say about the ASVAB: "The Armed Services Vocational Aptitude Battery (ASVAB), the most widely used multiple aptitude battery in the United States and the most up-to-date, provides measures of aptitudes for general academic areas and for career areas that encompass most of the civilian as well as the military world. It is an excellent and useful test for all high school students' grades 10 through 12." The UCHS Guidance Office has information about this valuable test. The ASVAB is free with no military obligation attached.

NOTE: In addition to the tests described above, some colleges require their own on-campus placement tests before college enrollment is completed. UCHS suggests that each college-bound student explore the issue of college-related testing with the UCHS Guidance Department.

COMPASS Placement Test

St. Louis Community College uses COMPASS, an untimed, computerized placement test to evaluate academic skills and place students into appropriate courses. COMPASS scores indicate areas in which students are strong and areas in which they may need help. Following testing, students and their advisor or counselor can review the results and determine coursework that will be appropriate to the student's academic skills and chosen program of study beyond high school.

COMPASS is required of all students enrolling at STLCC unless academic credentials are submitted that qualify students to take such courses without testing. STLCC may waive all or part of the placement test if students provide written documentation of one of the following:

An **ACT** score earned within the last three years documenting:

- A reading score of **18** or above to waive the reading test
- An English score of **18** or above to waive the writing test
- A math score of **23** or above to waive the math test

An **SAT** score earned within the last three years documenting:

- A critical reading score of **500** or above to waive the reading and writing tests
- A math score of **580** or above to waive the math test

In addition, some selective admission programs may require additional assessment exams or skills tests.

If the student cannot document that s/he has met the alternative assessment criteria noted above, s/he will be required to take the appropriate placement test(s) through STLCC before enrollment.

Source: http://www.stlcc.edu/admissions_and_registration/Getting_Started/COMPASS/Index.html

DUAL CREDIT

Dual Credit is an opportunity for qualified junior and senior students to enroll in college courses that earn both high school graduation and college credit simultaneously without having to leave the high school campus. Dual Credit is a platform that provides for a seamless transition from secondary to postsecondary education. It involves close collaboration between high school and college educators through on-going communication and planning for an integrated program of study. There are several benefits and challenges associated with dual credit courses.

Benefits:

- Provides a head start on postsecondary core requirements
- Lowers cost of college (credits earned are discounted to the student)
- Extends the variety of classes available to high school students
- Provides greater opportunity for a coordinated, seamless education
- Serves as a "controlled" introduction to college life
- Allows increased and easier transition to college.

Challenges:

- Occasional lack of student maturity, self-discipline, and motivation for college classes
- Completing the course work along with other high school courses

Although there is a cost involved when taking dual enrollment courses, it is a benefit to the student to take advantage of obtaining college credit because tuition costs are given at a discounted rate.

UCHS offers two courses for dual credit at the high school. These courses include:

- College Prep Algebra (Math 140)
- Human Anatomy and Physiology (Biology 109)

SAINT LOUIS COMMUNITY COLLEGE ARTICULATED CREDIT

What is articulated credit? Articulated credit is college credit earned while a student is in high school. The credit is awarded for a high school course that is associated with a comparable college-level course, for which there is a signed articulation agreement developed by St. Louis Community College (STLCC) faculty and agreed upon by administration at both the high school and college level. Articulated credit can be applied at STLCC toward an Associate in Applied Science degree or certificate program.

What classes at University City High School are articulated with STLCC?

- Accounting I & II
- Child Development I & II
- Computer Applications I & II
- Culinary Arts I & II
- Drafting Design I
- Introduction to Engineering Design
- Principals of Engineering
- Web Design

So if I take these courses and earn articulated credit can it only be applied to STLCC?

Yes. These articulation agreements are exclusive with STLCC Career and Technical Education programs. These credits are not transferable to other colleges or universities.

If I take these courses and earn these credits, do I have to pay for them at STLCC?

No, if students earn the credit at UCHS, then they are college credits earned FREE of charge! But students will only be eligible to use the articulated credit within three years of graduating from UCHS.

What must I do to earn the articulated credit other than being enrolled in the course at UCHS?

Students must earn a "B" or better.

How can I get more information?

Check with a guidance counselor or a faculty member in the CTE Department.

DUAL ENROLLMENT

Dual enrollment is an option available to senior students. Students may enroll in a college-level course for college and/or high school credit while attending their senior year of high school. Enrollment in a class that is below college level will be taken for high school credit only. To be eligible, seniors must:

- Have a cumulative 2.5 GPA or higher;
- Have met or are meeting all graduation requirements through the regular high school program; and
- Enroll in a college course that is not available in the high school program, either because it is not offered or because of a conflict of time in the schedule.

Dual enrollment is available through the University of Missouri-St. Louis, St. Louis Community College, and Harris Stowe State University, as well as other area colleges. This option is open to seniors only and requires parent, counselor, and administrator approval prior to enrollment. Dual Enrollment Forms should be obtained from the guidance office. As most college and university semesters do not coincide with high school calendars, forms must be completed and submitted by the colleges' deadlines.

University City High School students are not eligible for late-start classes. In the case of a student beginning a college course before the end of first semester, the student is responsible for working with his/her academic counselor and classroom teacher to make arrangements for class work and final examinations. Students must be aware that the colleges have the final say in these courses.

To arrange dual enrollment, students must meet with their counselor after locating the course they wish to take. The counselor will examine records and write the permission letter for all qualifying students.

A+ ADVANTAGE

Missouri's A+ Program provides scholarship funds to eligible graduates of A+ designated high schools, such as University City High School, who meet certain A+ requirements / criteria and choose to attend a participating public community college, vocational/technical school or state university. Educational incentives for participating institutions will be provided as long as state funds are appropriated by the legislature.

UCHS students are encouraged to enroll in the A+ Program during their freshman year to allow students and parents to receive information on the A+ Program from the A+ Coordinator. Interested seniors must enroll in the A+ program no later than January in order to complete the 50 required hours of tutoring/mentoring before graduation.

As of January 2015, A+ candidates must graduate with a grade point average (GPA) of at least 2.5 on a 4.0 scale, maintain at least a 95 percent cumulative attendance record in grades 9-12, maintain a good record of citizenship in alignment with the school's citizenship requirements, have at least a 17 or above on ACT Math, 43 on COMPASS pre-algebra or 1 on COMPASS algebra exams and perform at least 50 hours of unpaid tutoring/mentoring to other students that is verified by the high school's A+ coordinator.

Students interested in participating in the A+ Program should contact UCHS' A+ coordinator, Linda Pritchard at lpritchard@ucityschools.org or 314-290-4100 ext. 2102. More information about the A+ Program including A+ Agreement, A+ Partnership Plan and A+ Manual are available at uchs.ucityschools.org.

THINKING ABOUT TECHNICAL SCHOOL?

North and South County Technical High Schools offers students in grades 10-12 the opportunity to earn professional licenses and certifications, college credits through articulation and dual enrollment agreements, and advanced placement in 12 apprenticeship programs. Course offerings range from traditional technical fields, such as precision machining and construction, to high-demand fields such as health sciences and network administration. Students must complete an application for admission. For additional information, please see a guidance counselor and visit www.sssdmo.org/ssd_services/tech_ed.html. A complete list of courses is listed below delineated by career cluster.

Advanced Manufacturing

- Precision Machining
- Welding

Arts and Communication

- Architectural Design and Geospatial Technology
- Fashion Design
- Graphic Design
- Graphic Production and Printing

Business and Information Technology

- Business and Financial Management
- CISCO Networking Academy
- Hospitality, Tourism and Event Planning
- Web and Computer Programming

Construction

- Carpentry
- Construction Trades
- Electrical Trades
- Heating, Ventilation and Air Conditioning
- Plumbing

Human Services

- Cosmetology
- Culinary Arts
- Early Childhood Education

Medical, Plant and Animal Sciences

- Health Science
- Landscaping and Horticulture
- Veterinary Assistant

Public Safety

- Emergency Medical Technician
- Firefighting
- Homeland Security
- Law Enforcement

Transportation

- Auto Body
- Automotive Technology
- Diesel Technology

PROJECT LEAD THE WAY: PATHWAY TO ENGINEERING

The Project Lead the Way (PLTW) Pathway to Engineering (PTE) program is a sequence of courses that follows a proven hands-on, real-world problem-solving approach to learning. Throughout PTE, students learn and apply the design process, acquire strong teamwork and communication proficiency and develop organizational, critical-thinking, and problem-solving skills. Students discover the answers to questions like how are things made and what processes go into creating products?

Students use the same industry-leading 3D design software used by companies like Intel, Lockheed Martin and Pixar. They explore aerodynamics, astronautics and space life sciences. Students apply biological and engineering concepts related to biomechanics, such as robotics. They design, test and actually construct circuits and devices such as smart phones and tablets and work collaboratively on a culminating capstone project. Project Lead the Way is STEM (Science Technology Engineering and Mathematics) education and is at the heart of today's high-tech, high-skill global economy.

Course offerings include, Introduction to Engineering Design (IED), Principles of Engineering (POE) and Civil Engineering and Architecture (CEA). The fourth course Engineering Design and Development (EDD) is yet to come in 2017-18.

ATHLETIC ELIGIBILITY

University City High School is a member of the Missouri State High School Activities Association (MSHSAA) and abides by all the rules and regulations pertaining to eligibility for student-athletes and the rules and regulations as established by the Association. The School District of University City has placed increased standards on student-athletes and expects all participants to meet both MSHSAA and District guidelines for participation.

- Participation in athletics and activities is considered a privilege and not a right.
- Students must be considered a "credible citizen" to be eligible to compete. This includes actions at school and in the community and is in effect 365 days a year.
- MSHSAA Academic Eligibility Standards require that students be enrolled in a minimum of 3.0 credits (6 classes) in the semester they compete.
- MSHSAA Academic Eligibility Standards require that students pass a minimum of 3.0 credits (6 classes) the semester prior to competition. (Summer may be included.)
- University City High School requires students that have below a 2.5 cumulative GPA to attend academic tutoring and be enrolled in the Academic Improvement Program (AIP) in order to gain the privilege of competition.
- If students are not permitted to attend school for disciplinary reasons, they are not allowed to participate in interscholastic athletics. Students that receive Out-of-School Suspension (OSS) may not practice or compete until they complete a full day of attendance. Students that receive In-School Suspension (ISS) may practice but not compete until they complete a full day of attendance.
- Students must report all arrests and actions taken by law enforcement to their Athletic Director within 24 hours (excluding traffic violations) to determine if the action will have an effect on athletic eligibility.
- If a student-athlete is absent after the completion of first period, they may practice but not compete until they complete a full day of attendance. Students absent on Fridays may not compete over the weekend. Absences may be approved by the Athletic Director in rare cases if permission is granted in advance, such as for a doctor's appointment, college visit, funeral, etc.
- Students who represent University City High School by participating in interscholastic athletics may not compete as members of a non-school team in the same sports season. Students may compete with an organized non-school team in a different sport if there is no practice or competition for the in-school team on that day.
- Students must maintain their amateurism and may not accept any award directly tied to athletics or performance in excess of \$25.
- Students and parents are required to read and abide by the "Student-Athlete Handbook" located on the District website at uchs.ucityschools.org.

**** See the Athletic Director for additional information or any questions ****

NATIONAL COLLEGE ATHLETIC ASSOCIATION (NCAA) ELIGIBILITY STANDARDS

Core Courses:

NCAA Division I requires 16 core courses. This rule applies to any student first entering any Division I college or university. NCAA Division II requires 14 core courses.

Note: Division II will require 16 core courses beginning August 1, 2013.

Test Scores:

- Division I has a sliding scale for test score and grade point average.
- Division II has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading and science.
- All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

Grade Point Average:

- Only core courses are used in the calculation of the grade point average.
- Be sure to look at the high school's list of NCAA-approved core courses on the Eligibility Center's website at www.eligibilitycenter.org to make certain that courses being taken have been approved as core courses.

Important Information:

Students enrolling at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center website. Students need to request final amateurism certification prior to enrollment.

For more information regarding the rules, please go to www.NCAA.org. Click on "Rules Compliance" then "Eligibility."

ACADEMIC INTEGRITY FOR FACULTY & STUDENTS

University City High School values academic integrity. Academic integrity requires:

Honesty, which means:

- A commitment to truthfulness, and
- The refusal to steal or mislead, cheat, or plagiarize.

Fairness, which means:

- The willingness to treat others as I would wish to be treated upon careful consideration.

Respect, which means valuing, in attitude and practice:

- All human beings,
- Myself, and
- The University City High School community and beyond.

Responsibility, which means:

- Recognizing that the quality of a UCHS education and the quality of the UCHS experience depend upon my behavior, and
- Accepting, at all times, the consequences of my actions.

As a member of the UCHS community, the students, faculty, and staff are responsible for upholding this value, supporting academic quality, academic rigor and an appropriate high school atmosphere.

ACADEMIC INTEGRITY STATEMENT

University City High School values academic integrity (honesty, trust, fairness, respect and responsibility). It recognizes that individuals can achieve their maximum potential and contribute appropriately to the well-being of the larger community only if they recognize the ethical dimensions of decisions and actions. The school and district assumes all members of the academic community will exhibit academic integrity supporting student access, academic quality, academic rigor, innovation, and collegiality.

DEFINITION OF PLAGIARISM

Plagiarism is defined as representing the words, ideas, or work of another as one's own in any academic exercise. Plagiarism consists of taking the words or substance of another work and either copying or paraphrasing without giving credit to the source. Plagiarism is applicable to written, oral and artistic work. The following examples are only some of the many forms plagiarism may take:

- Word-for-word copying of work written by someone else;
- Failure to give proper credit for ideas, statements of facts or conclusions derived by another;
- Failure to use quotation marks when quoting directly from another, whether a paragraph, sentence or phrase; or
- Close and extended paraphrasing of another work without acknowledging the source.

DEFINITION OF CHEATING

Cheating is the act of obtaining or attempting to obtain credit for academic work through the use of dishonest, deceptive, or fraudulent means. The following are only some of the many forms cheating may take:

- Copying another's work on a test, paper, or project;
- Using unauthorized materials in an exam or collaborating on work to be turned in for credit where the instructor disallows such collaboration;
- Taking an exam for another student, purposely allowing another student to copy during a test or providing coursework for another student to turn in as his or her own effort;
- Fabricating, falsifying or misrepresenting data or results from experiments, interviews or surveys;
- Submitting the same work in more than one class for credit without permission from the instructor; or
- Knowingly furnishing false information to a college.

SCHEDULE CHANGE

University City High School students may only change their schedules during the first two weeks of each semester. Schedule changes are based upon the professional recommendation of teachers and counselors. Student's preference of teacher is not a sufficient rationale for schedule changes. Should a student wish to change an honors or Advanced Placement (AP) course, they should pick up a purple, Honors / AP Drop form from the 11th grade office.

UNIVERSITY CITY HIGH SCHOOL 5 YEAR PLAN OF STUDY

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

Name: _____ **Career Path (circle one)** Business, Management & Technology Natural Resources Agriculture Human Services
Industrial & Engineering Technology Health Services Arts & Communication

Assessments: _____ **Career Cluster:** _____

Graduation Year: _____ **Postsecondary Goal(s):** _____

NCAA? ☐ YES ☐ NO **A+ Program?** ☐ YES ☐ NO **Directions:** Fill in your intended courses for each school year. *Place an H (H) or AP (AP) next to any course that is Honors or Advanced Placement.*

REQUIREMENTS/CREDITS		GRADE 9		
		1ST SEMESTER	2ND SEMESTER	
Language Arts	1	Lit/Comp 1	Lit/Comp 1	Initial Program of Study
Social Studies	1	World History	World History	Date: _____
Mathematics	1			
Science	1	Physical Science or Hon Biology	Physical Science or Hon Biology	Student's Signature _____
Academic Lit or Elective	1			
P.E.	1	PE	PE	Counselor's Signature _____
Elective or Fine Art/CTE Requirement	1			

REQUIREMENTS/CREDITS		GRADE 10		
		1ST SEMESTER	2ND SEMESTER	
Language Arts	1	Lit/Comp II	Lit/Comp II	Annual Review
Mathematics	1			Date of Revision: _____
Science	1	Biology or Chemistry	Biology or Chemistry	
Social Studies	1	US History	US History	Student's Signature _____
Health	.5			
Other Elective	.5	Health		Counselor's Signature _____
Elective or Fine Art/CTE Requirement	1			
Elective or Fine Art/CTE Requirement	1			

REQUIREMENTS/CREDITS		GRADE 11		
		1ST SEMESTER	2ND SEMESTER	
Language Arts	1	American Lit	American Lit	Annual Review
Social Studies	1	Government	Government	Date of Revision: _____
Mathematics	1			
Science	1			Student's Signature _____
Personal Finance	.5			
Other Elective	.5	Personal Finance		Counselor's Signature _____
Elective or Fine Art/CTE Requirement	1			
Elective or Fine Art/CTE Requirement	1			

REQUIREMENTS/CREDITS		GRADE 12		
		1ST SEMESTER	2ND SEMESTER	
Language Arts	1	World Lit	World Lit	Annual Review
Mathematics	1			Date of Revision: _____
Science	1			
Social Studies Elective	.5			Student's Signature _____
Social Studies Elective	.5			
Elective(s)	1			Counselor's Signature _____
Elective(s)	1			
Elective(s)	1			

MINIMUM	GRADUATION CREDIT REQUIREMENTS	CAREER & TECHNICAL
Language Arts – 4 credits	COLLEGE BOUND	Course Sequence in:
Mathematics – 3 credits	Language Arts- 4 credits	Family and Consumer Science
Social Studies – 3 credits	Mathematics – 4 credits	Business
Science – 3 credits	Social Studies – 4 credits	Marketing
Fine Art – 1 credit	Science – 4 credits	Project Lead the Way
Practical Art – 1 credit	Foreign Language- 2-3 years	*3 or more sequential credits
Personal Finance- .5 credit	Academic Electives – 2-3 years	+Meet other graduation requirements
Phys. Ed./Health – 1.5 credits	+ Meet other graduation requirements	
Electives- 7 credits		
Total of 24 credits		

CAREER PATHWAYS







What is a Career Path? The state of Missouri has identified six Career Paths as a way to help students become aware of and explore careers in a logical and meaningful way. They include Arts and Communication, Business, Management and Technology, Health Services, Human Services/Transportation, Industrial and Engineering Technology, and Natural Resources and Agriculture.

What is a Career Cluster? Missouri uses 16 Career Clusters as a way of organizing occupations and careers to assist educators in tailoring rigorous coursework and related activities for all students. The Career Clusters include all occupations, even those not usually found in career and technical education.

What is a Career Pathway? Occupations within a Career Cluster are further grouped according to shared commonalities such as skill sets or common roles. This grouping is called a Career Pathway. Each cluster contains two to seven Career Pathways. Career Pathways assist educators in the development of a coordinated and non-duplicative sequence of courses that identifies both secondary and postsecondary education elements; includes challenging academic and career and technical education content; and culminates in one or more of the following: technical skill proficiency, a credential, a certificate, or a degree at the secondary or postsecondary level.

Who can help me understand Career Pathways? A guidance counselor as well as any Career and Technical Education teacher can assist students in understanding Career Pathways – just ask!

Where can I get more information regarding the Career Pathways at University City High School? Right here in this book! Read all about them in the pages that follow.

Career Paths	Description	Career Clusters	Possible Careers
Arts and Communication 	Creative Path Are you a creative person? Do you like to perform for others or create a work of art? Are you imaginative and innovative?	Arts, A/V Technology and Communications	Communications Occupations Performing Arts Occupations Visual Arts Occupations Computer Engineers Audio Visual Engineers
Business, Management, and Technology 	Business Path Are you a leader? Do you like to organize meetings or projects? Are you able to talk to people and communicate your idea or a vision? Can you carry out a project to completion?	Information Technology Marketing, Sales and Service Business, Management and Administration Finance	Executive, Administrative and Managerial Occupations Marketing and Sales Occupations Administrative Support Occupations, Including Clerical Computer, Mathematical and Operations Research Occupations Computer Engineers
Health Services 	Health Path Do you like helping people get well or even stay well? Are you interested in diagnosing a health issue in a patient? Are you interested in the human body and how it functions?	Health Science	Health Services Occupations Health Assessment and Treating Occupations Health Diagnosing Practitioners Health Technologists and Technicians Biomedical Engineering
Human Services/Transportation 	Helping Path Do you like to problem solve and make things better for others? Are you open to new ideas or opinions? Do you have an outgoing and friendly personality?	Human Services Hospitality and Tourism Government and Public Administration Law, Public Safety, Corrections and Security Education and Training	Legal Careers Religious Occupations Educational Occupations Food and Beverage Preparation and Service Occupations Personal, Building, and Ground Service Occupations Protective Service Occupations Social and Recreational Occupations Civil Engineers
Industrial and Engineering Technology 	Building and Fixing Path Do you like building things? Are you interested in determining how things work?	Manufacturing Transportation, Distribution and Logistics Science, Technology, Engineering and Mathematics Architecture and Construction	Engineers Architects and Surveyors Plant and Systems Operators Mechanics, Installers and Repairers Metalworking and Plastics-Working Printing Occupations Construction Trades Occupations
Natural Resources and Agriculture 	Nature Path Do you like nature and the outdoors? Do you like to be physically active? Would you like to determine the cause of environmental problems?	Agriculture, Food and Natural Resources	Food Scientist Botanist Veterinarian Agricultural Engineer Forest, Fisheries or Mining Engineer or Technician Hazardous Materials Handler Livestock Buyers/Seller



University City High School
Agriculture, Food & Natural Resources
Career Cluster Program of Study Template
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities
Secondary	9	Literature & Composition I Honors Literature and Composition Academic Literacy	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	Comprehensive Physical Education Fine Arts	North County Tech www.northtechnical.org
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	Health	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____ Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____ Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other: _____
	11	American Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Government AP Government	Personal Finance	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other: _____ Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other: _____
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology			

Postsecondary Offerings – For A Complete Listing, go to www.missouriconnections.org				
Community College	Technical School/Training Institution	In State		Out of State/Other
Postsecondary Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Linn State Technical College www.linnstate.edu Metropolitan Community College www.mccc.edu Mineral Area College www.mineralarea.edu North Central Missouri College www.ncmmissouri.edu Ozarks Technical Community College www.otc.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu	Columbia Area Career Center www.career-center.org Davis Hart Career Center www.mexicoschools.net Eldon Career Center www.eldoncareercenter.org Hannibal Career and Technical Center www.hannibaltec.mo.us Kirksville Area Tech Center www.kirksville.k12.mo.us Moberly Area Tech Center www.moberly.k12.mo.us Ranken Tech College www.ranken.edu Waynesville Technical Academy www.waynesville.k12.mo.us	A.T. Skill University of Health Sciences www.atsu.edu Avila University - www.avila.edu Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College - www.hlc.edu Lincoln University - www.lincolnu.edu Lindenwood University www.lindenwood.edu Maryville University of St. Louis www.maryville.edu Missouri Baptist Univ - www.mobap.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu MO Univ of Science & Technology www.mst.edu Missouri Valley College www.moval.edu	Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Rockhurst University - www.rockhurst.edu Saint Louis University www.imagine.stu.edu Southeast MO State University www.semo.edu Southwest Baptist University www.sbu.edu Stephens College - www.stephens.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu University of MO – Columbia www.missouri.edu University of MO – Kansas City www.umkc.edu Univ of MO – St Louis - www.umsu.edu Washington University - www.wustl.edu Webster University www.websteruniv.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none"> • Apprenticeship • Military • On-the-Job Training Petropolis Academy of Grooming & Training - www.petropolisacademy.com Midwest Institute www.midwestinstitute.com

Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or 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	



**University City High School
Architecture & Construction
Career Cluster Program of Study Template**
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center
Secondary	9	Literature & Composition I Honors Literature and Composition Academic Literacy	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	North County Tech www.northtechnical.org South County Tech www.southtechhigh.org
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	<p>School-Based:</p> <p><input type="checkbox"/> Career Research</p> <p><input type="checkbox"/> Cooperative Education</p> <p><input type="checkbox"/> Internship</p> <p><input type="checkbox"/> Job Shadowing</p> <p><input type="checkbox"/> Service Learning Project</p> <p><input type="checkbox"/> Other: _____</p> <p>Community Based:</p> <p><input type="checkbox"/> Mentorship</p> <p><input type="checkbox"/> Volunteer</p> <p><input type="checkbox"/> Part-time Employment</p> <p><input type="checkbox"/> Other: _____</p> <p>Assessments/Certifications:</p> <p><input type="checkbox"/> Technical Skills Attainment (TSA)</p> <p><input type="checkbox"/> Project Lead the Way</p> <p><input type="checkbox"/> Pro Start</p> <p><input type="checkbox"/> Other: _____</p>
	11	American Literature & Composition AP Language & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Government AP Government	<p>Placement Assessments:</p> <p><input type="checkbox"/> Compass Test</p> <p><input type="checkbox"/> PLAN</p> <p><input type="checkbox"/> ACT</p> <p><input type="checkbox"/> PSAT</p> <p><input type="checkbox"/> SAT</p> <p><input type="checkbox"/> ASVAB</p> <p><input type="checkbox"/> WorkKeys</p> <p><input type="checkbox"/> Other: _____</p>
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	<p>◆ Drafting Design I</p> <p>Woodworking with Residential Wiring and Plumbing</p>	<p>Student Organizations:</p> <p><input type="checkbox"/> DECA</p> <p><input type="checkbox"/> FBLA</p> <p><input type="checkbox"/> FCCLS</p> <p><input type="checkbox"/> TSA</p> <p><input type="checkbox"/> Other: _____</p>

◆ Articulated Credit ★ Dual Credit

Revised 1.4.16

Postsecondary Offerings – For A Complete Listing, go to www.missouriconnections.org				
Community College	Technical School/Training Institution	In State		Out of State/Other
Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Linn State Technical College www.linnstate.edu Metropolitan Community College www.mccc.edu Mineral Area College www.mineralarea.edu Moberly Area Comm College www.macc.edu North Central Missouri College www.ncmissouri.edu Ozarks Technical Comm College www.otc.edu St Louis Community College www.stlcc.edu St. Charles Community College www.stchas.edu State Fair Community College www.stfcmo.edu Three Rivers Community College www.trcc.edu	Arcadia Valley Tech Center - www.mineralarea.edu Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm Clinton Tech School www.clinton.k12.mo.us Columbia Area Career Ctr - www.career-center.org Davis Hart Career Ctr - www.mexicocschools.net Eldon Career Ctr - www.eldoncareercenter.org Franklin Technology - www.ftcpiolin.com Gibson Tech Ctr - www.volives.k12.mo.us/gtc Grand River Technical School - www.grts.org Hannibal Career and Technical Center www.hannibaltec.mo.us Herndon Career Center www.herndoncareercenter.com Hillyard Technical Ctr - www.hillyardtech.com Lake Career & Technical Center www.camdentonschools.org Lebanon Technology and Career Ctr www.lebanon.k12.mo.us Lex La-Ray Tech Ctr www.lexington.k12.mo.us Kirksville Area Tech Ctr www.kirksville.k12.mo.us Moberly Area Tech Ctr - www.moberly.k12.mo.us Nichols Career Center - www.jcps.k12.mo.us Northland Career Ctr - www.northlandcareercenter.com Northwest Tech School - www.maryville.k12.mo.us Perryville Area Career/Tech Center www.perryville.k12.mo.us Pike-Lincoln Tech Ctr - www.pltc.k12.mo.us Ranken Tech College - www.ranken.edu Rolla Tech Institute - www.rolla.k12.mo.us South Central Career Ctr - www.wphs.k12.mo.us Unitec Career Center - www.mineralarea.edu Waynesville Technical Academy www.waynesville.k12.mo.us	Avila University - www.avila.edu Baptist Bible College - www.baptist.edu Bryan College - www.bryancollege.com Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College - www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Everest College www.everest-college.edu Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College - www.hlg.edu Harris-Stowe State Univ - www.hssu.edu Lincoln University - www.lincoln.edu Lindenwood Univ - www.lindenwood.edu Maryville Univ of St. Louis www.maryville.edu Messenger College www.messengercollege.edu Missouri Baptist Univ - www.mobap.edu Missouri College www.missouricollege.com Missouri Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu	MO University of Science & Technology www.mst.edu Missouri Western State University www.missouriwestern.edu Park University - www.park.edu Rockhurst University www.rockhurst.edu Saint Louis University www.imagine.stu.edu Sanford-Brown College www.sanford-browncollege.com Southeast MO State University www.semo.edu Southwest Baptist Univ - www.sbniv.edu Stephens College - www.stephens.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu Univ of MO – Columbia - www.missouri.edu Univ of MO – Kansas City - www.umkc.edu Univ of MO – St Louis - www.umsi.edu University of Phoenix - www.phoenix.edu Vatterott College www.vatterott-college.edu Washington University - www.wustl.edu Webster University - www.websteruniv.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	• Apprenticeship • Military • On-the-Job Training Foley-Belsaw Institute www.foley-belsaw.com Colorado Technical University www.coloradotech.com DeVry University www.drury.edu Grantham University www.grantham.edu ITT Technical Institute www.itt-tech.edu MERS/Missouri Goodwill Industries www.mersgoodwill.org Missouri Welding Institute www.nwi.ws National American University www.national.edu

Postsecondary

Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or 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 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	



University City High School
Arts, A/V Technology & Communications
Career Cluster Program of Study Template
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities		
Secondary	9	Literature & Composition I Honors Literature and Composition Academic Literacy	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	Comprehensive Physical Education Fine Arts Introduction to Journalism ◆ Computer Applications I & II	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other: Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other: Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other:		
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	Health Visual Arts Performing Arts Introduction to Journalism Broadcast Journalism Yearbook Newspaper ◆ Computer Applications I & II Multimedia ◆ Web Design	North County Tech www.northtechnical.org South County Tech www.southtechhigh.org		
	11	American Literature & Composition AP Language & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Government AP Government	Personal Finance Visual Arts Performing Arts Introduction to Journalism Broadcast Journalism Yearbook Newspaper ◆ Computer Applications I & II Multimedia ◆ Web Design			
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology		Visual Arts Performing Arts Introduction to Journalism Broadcast Journalism Yearbook Newspaper ◆ Computer Applications I & II Multimedia ◆ Web Design			

Postsecondary Offerings - For A Complete Listing, go to www.missouriconnections.org			
Community College	Technical School/Training Institution	In State	Out of State/Other
Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Linn State Technical College www.linnstate.edu Metropolitan Comm College www.mccc.edu Mineral Area College www.mineralarea.edu Moberly Area Comm College www.macc.edu Ozarks Tech Comm College www.otc.edu St. Charles Comm College www.stchas.edu St Louis Community College www.slccc.edu State Fair Community College www.sfccmo.edu Three Rivers Comm College www.trcc.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm Clinton Technical School www.clinton.k12.mo.us/ts.php Davis Hart Mexico Technical School www.mexicoschools.org Eldon Career Center www.eldoncareercenter.org Four Rivers Technical Center www.washington.k12.mo.us Franklin Tech - MSSU www.ftcjoplin.com Hannibal Career and Technical Center www.hannibal.tec.mo.us Herndon Career Center www.herndoncareercenter.com Hilliard Tech Center - www.hilliardtech.com Kirksville Area Technical Center www.kirksville.k12.mo.us Lake Career and Technical Center www.camdentonschools.org Lex La-Ray Tech Ctr - www.lexington.k12.mo.us Moberly Area Tech Ctr - www.moberly.k12.mo.us Nichols Career Center - www.jcps.k12.mo.us Perryville Area Career/Technical Center www.mineralarea.edu Ranken Technical College - www.ranken.edu Rolla Technical Institute - www.rolla.k12.mo.us Waynesville Technical Academy www.waynesville.k12.mo.us	Avila University - www.avila.edu Bryan College - www.bryancollege.com Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College - www.culver.edu DeVry University - www.devry.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Everest College www.everest-college.com Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College - www.hlg.edu Harris-Stowe State Univ - www.hssu.edu Hickey College www.hickeycollege.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Maryville Univ of St. Louis www.maryville.edu Messenger College www.messengercollege.edu Missouri Baptist Univ - www.mobap.edu Missouri College www.missouricollege.com MO Southern State Univ - www.mssu.edu Missouri State University www.missouristate.edu	• Apprenticeship • Military • On-the-Job Training American College of Technology www.acot.edu Baptist Bible College - www.baptist.edu Barizon School of Clayton www.barizonmodeling.com Broadcast Center www.broadcastcenterinfo.com Calvary Bible College and Theological Seminary - www.calvary.edu Central Bible College - www.cbccag.edu Colorado Technical University www.coloradotech.com Court Report Academy www.thecourtreportingacademy.com ITT Technical Institute www.itt-tech.edu Kansas City Art Inst - www.kcai.edu Midwestern Baptists Theological Seminary - www.mbts.edu Missouri Tech - www.motech.edu National American University www.national.edu

Sample Careers By Educational Level - For Occupational Specialties, go to www.careerclusters.org or 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 Repairs Communications Equipment Mechanics Costume and Wardrobe Specialists Dancers Fire Artists Floral Designers Movie Projectionists Musical Instrument Repairs 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 Repairs 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 Animators and Multi-media Artists Art Directors and Talent Directors Broadcast News Analysts and News Reporters Copy Writers, Technical Writers and Editors Directors-Stage, Motion Pictures, Television, and Radio Film and Video Editors Graphic Designers Industrial Designers Interpreters and Translators Multi-Media Artists and Animators Museum Technicians and Conservators Music Composers, Directors, and Arrangers Poets, Lyricists and Creative Writers Proofreaders and Copy Markers Reporters and Correspondents Set and Exhibit Designers Vocational Education Teachers, Postsecondary	Art, Drama, and Music Teachers, Postsecondary Communications Teachers, Postsecondary English Language and Literature Teachers, Postsecondary Historians Librarians



University City High School
Business Management & Administration
Career Cluster Program of Study Template
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities
Secondary	9	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	Comprehensive Physical Education Fine Arts	North County Tech www.northtechnical.org	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other:
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	Health		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	11	American Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Government AP Government	Personal Finance ◆ Computer Applications I & II ◆ Accounting I Business Management Entrepreneurship	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other: Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	◆ Computer Applications I & II ◆ Accounting I & II Business Writing Business Management Entrepreneurship Supervised Business Employment		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other:

♦ Articulated Credit * Dual Credit

Revised 1.4.16

Postsecondary Offerings – For A Complete Listing, go to www.missouriconnections.org			
Community College	Technical School/Training Institution	In State	Out of State/Other
Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Metropolitan Community College www.mccc.edu Mineral Area College www.mineralarea.edu Moberly Area Community College www.macc.edu North Central Missouri College www.ncmissouri.edu Ozarks Technical Comm. College www.etc.edu St. Charles Community College www.stches.edu St. Louis Community College www.slccc.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm Clinton Tech School www.clinton.k12.mo.us Eldon Career Center - www.eldoncareercenter.org Franklin Technology- MSSU www.ftcjoplin.com Grand River Technical School www.grts.org Hillyard Technical Center www.hillyardtech.com Kirksville Area Tech Center www.kirksville.k12.mo.us Lex La-Ray Tech Center www.lexington.k12.mo.us Moberly Area Tech Center www.moberly.k12.mo.us Northwest Tech School - www.maryville.k12.mo.us Pike-Lincoln Tech Center www.pltc.k12.mo.us Ranken Tech College - www.ranken.edu Saline County Career Center www.marshallschools.com/sccc Sikeston Career and Technology Center www.sikeston.k12.mo.us	Avila University - www.avila.edu Baptist Bible College - www.baptist.edu Bryan College - www.bryancollege.com Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccs.edu Culver-Stockton College - www.culver.edu DeVry University - www.devry.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Everest College - www.everest-college.com Fontbonne Univ. - www.fontbonne.edu Hannibal-Lagrange College - www.hlg.edu Harris-Stowe State Univ. - www.hssu.edu Hickey College - www.hickeycollege.edu Lincoln University - www.lincoln.edu Lindenwood Univ. - www.lindenwood.edu Maryville Univ of St. Louis www.maryville.edu Messenger College www.messengercollege.edu Missouri Baptist Univ. - www.mobap.edu Missouri College www.missouricollege.com MO Southern State Univ. - www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu	Apprenticeship Military On-the-Job Training Colorado Technical University www.coloradotech.com Darby School www.darbyschool.com Grantham University www.grantham.edu ITT Technical Institute www.itt-tech.edu Metro Business College www.metrobusinesscollege.edu MVC Computer & Business School www.mvcschool.com National American University www.national.edu TechSkills www.techskills.com Texas County Technical Institute www.texascountytech.edu

Postsecondary

Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org			
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



**University City High School
Education & Training
Career Cluster Program of Study Template
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center Additional Learning Opportunities
Secondary	9	Literature & Composition I Honors Literature and Composition Academic Literacy	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology World History Honors World History	Comprehensive Physical Education Fine Art ♦ Computer Applications I & II	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	US History Honors US History AP US History	Health ♦ Computer Applications I & II Nutrition & Wellness	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____ Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other: _____
	11	American Literature & Composition AP Language & Composition	Algebra II Honors Algebra II ♦ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ♦ Anatomy/Physiology Ecology	Personal Finance ♦ Computer Applications I & II Nutrition & Wellness Parenting Child Development Sociology Psychology African American Experience	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other: _____
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ♦ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ♦ Anatomy/Physiology Ecology	♦ Computer Applications I & II Nutrition & Wellness Parenting Child Development Sociology Psychology African American Experience	Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other: _____

♦ Articulated Credit ♦ Dual Credit

Revised 1.4.16

Postsecondary Offerings - For A Complete Listing, go to www.missouriconnections.org .				
Technical School/Training Institution		In State		Out of State/Other
Community College	Avila University - www.avila.edu Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Cottey College - www.cottey.edu Culver-Stockton College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College www.hlg.edu Harris-Stowe State Univ - www.hssu.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Missouri Baptist Univ - www.mobap.edu Maryville University of St. Louis www.maryville.edu Messenger College www.messengercollege.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu Missouri Valley College – www.moval.edu Missouri Western State University www.missouriwestern.edu	Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Rockhurst University www.rockhurst.edu Saint Louis Univ - www.imagine.stu.edu St Louis Christian College www.slcconline.edu Southeast MO State University www.semo.edu Southwest Baptist University www.sbuuniv.edu Stephens College - www.stephens.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu University of MO – Columbia www.missouri.edu University of MO – Kansas City www.umkc.edu University of MO – St Louis www.umsl.edu Washington University - www.wustl.edu Westminster College www.westminster-mo.edu Webster University www.websteruniv.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none">• Apprenticeship• Military• On-the-Job Training <p>Baptist Bible College & Graduate School www.baptist.edu Calvary Bible College and Theological Seminary - www.calvary.edu Colorado Technical University www.coloradotech.com Conception Seminary College www.conceptionabbey.org Grantham University www.grantham.edu National American University www.national.edu Paris II Educational Center www.parisii.net Wentworth Military Academy www.wma1880.org</p>	
Sample Careers By Educational Level - For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org				
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	

Postsecondary



University City High School
Finance
Career Cluster Program of Study Template
www.ucityschools.org

Minimum Graduation Requirements		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						SUGGESTED COURSE OF HIGH SCHOOL STUDY					
Grade	English Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities						
Secondary	9	Literature & Composition I Honors Literature and Composition Academic Literacy	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	Comprehensive Physical Education Fine Arts	North County Tech www.northtechnical.org School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other:						
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	Health ◆ Computer Applications I & II ◆ Accounting I	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other:						
	11	American Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Government AP Government	Personal Finance ◆ Computer Applications I & II ◆ Accounting I & II	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:						
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	◆ Computer Applications I & II ◆ Accounting I & II Supervised Business Employment		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other:						

♦ Articulated Credit ♦ Dual Credit

Revised 1.4.16

Postsecondary				
Postsecondary Offerings – For A Complete Listing, go to www.missouriconnections.org				
Community College	Technical School	In State		Out of State/Other
<p>Crowder College www.crowder.edu</p> <p>East Central College www.eastcentral.edu</p> <p>Jefferson College www.jeffco.edu</p> <p>Metropolitan Community College www.mccc.edu</p> <p>Moberly Area Community College www.macc.edu</p> <p>North Central Missouri College www.ncmissouri.edu</p> <p>Ozarks Technical Comm College www.otc.edu</p> <p>St Louis Community College www.stlcc.edu</p> <p>St. Charles Community College www.stchas.edu</p> <p>State Fair Community College www.sfccmo.edu</p> <p>Three Rivers Community College www.trcc.edu</p>	<p>Avila University - www.avila.edu</p> <p>Central Methodist University www.centralmethodist.edu</p> <p>Columbia College - www.ccls.edu</p> <p>College of the Ozarks - www.coto.edu</p> <p>Culver-Stockton College www.culver.edu</p> <p>DeVry University – www.devry.edu</p> <p>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Everest College www.everest-college.com</p> <p>Fontbonne Univ - www.fontbonne.edu</p> <p>Hannibal-Lagrange College www.hlc.edu</p> <p>Hickey College - www.hickeycollege.edu</p> <p>Lincoln University - www.lincolnu.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville University of St. Louis www.maryville.edu</p> <p>Missouri College www.missouricollege.com</p> <p>MO Southern State University www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri Valley College www.moval.edu</p> <p>Missouri Western State University www.missouriwestern.edu</p>	<p>Northwest Missouri State University www.nwmissouri.edu</p> <p>Park University - www.park.edu</p> <p>Rockhurst University www.rockhurst.edu</p> <p>Saint Louis University www.imagine.stu.edu</p> <p>Southeast MO State University www.semo.edu</p> <p>Stephens College - www.stephens.edu</p> <p>Truman State Univ - www.truman.edu</p> <p>Univ of Central MO - www.ucmo.edu</p> <p>Univ of MO – Columbia www.missouri.edu</p> <p>University of MO – Kansas City www.umkc.edu</p> <p>Univ of MO – Rolla - www.umr.edu</p> <p>Univ of MO – St Louis - www.umsi.edu</p> <p>Washington University - www.wustl.edu</p> <p>Webster University - www.websteruniv.edu</p> <p>Westminster College www.westminster-mo.edu</p> <p>William Jewell College - www.jewell.edu</p> <p>William Woods University www.williamwoods.edu</p> <p>Vatterott College www.vatterott-college.edu</p>	<ul style="list-style-type: none">• Apprenticeship• Military• On-the-Job Training <p>Colorado Technical University www.coloradotech.com</p> <p>National American University www.national.edu</p>	
Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org				
On-the-Job Training	Technical or Associate Degree	Bachelors Degree	Masters Degree or More	
<p>Bank Tellers</p> <p>Bill and Account Collectors</p> <p>Brokerage Clerks</p> <p>Credit Checkers and Authorizers</p> <p>Insurance Adjusters and Examiners</p> <p>Insurance Claims Clerk</p> <p>Insurance Policy and Claims Clerks</p> <p>Loan Clerks</p> <p>Tax Preparers</p> <p>Title Examiners and Searchers</p>	<p>Claims Examiners, Property and Casualty Insurance</p> <p>Insurance Appraisers, Auto Damage</p> <p>Insurance Sales Agents</p> <p>Insurance Underwriters</p>	<p>Accountants and Auditors</p> <p>Appraisers and Assessors</p> <p>Budget Analysts</p> <p>Credit Analysts</p> <p>Financial Analysts</p> <p>Financial Examiners</p> <p>Financial Managers</p> <p>Insurance Agents</p> <p>Insurance Underwriters</p> <p>Loan Officers</p> <p>Securities Salespeople</p>	<p>Actuaries</p> <p>Business Teacher, Postsecondary</p> <p>Economists</p> <p>Treasurers and Controllers</p>	

Postsecondary

Secondary

Postsecondary				
Postsecondary Offerings – For A Complete Listing, go to www.missouriconnections.org				
Community College	Technical School/Training Institution	In State		Out of State/Other
Crowder College www.crowder.edu East Central College www.eastcentral.edu Moberly Area Community College www.macc.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm Clinton Technical School www.ed2go.com/cts Franklin Technology – MSSU www.ftcopolin.com Grand River Technical School www.grts.org Hillyard Technical Center www.hillyardtech.com Lex La-Ray Technical Center www.lexington.k12.mo.us Moberly Area Technical Center www.moberly.k12.mo.us Pike-Lincoln Technical Center http://pltc.k12.mo.us Saline County Career Center www.marshallschools.com/sccc Sikeston Career & Technology Center www.sikeston.k12.mo.us	Avila University www.avila.edu Central Methodist University www.centralmethodist.edu College of the Ozarks www.cofo.edu Columbia College www.ccis.edu Culver-Stockton College www.culver.edu Drury University www.drury.edu Evangel University www.evangel.edu Everest College www.everest-college.edu Fontbonne University www.fontbonne.edu Harris-Stowe State University www.hssu.edu Lincoln University www.lincolnu.edu Lindenwood University www.lindenwood.edu Maryville University of Saint Louis www.maryville.edu Missouri Baptist University www.mobap.edu Missouri Southern State University www.mssu.edu Missouri State University www.missouristate.edu	Missouri Valley College www.mval.edu Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu Park University www.park.edu Rockhurst University www.rockhurst.edu Saint Louis University www.imagine.slu.edu Southeast MO State University www.semo.edu Southwest Baptist University www.sbu.edu Stephens College www.stephens.edu Truman State University www.truman.edu University of Central Missouri www.ucmo.edu University of MO – Columbia www.missouri.edu University of Missouri – Kansas City www.umkc.edu University of MO – St Louis www.umsl.edu Washington University www.wustl.edu Webster University www.webster.edu	<ul style="list-style-type: none">• Apprenticeship• Military• On-the-Job Training ITT Technical Institute www.it-tech.edu Kansas City Art Institute www.kcai.edu National American University www.national.edu
Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or 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	



University City High School
Health Sciences
Career Cluster Program of Study Template
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities
Secondary	9	Literature & Composition I Honors Literature and Composition Academic Literacy	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	Comprehensive Physical Education Fine Arts Personal Fitness	North County Tech www.northtechnical.org South County Tech www.southtechhigh.org School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other:
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	Health Personal Fitness Nutrition & Wellness	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other:
	11	American Literature & Composition AP Language & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Government AP Government	Personal Finance Personal Fitness Nutrition & Wellness ★ Anatomy & Physiology Parenting Child Development I	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Personal Fitness Nutrition & Wellness ★ Anatomy & Physiology Parenting Child Development I	Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other:	

◆ Articulated Credit * Dual Credit

Revised 1.4.16

Postsecondary Offerings - For A Complete Listing, go to www.missouriconnections.org .			
Community College	Technical School/Training Institution	In State	Out of State/Other
Crowder College www.crowder.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm	Missouri Valley College - www.moval.edu	• Apprenticeship
East Central College www.eastcentral.edu	Cass Career Center www.harrisonville.k12.mo.us	Missouri Western State University www.missouriwestern.edu	• Military
Jefferson College www.jeffco.edu	Columbia Career Center www.career-center.org	Northwest Missouri State University www.nwmissouri.edu	• On-the-Job Training
Metropolitan Comm College www.mccckc.edu	Four Rivers Technical Center www.washington.k12.mo.us	Park University - www.park.edu	Allied College - www.hightechinstitute.edu
Mineral Area College www.mineralarea.edu	Franklin Tech - MSSU www.ftcicpln.com	Patricia Stevens College www.patriciastevenscollege.edu	Barnes-Jewish College of Nursing & Allied Health - www.barnesjewishcollege.edu
Moberly Area Comm College www.macc.edu	Grand River Tech School - www.grts.org	Rockhurst University - www.rockhurst.edu	Cleveland Chiropractic College www.cleveland.edu
North Central MO College www.ncmissouri.edu	Herndon Career Center www.herdoncareercenter.com	Saint Louis Univ - www.imagine.stu.edu	Colorado Tech Univ www.coloradotech.com
Ozarks Tech Comm College www.otc.edu	Hilliard Technical Center www.hillyardtech.com	Sanford-Brown College www.sanford-browncollege.com	Cox Health - www.coxhealth.com
St. Charles Comm College www.stchas.edu	Kennett Career and Technology Center www.kennett.k12.mo.us	Southwest Baptist Univ - www.sbu.edu	Chamberlain College of Nursing www.chamberlain.edu
St Louis Community College www.slcc.edu	Lex La-Ray Tech Ctr - www.lexington.k12.mo.us	Stephens College - www.stephens.edu	Heritage Coll - www.heritage-college.com
State Fair Community College www.sfccmo.edu	Moberly Area Tech Center www.moberly.k12.mo.us	Truman State Univ - www.truman.edu	Cox College of Nursing & Health Science www.coxcollege.edu
Three Rivers Comm College www.trcc.edu	Northland Career Center www.northlandcareercenter.com	Univ of Central MO - www.ucmo.edu	Logan Coll of Chiropractic - www.logan.edu
	Northwest Tech School - www.maryville.k12.mo.us	Univ of MO - Columbia - www.missouri.edu	Lutheran School of Nursing www.nursingschoolslmc.com
	Poplar Bluff Schools - www.r1schools.org	Univ of MO - Kansas City www.umkc.edu	Kansas City Univ of Med & Biosciences - www.kcumb.edu
	Sikeston Career and Technology Center www.sikeston.k12.mo.us	Univ of MO - St Louis - www.umsi.edu	Research Med Ctr School of Nuclear Med www.researchmedicalcenter.com
	South Central Career Center www.wphs.k12.mo.us	Univ of Phoenix - www.phoenix.edu	St John's Reg Health Ctr - www.stjohns.com
	Waynesville Technical Academy www.waynesville.k12.mo.us	Vatterott College www.vatterott-college.edu	Saint Luke's College - www.saint-lukes.org
		Washington University - www.wustl.edu	St Louis College of Health Careers www.slchc.com
		Webster University - www.websteruniv.edu	St Louis Coll Pharmacy - www.stlccop.edu
		William Jewell College - www.jewell.edu	Southwest MO Hospital College of Nursing www.southeastmissourihospital.com
		William Woods University www.williamwoods.edu	Truman Med Ctr School - Nurse Anesthesia www.truman.edu

Postsecondary

Sample Careers By Educational Level - For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org			
On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More
Dental Assistants	Cardiovascular Technologists	Administrative Services Managers	Athletic Trainers, Physical and Occupational Therapists
Dental Laboratory Technicians	Dental Hygienists	Athletic Trainers	Biologists, Physicists, Hydrologists, Epidemiologists
Home Health Aides	Emergency Medical Technicians	Biomedical Engineers	Clinical Psychologists and Mental Health Counselors
Medical Appliance Technicians	Health Information Technicians	Computer Programmers	Computer and Information Scientists, Research
Medical Assistants	Licensed Practical Nurses	Computer Software Engineers, Applications	Dietitians and Nutritionists
Medical Equipment Preparers	Medical Laboratory Technicians	Dietitians	Farm and Home Management Advisors
Medical Secretaries	Medical Sonographers	Health Educators	Health Specialties Teachers, Postsecondary
Personal and Home Care Aides	Medical Transcriptionists	Medical and Clinical Laboratory Technologists	Home Economics Teachers, Postsecondary
Pharmacy Aides	Nursing Assistants	Medical Laboratory Technologists	Medical and Health Services Managers
Pharmacy Technicians	Occupational Therapist Assistants	Medical Laboratory Technologists	Medical Scientists, Except Epidemiologists
Physical Therapist Aides	Physical Therapist Assistants	Occupational Health and Safety Specialists	Natural Sciences Mgrs, Zoologists and Wildlife Biologists
Psychiatric Aides	Radiation Therapists	Orthotic and Prosthetic Specialists	Nurse Anesthetists and Physician Assistants
	Registered Nurses	Petroleum Engineers	Orthotics and Prosthetics
	Respiratory Therapists	Public Relations Specialists	Pharmacists
	Surgical Technologists	Recreational Therapists	Speech-Language Pathologists
	Veterinary Technologists and Technicians	Rehabilitation Counselors	Communications Teachers, Postsecondary
			Veterinarians



University City High School
Hospitality & Tourism
Career Cluster Program of Study Template
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities	
Secondary	9	Literature & Composition I Honors Literature and Composition Academic Literacy	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	Comprehensive Physical Education Fine Arts General Foods I & II Baking and Pastry	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____ Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____ Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other: _____	
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	Health General Foods I & II Baking & Pastry Nutrition & Wellness Entrepreneurship	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other: _____ Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other: _____	
	11	American Literature & Composition AP Language & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Government AP Government	Personal Finance General Foods I & II Baking & Pastry Nutrition & Wellness Entrepreneurship Culinary Arts I (Pro Start I)		
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	General Foods I & II Baking & Pastry Nutrition and Wellness Entrepreneurship Culinary Arts I (Pro Start I) Culinary Arts II (Pro Start II)			

Postsecondary Offerings - For A Complete Listing, go to www.missouriconnections.org				
Community College	Technical School/Training Institution	In State		Out of State/Other
Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Metropolitan Community College www.mccc.edu Mineral Area College www.mineralarea.edu Ozarks Tech Community College www.etc.edu St Louis Community College www.slcc.edu Three Rivers Community College www.trcc.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm Gibson Technical Center www.wolves.k12.mo.us/gtc Lake Career and Technical Center www.camdentonschools.org Lebanon Technology Career Center www.lebanon.k12.mo.us Macon Area Vocational Technical School www.macon.k12.mo.us/vocational Northland Career Center www.northlandcareercenter.com Northwest Tech School - www.maryville.k12.mo.us Nevada Regional Technical Center www.nevada.k12.mo.us Pemiscot County Career & Tech Ctr South Central Career Center www.wphs.k12.mo.us Waynesville Technical Academy www.waynesville.k12.mo.us	Avila University - www.avila.edu Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccls.edu Culver-Stockton College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Fontbonne Univ - www.fontbonne.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Missouri Baptist Univ - www.mobap.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri Valley College www.moval.edu Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu	Park University - www.park.edu Rockhurst University - www.rockhurst.edu Saint Louis Univ - www.imagine.stu.edu Southeast MO State Univ - www.semo.edu Southwest Baptist Univ - www.sbuuniv.edu Stephens College - www.stephens.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu University of MO - Columbia www.missouri.edu Univ of MO - Kansas City www.umkc.edu Univ of MO - St Louis - www.umsf.edu Washington University - www.wustl.edu Webster University www.websteruniv.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none">ApprenticeshipMilitaryOn-the-Job Training Kansas City Art Institute www.kcai.edu Lecole Culinaire www.lecoleculinaire.com Midwestern Baptist Theological Seminary - www.mbtts.edu
Sample Careers By Educational Level - For Occupational Specialties, go to www.careerclusters.org or 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 Barenders Casino Gaming Workers Chefs and Dinner Cooks Concierges Counter Attendants Fast Food Cooks Food Preparation Workers Hotel Desk Clerks Janitors and Cleaners Kitchen Helpers Majds 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	



University City High School
Human Services
Career Cluster Program of Study Template
www.ucityschools.org

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						It is suggested that stuents consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.
Grade	English Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities	
Secondary	9	Literature & Composition I Honors Literature and Composition Academic Literacy	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	Comprehensive Physical Education Fine Arts Personal Fitness Nutrition & Wellness Fashion	North County Tech www.northtechnical.org South County Tech www.southtechhigh.org School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other: Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other: Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other:	
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	Health Nutrition & Wellness Fashion		
	11	American Literature & Composition AP Language & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Government AP Government	Personal Finance Nutrition & Wellness Parenting Child Development I Fashion Entrepreneurship		
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Nutrition & Wellness Parenting Child Development I Fashion Entrepreneurship			

◆ Articulated Credit ★ Dual Credit

Revised 1.4.16

Postsecondary Offerings - For A Complete Listing, go to www.missouriconnections.org				
Community College	Technical School/Training Institution	In State		Out of State/Other
Crowder College www.crowder.edu East Central College www.eastcentral.edu St Louis Community College www.slcc.edu	Colorado Technical University www.coloradotech.com Davis Hart Career Center www.mexicoschools.net Herndon Career Center www.herndoncareercenter.com Heritage Tech Institute www.hightechinstitute.edu Massage Therapy Training Institute www.massagetherapytraininginstitute.com Midwest Institute www.midwestinstitute.com Neosho Beauty College www.neosho.edu Paris II Educational Center - www.parisii.net Patsy & Robs Academy of Beauty www.praob.edu Pinnacle Career Institute www.pcittraining.edu Professional Massage Training Center www.pmtc.edu Regency Beauty Institute www.regencybeauty.com St Charles School of Massage Therapy www.dayspaacademy.net	Allied College - www.alliedcollege.edu Avila University - www.avila.edu Central Bible College – www.cbccag.edu Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccls.edu Conception Seminary College www.conceptionabbey.org Culver-Stockton College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College www.hlg.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Maryville University of St. Louis www.maryville.edu Messenger College www.messengercollege.edu Metro Business College www.metrobusinesscollege.edu Midwest University - www.midwest.edu Missouri Baptist Univ - www.mobap.edu Missouri College www.missouricollege.com Missouri College of Cosmetology www.missouricosmo.com MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri Valley College www.moval.edu	Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu Ozark Christian College - www.occ.edu Park University - www.park.edu Rockhurst University www.rockhurst.edu Saint Louis Christian College www.slccoln.edu St Louis College of Health Careers www.slchc.com Saint Louis Univ - www.imagine.stu.edu Sanford-Brown College www.sanford-browncollege.com Southeast MO State University www.semo.edu Southwest Baptist University www.sbu.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu University of MO – Columbia www.missouri.edu University of MO – Kansas City www.umkc.edu Univ of MO – St Louis - www.ums1.edu Vatterott College www.vatterott-college.edu Washington University - www.wustl.edu Webster University - www.websteruniv.edu Westminster College www.westminster-mo.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none">• Apprenticeship• Military• On-the-Job Training <p>Aquinas Institute of Theology www.ai.edu Assemblies of God Theological Seminary - www.agts.edu Calvary Bible College & Theological Seminary - www.calvary.edu Chillicothe Beauty Academy www.chillicothebeautyacademy.com Concordia Seminary - www.csl.edu Cosmetology Concepts Institute www.cosmetology-concepts.com Covenant Theological Seminary www.covenantseminary.edu Eden Theological Seminary www.eden.edu Elaine Steven Beauty College www.elainestevenbeautycollege.com Grabber School of Hair Design www.grabberschool.com House of Heavlin Beauty College www.hc-hair.com Independence College of Cosmetology www.hair-skin-nails.com Kenrick Glennon Seminary www.kenrick.edu Merrell University of Beauty Arts & Science - www.merrelluniversity.edu Midwestern Baptist Theological Seminary - www.mbts.edu Nazarene Theological Seminary www.nts.edu St Paul School of Theology www.spsst.edu</p>

Postsecondary

Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org				
On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
<p>Child Care Workers</p> <p>Customer Service Representatives</p> <p>Funeral Attendants</p> <p>Laundry and Dry Cleaning Workers</p> <p>Lifeguards and Other Recreational Protective Service Workers</p> <p>Residential Counselors</p> <p>Social and Human Service Assistants</p>	<p>Barbers</p> <p>Embalmers and Funeral Director</p> <p>Government Programs</p> <p>Hairstylists and Cosmetologists</p> <p>Manicurists</p> <p>Preschool Teacher</p> <p>Professional Makeup Artists</p> <p>Residential Advisors</p> <p>Skin Care Specialists</p> <p>Social and Human Service Assistants</p>	<p>Addition Counselors</p> <p>Director, Religious Activities and Education</p> <p>Early Childhood Educator</p> <p>Financial Counselors</p> <p>Health Educators</p> <p>Recreation Workers</p> <p>Rehabilitation Counselors</p> <p>Social and Community Service Manager</p> <p>Social Workers</p>	<p>Clergy</p> <p>Industrial-Organizational Psychologists</p> <p>Marriage and Family Therapists</p> <p>Mental Health Counselors</p> <p>Psychologists</p> <p>Rehabilitation Counselors</p> <p>School Counselors</p> <p>Social Workers</p> <p>Substance Abuse and Behavioral Disorder Counselors</p> <p>Teachers, Postsecondary</p>	



University City High School
Information Technology
Career Cluster Program of Study Template
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities
Secondary	9	Literature & Composition I Honors Literature and Composition Academic Literacy	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	Comprehensive Physical Education Fine Arts ♦ Computer Applications I & II	North County Tech www.northtechnical.org South County Tech www.southtechhigh.org School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other:
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	Health ♦ Computer Applications I & II	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other:
	11	American Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ♦ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ♦ Anatomy/Physiology Ecology	Government AP Government	Personal Finance ♦ Computer Applications I & II Computer Programming Multimedia ♦ Web Design	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other: Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other:
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ♦ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ♦ Anatomy/Physiology Ecology	♦ Computer Applications I & II Computer Programming Multimedia ♦ Web Design Supervised Business Employment		

Postsecondary Offerings – For A Complete Listing, go to www.missouriconnections.org				
Community College	Technical School/Training Institution	In State	Out of State/Other	
<p>Crowder College www.crowder.edu</p> <p>East Central College www.eastcentral.edu</p> <p>Jefferson College www.jeffco.edu</p> <p>Linn State Technical College www.linnstate.edu</p> <p>Metropolitan Community College www.mccc.edu</p> <p>Mineral Area College www.mineralarea.edu</p> <p>Moberly Area Community College www.macc.edu</p> <p>North Central Missouri College www.ncmissouri.edu</p> <p>Ozarks Technical Comm College www.otc.edu</p> <p>St. Charles Community College www.stchas.edu</p> <p>St. Louis Community College www.slcc.edu</p> <p>State Fair Community College www.sfccmo.edu</p> <p>Three Rivers Community College www.trcc.edu</p>	<p>Davis Hart Career Center www.mexicoschools.net</p> <p>Herndon Career Center www.herndoncareercenter.com</p> <p>Kirkville Area Tech Center www.kirkville.k12.mo.us</p> <p>Waynesville Technical Academy www.waynesville.k12.mo.us</p>	<p>A.T. Skill University of Health Sciences www.atsu.edu</p> <p>Avila University - www.avila.edu</p> <p>Bryan College - www.bryancollege.com</p> <p>Central Methodist University www.centralmethodist.edu</p> <p>College of the Ozarks - www.coto.edu</p> <p>Columbia College - www.ccis.edu</p> <p>Culver-Stockton College - www.culver.edu</p> <p>DeVry University - www.devry.edu</p> <p>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Everest College www.everest-college.com</p> <p>Fontbonne Univ - www.fontbonne.edu</p> <p>Hannibal-Lagrange College www.hlc.edu</p> <p>Harris-Stowe State Univ - www.hssu.edu</p> <p>Hickey College - www.hickeycollege.edu</p> <p>Lincoln University - www.lincoln.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville Univ of St. Louis www.maryville.edu</p> <p>Missouri Baptist Univ - www.mobap.edu</p> <p>Missouri College www.missouricollege.com</p> <p>MO Southern State University www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri State University – West Plains www.wp.missouristate.edu</p> <p>Missouri Valley College www.moval.edu</p>	<p>Missouri Western State University www.missouriwestern.edu</p> <p>Northwest Missouri State University www.nwmissouri.edu</p> <p>Park University - www.park.edu</p> <p>Rockhurst University - www.rockhurst.edu</p> <p>Saint Louis University www.imagine.stu.edu</p> <p>Sanford-Brown College www.sanford-browncollege.com</p> <p>Southeast MO State University www.semo.edu</p> <p>Southwest Baptist University www.sbu.edu</p> <p>Truman State Univ - www.truman.edu</p> <p>Univ of Central MO - www.ucmo.edu</p> <p>University of MO – Columbia www.missouri.edu</p> <p>University of MO – Kansas City www.umkc.edu</p> <p>Univ of MO – Rolla – www.UMR.edu</p> <p>Univ of MO – St. Louis - www.umsf.edu</p> <p>Univ of Phoenix – www.phoenix.edu</p> <p>Vatterott College www.vatterott-college.edu</p> <p>Washington University - www.wustl.edu</p> <p>Webster University www.websteruniv.edu</p> <p>Westminster College www.westminster-mo.edu</p> <p>William Jewell College - www.jewell.edu</p> <p>William Woods University www.williamwoods.edu</p>	<ul style="list-style-type: none"> • Apprenticeship • Military • On-the-Job Training <p>Colorado Technical University www.coloradotech.com</p> <p>Grantham University www.grantham.edu</p> <p>ITT Technical Institute www.itt-tech.edu</p> <p>Kansas City Art Institute www.kcai.edu</p> <p>Midwest Institute www.midwestinstitute.com</p> <p>Missouri Tech www.motech.edu</p> <p>National American University www.national.edu</p> <p>Pinnacle Career Institute www.pctraining.edu</p> <p>Texas County Technical Institute www.texascountytech.edu</p>

Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org				
On-the-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
<p>Computer Operators</p> <p>Computer Support Specialists</p> <p>Network Systems and Data Communications Analysts</p> <p>Numerical Tool and Process Control Programmers</p> <p>Web Administrators</p> <p>Web Developers</p>	<p>Computer and Information Systems Managers</p> <p>Computer Engineers</p> <p>Computer Programmers</p> <p>Computer Security Specialists</p> <p>Computer Software Engineers</p> <p>Computer Systems Administrators</p> <p>Computer Systems Analysts</p> <p>Data Communications analysts</p> <p>Database Administrators</p> <p>Graphic Designers</p> <p>Multi-Media Artists and Animators</p> <p>Network and Computer Systems Administrators</p> <p>Software Quality Assurance Engineers and Testers</p>	<p>Computer and Information Systems Managers</p> <p>Computer Science Teachers, Postsecondary</p> <p>Engineering Managers</p>	<p>Computer and Information Scientists, Research</p> <p>Computer Science Teachers, Postsecondary</p> <p>Engineering Managers</p>	



University City High School
Law, Public Safety, Corrections & Security
Career Cluster Program of Study Template
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities
Secondary	9	Literature & Composition I Honors Literature and Composition Academic Literacy	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	North County Tech www.northtechnical.org South County Tech www.southtechhigh.org	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____ Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____ Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other: _____ Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other: _____ Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other: _____
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	Health	
	11	American Literature & Composition AP Language & Composition	Algebra II Honors Algebra II * College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab * Anatomy/Physiology Ecology	Government AP Government	Personal Finance Law & You Psychology Sociology	
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II * College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab * Anatomy/Physiology Ecology	Law & You Psychology Sociology		

♦ Articulated Credit * Dual Credit

Revised 1.4.16

Postsecondary Offerings - For A Complete Listing, go to www.missouriconnections.org				
Community College	Technical School/Training Institution	In State		Out of State/Other
<p>Crowder College www.crowder.edu</p> <p>East Central College www.eastcentral.edu</p> <p>Jefferson College www.jeffco.edu</p> <p>Linn State Technical College www.linnstate.edu</p> <p>Metropolitan Community College www.mccc.edu</p> <p>Mineral Area College www.mineralarea.edu</p> <p>Moberly Area Community College www.macc.edu</p> <p>North Central MO College www.ncmissouri.edu</p> <p>Ozarks Tech Community College www.otc.edu</p> <p>St. Charles Community College www.stchas.edu</p> <p>St. Louis Community College www.slcc.edu</p> <p>State Fair Community College www.stfccmo.edu</p> <p>Three Rivers Community College www.trcc.edu</p>	<p>Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm</p> <p>Columbia Career Center www.career-center.org</p> <p>Grand River Tech School - www.grts.org</p> <p>Hillyard Technical Center www.hillyardtech.com</p> <p>Rolla Technical Institute www.rolla.k12.mo.us</p> <p>Sikeston Career and Technology Center www.sikeston.k12.mo.us</p> <p>Waynesville Technical Academy www.waynesville.k12.mo.us</p>	<p>Avila University - www.avila.edu</p> <p>College of the Ozarks - www.coto.edu</p> <p>Columbia College - www.ccls.edu</p> <p>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Everest College www.everest-college.com</p> <p>Hannibal-Lagrange College www.hlg.edu</p> <p>Hickey College www.hickeycollege.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville University of St. Louis www.maryville.edu</p> <p>MO Southern State University www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri State University - West Plains www.wpl.missouristate.edu</p> <p>Missouri Western State University www.missouriwestern.edu</p>	<p>Park University - www.park.edu</p> <p>Patricia Stevens College www.patriciastevenscollege.edu</p> <p>Rockhurst University www.rockhurst.edu</p> <p>Saint Louis Univ - www.imagine.stu.edu</p> <p>Sanford-Brown College www.sanford-browncollege.com</p> <p>Southeast MO State University www.semo.edu</p> <p>Southwest Baptist University www.sbu.edu</p> <p>Univ of Central MO - www.ucmo.edu</p> <p>University of MO - Columbia www.missouri.edu</p> <p>University of MO - Kansas City www.umkc.edu</p> <p>Univ of MO - St. Louis - www.umsf.edu</p> <p>Univ of Phoenix - www.phoenix.edu</p> <p>Vatterott College www.vatterott-college.edu</p> <p>Washington University - www.wustl.edu</p> <p>Webster University - www.websteruniv.edu</p> <p>William Woods University www.williamwoods.edu</p>	<ul style="list-style-type: none"> • Apprenticeship • Military • On-the-Job Training <p>Allied College www.alliedcollege.edu</p> <p>High Tech Institute www.hightechinstitute.edu</p> <p>National American University www.national.edu</p> <p>Texas County Technical Institute www.texascountytech.edu</p>
Sample Careers By Educational Level - For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org				
On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
<p>Ambulance Drivers</p> <p>Animal Control Workers</p> <p>Bailiffs</p> <p>Corrections Officers</p> <p>Court Clerks</p> <p>Crossing Guards</p> <p>Fire Fighters</p> <p>Forest Fire Fighters</p> <p>Gaming Surveillance Officers and Gaming Investigators</p> <p>Life Guards and Ski Patrolers</p> <p>Parking Enforcement Officers</p> <p>Parking Enforcement Workers</p> <p>Police, Fire, and Ambulance Dispatchers</p> <p>Security Guards</p> <p>Sheriffs</p> <p>Transportation Security Agents</p>	<p>Correctional Officers and Jailers</p> <p>Court Reporters</p> <p>Emergency Medical Technicians and Paramedics</p> <p>Fire Inspectors</p> <p>Fire Investigators</p> <p>First-Line Supervisors/Managers of Police and Detectives</p> <p>Forest Fire Fighting and Prevention Supervisors</p> <p>Forest Fire Inspectors and Prevention Specialists</p> <p>Legal Secretaries</p> <p>Municipal Fire Fighting and Prevention Supervisors</p> <p>Paralegals and Legal Assistants</p> <p>Police Detectives</p> <p>Police Identification and Records Officers</p> <p>Police Patrol Officers</p> <p>Private Detectives and Investigators</p> <p>Sheriffs and Deputy Sheriffs</p> <p>Title Examiners, Abstractors, and Searchers</p> <p>Transit and Railroad Police</p>	<p>Arbitrators and Mediators</p> <p>Coroners</p> <p>Correctional Treatment Specialists</p> <p>Criminal Investigators and Special Agents</p> <p>Emergency Management Specialists</p> <p>Forensic Science Technicians</p> <p>Immigration and Customs Inspectors</p> <p>Judges and Hearing Officers</p> <p>Law Clerks</p> <p>Probation Officers</p>	<p>Anthropology and Archeology Teachers, Postsecondary</p> <p>Child, Family, and School Social Workers</p> <p>Criminal Justice and Law Enforcement Teachers, Postsecondary</p> <p>Lawyer</p> <p>Psychology Teachers, Postsecondary</p>	



University City High School
Manufacturing
Career Cluster Program of Study Template
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities	
Secondary	9	Literature & Composition I Honors Literature and Composition Academic Literacy	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	Comprehensive Physical Education Fine Arts	North County Tech www.northtechnical.org South County Tech www.southtechhigh.org School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other: Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other: Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other:	
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	Health		
	11	American Literature & Composition AP Language & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Government AP Government	Personal Finance		
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology				

Postsecondary Offerings – For A Complete Listing, go to www.missouriconnections.org				
Community College	Technical School/Training Institution	In State		Out of State/Other
Crowder College www.crowder.edu Jefferson College www.jeffco.edu Linn State Technical College www.linnstate.edu Metropolitan Community College www.mccc.edu Mineral Area College www.mineralarea.edu North Central Missouri College www.ncmissouri.edu Ozarks Technical Comm College www.otc.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu	Carrollton Area Career Center www.trojans.k12.mo.us Eldon Career Center www.eldoncareercenter.org Grand River Technical School www.grts.org Herndon Career Center www.herndoncareercenter.com Hillyard Technical Center www.hillyardtech.com Lamar Area Vo Tech www.lamar.k12.mo.us Lex La-Ray Tech Center www.lexington.k12.mo.us Kirksville Area Tech Center www.kirksville.k12.mo.us North Central Career Center www.shr2.k12.mo.us Northland Career Center www.northlandcareercenter.com Northwest Tech School www.maryville.k12.mo.us Perryville Area Career/Tech Center www.perryville.k12.mo.us Ranken Tech College - www.ranken.edu South Central Career Center www.wphs.k12.mo.us Southwest Area Career Center www.swacc.k12.mo.us	Avila University - www.avila.edu Baptist Bible College - www.baptist.edu Bryan College - www.bryancollege.com Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College - www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Everest College www.everest-college.edu Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College - www.hlg.edu Harris-Stowe State Univ - www.hssu.edu Hickey College www.hickeycollege.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Maryville Univ of St. Louis www.maryville.edu Messenger College www.messengercollege.edu Missouri Baptist Univ - www.mobap.edu Missouri College - www.missouricollege.com MO Southern State Univ - www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu	MO University of Science & Technology www.mst.edu Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Rockhurst University - www.rockhurst.edu Saint Louis University www.imagine.stu.edu Sanford-Brown College www.sanford-browncollege.com Southeast MO State Univ - www.semo.edu Southwest Baptist Univ - www.sbu.edu Stephens College - www.stephens.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu Univ of MO – Columbia - www.missouri.edu Univ of MO – Kansas City www.umkc.edu Univ of MO – St Louis - www.umsl.edu University of Phoenix - www.phoenix.edu Vatterott College - www.vatterott-college.edu Washington University - www.wustl.edu Webster University - www.websteruniv.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	• Apprenticeship • Military • On-the-Job Training Colorado Technical University www.coloradotech.com DeVry University www.drury.edu Foley-Belsaw Institute www.foley-belsaw.com Grantham University www.grantham.edu ITT Technical Institute www.itt-tech.edu National American University www.national.edu Texas County Technical Institute www.texascountytech.edu

Postsecondary

Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or 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 Repairs Electric Motor Repairs Home Electronics Repairs Industrial Electronics Repairs 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		



University City High School
Marketing
Career Cluster Program of Study Template
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities	
Secondary	9	Literature & Composition I Honors Literature and Composition Academic Literacy	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	North County Tech www.northtechnical.org	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____	
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	Health	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____	
	11	American Literature & Composition AP Language & Composition	Algebra II Honors Algebra II * College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab * Anatomy/Physiology Ecology	Government AP Government	Personal Finance Fundamentals of Marketing Sports & Entertainment Marketing Entrepreneurship	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other: _____	
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II * College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab * Anatomy/Physiology Ecology	Fundamentals of Marketing Sports & Entertainment Marketing Entrepreneurship Supervised Business Employment		Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other: _____	Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other: _____

◆ Articulated Credit * Dual Credit

Revised 1.4.16

Postsecondary Offerings – For A Complete Listing, go to www.missouriconnections.org				
Community College	Technical School/Training Institution	In State		Out of State/Other
<p>East Central College www.eastcentral.edu</p> <p>Crowder College www.crowder.edu</p> <p>Jefferson College www.jeffco.edu</p> <p>Metropolitan Community College www.mccc.edu</p> <p>Mineral Area College www.mineralarea.edu</p> <p>Moberly Area Community College www.macc.edu</p> <p>North Central Missouri College www.ncmissouri.edu</p> <p>Ozarks Technical Comm. College www.otc.edu</p> <p>St. Charles Community College www.stchas.edu</p> <p>St. Louis Community College www.stlcc.edu</p> <p>State Fair Community College www.sfccmo.edu</p> <p>Three Rivers Community College www.trcc.edu</p>	<p>Eldon Career Center - www.eldoncareercenter.org</p> <p>Hannibal Career and Technical Center www.hannibaltec.mo.us</p> <p>Waynesville Technical Academy www.waynesville.k12.mo.us</p> <p>Northwest Tech School www.maryville.k12.mo.us</p> <p>Rankin Tech College - www.ranken.edu</p>	<p>Avila University - www.avila.edu</p> <p>Baptist Bible College - www.baptist.edu</p> <p>Bryan College - www.bryancollege.com</p> <p>Central Methodist University www.centralmethodist.edu</p> <p>College of the Ozarks - www.coto.edu</p> <p>Columbia College - www.ccls.edu</p> <p>Culver-Stockton College www.culver.edu</p> <p>DeVry University – www.devry.edu</p> <p>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Everest College www.everest-college.com</p> <p>Fontbonne Univ - www.fontbonne.edu</p> <p>Hannibal-Lagrange College www.hlg.edu</p> <p>Harris-Stowe State Univ - www.hssu.edu</p> <p>Lincoln University - www.lincolnu.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville University of St. Louis www.maryville.edu</p> <p>Messenger College www.messengercollege.edu</p> <p>Missouri Baptist Univ - www.mobap.edu</p> <p>Missouri College www.missouricollege.com</p> <p>MO Southern State University www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri State University – West Plains www.wip.missouristate.edu</p> <p>Missouri Valley College www.moval.edu</p>	<p>Missouri Western State University www.missouriwestern.edu</p> <p>Northwest Missouri State University www.nwmissouri.edu</p> <p>Park University - www.park.edu</p> <p>Patricia Stevens College www.patriciastevenscollege.edu</p> <p>Rockhurst University - www.rockhurst.edu</p> <p>Saint Louis University www.imagine.stu.edu</p> <p>Sanford-Brown College www.sanford-browncollege.com</p> <p>Southeast MO State Univ - www.semo.edu</p> <p>Southwest Baptist Univ - www.sbuiv.edu</p> <p>Stephens College - www.stephens.edu</p> <p>Truman State Univ - www.truman.edu</p> <p>Univ. of Central MO - www.ucmo.edu</p> <p>Univ of MO – Columbia - www.missouri.edu</p> <p>Univ of MO – Kansas City www.umkc.edu</p> <p>Univ of MO – Rolla - www.UMR.edu</p> <p>Univ of MO – St. Louis - www.umsf.edu</p> <p>Univ of Phoenix – www.phoenix.edu</p> <p>Vatterott College www.vatterott-college.edu</p> <p>Washington University - www.wustl.edu</p> <p>Webster University - www.websteruniv.edu</p> <p>Westminster College www.westminster-mo.edu</p> <p>William Jewell College - www.jewell.edu</p> <p>William Woods University www.williamwoods.edu</p>	<ul style="list-style-type: none"> • Apprenticeship • Military • On-the-Job Training <p>Colorado Technical University www.coloradotech.com</p> <p>Grantham University www.grantham.edu</p> <p>ITT Technical Institute www.itt-tech.edu</p> <p>National American University www.national.edu</p>

Postsecondary

Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org				
On-the-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
<p>Advertising Salespeople</p> <p>Buyers and Purchasing Agents</p> <p>Cashiers</p> <p>Counter and Rental Clerks</p> <p>Demonstrators and Promoters</p> <p>Floral Designers</p> <p>Merchandise Displayers</p> <p>Models</p> <p>Opticians</p> <p>Parts Salespeople</p> <p>Retail Salespeople</p> <p>Route Salespeople</p> <p>Telemarketers</p>	<p>Advertising Sales Agents</p> <p>Assessors</p> <p>Fashion Designers</p> <p>Interior Designers</p> <p>Lodging Managers</p> <p>Property, Real Estate, and Community Association Managers</p> <p>Real Estate Brokers</p> <p>Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products</p> <p>Travel Agents</p> <p>Travel Guides</p> <p>Wholesale and Retail Buyers, Except Farm Products</p>	<p>Art Directors</p> <p>Editors</p> <p>Market Research Analysts</p> <p>Public Relations Specialists</p> <p>Sales Managers</p> <p>Sales Representatives</p> <p>Survey Researchers</p> <p>Technical Writers</p>	<p>Business Teacher, Postsecondary</p> <p>Marketing Managers</p> <p>Public Relations Managers</p> <p>Purchasing Managers</p> <p>Sales Managers</p>	



University City High School
Science, Technology, Engineering & Mathematics
Career Cluster Program of Study Template
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities	
Secondary	9	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	Comprehensive Physical Education Fine Arts ◆ Introduction to Engineering Design (IED) ◆ Principles of Engineering (POE)	North County Tech www.northtechnical.org South County Tech www.southtechhigh.org	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other: Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:	
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	Health ◆ Introduction to Engineering Design (IED) ◆ Principles of Engineering (POE)		
	11	American Literature & Composition AP Language & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Government AP Government	Personal Finance ◆ Introduction to Engineering Design (IED) ◆ Principles of Engineering (POE) ◆ Civil Engineering & Architecture		
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology		◆ Introduction to Engineering Design (IED) ◆ Principles of Engineering (POE) ◆ Civil Engineering & Architecture		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other:

◆ Articulated Credit ★ Dual Credit

Revised 1.4.16

Postsecondary Offerings – For A Complete Listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	<p>Crowder College www.crowder.edu</p> <p>East Central College www.eastcentral.edu</p> <p>Jefferson College www.jeffco.edu</p> <p>Metropolitan Community College www.mccc.edu</p> <p>St. Charles Community College www.stchas.edu</p> <p>St Louis Community College www.slccc.edu</p>	<p>Missouri Tech www.motech.edu</p>	<p>Avila University - www.avila.edu</p> <p>Central Methodist University www.centralmethodist.edu</p> <p>College of the Ozarks - www.coto.edu</p> <p>Columbia College - www.ccls.edu</p> <p>Culver-Stockton College www.culver.edu</p> <p>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Lincoln University - www.lincolnu.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville University of St. Louis www.maryville.edu</p> <p>Missouri Baptist Univ - www.mobap.edu</p> <p>MO Southern State Univ ersity www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>MO University of Science & Technology www.mst.edu</p> <p>Missouri Western State University www.missouriwestern.edu</p>	<p>Northwest Missouri State University www.nwmissouri.edu</p> <p>Park University - www.park.edu</p> <p>Rockhurst University www.rockhurst.edu</p> <p>Saint Louis University www.imagine.stu.edu</p> <p>Southeast MO State University www.semo.edu</p> <p>Southwest Baptist University www.sbuiv.edu</p> <p>Truman State Univ - www.truman.edu</p> <p>Univ of Central MO - www.ucmo.edu</p> <p>University of MO – Columbia www.missouri.edu</p> <p>University of MO – Kansas City www.umkc.edu</p> <p>Univ of MO – Rolla – www.umn.edu</p> <p>Univ of MO – St Louis - www.ums1.edu</p> <p>Washington University - www.wustl.edu</p> <p>Westminster College www.westminster-mo.edu</p> <p>William Jewell College - www.jewell.edu</p>	<ul style="list-style-type: none">• Apprenticeship• Military• On-the-Job Training <p>Grantham University www.grantham.edu</p>
Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org					
On-the-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More		
	<p>Electronics Engineering Technologists</p> <p>Engineering Technicians</p> <p>Manufacturing Engineering Technologists</p> <p>Science Technicians</p>	<p>Aerospace Engineers</p> <p>Biomedical Engineers</p> <p>Cartographers</p> <p>Chemists</p> <p>Civil Engineers</p> <p>Electrical and Electronics Engineers</p> <p>Energy Engineers</p> <p>Environmental Engineers</p> <p>Geospatial Information Scientists and Technologists</p> <p>Industrial Engineers</p> <p>Manufacturing Engineers</p> <p>Materials Engineers</p> <p>Mechanical Engineers</p> <p>Meteorologists</p> <p>Mining Engineers</p> <p>Nuclear Engineers</p> <p>Petroleum Engineers</p> <p>Photonics Engineers</p> <p>Remote Sensing Scientists and Technologists</p>	<p>Anthropologists</p> <p>Archaeologists</p> <p>Astronomers</p> <p>Biologists</p> <p>Environmental Scientists</p> <p>Geographers</p> <p>Geologists and Geophysicists</p> <p>Historians</p> <p>Mathematicians</p> <p>Physicists</p> <p>Political Scientists</p> <p>Robotics Engineers</p> <p>Sociologists</p>		



University City High School
Transportation, Distribution & Logistics
Career Cluster Program of Study Template
www.ucityschools.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 Language Arts	Math	Science	Social Studies	Required Courses, Elective Options	Career Center	Additional Learning Opportunities		
Secondary	9	Algebra I Honors Algebra I Honors Geometry Honors Algebra II	Physical Science Honors Biology	World History Honors World History	Comprehensive Physical Education Fine Arts	North County Tech www.northtechnical.org South County Tech www.southtechhigh.org	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other:		
	10	Literature & Comp II Honors Lit & Comp II	Geometry Honors Geometry Algebra II Honors Algebra II Pre-Calculus Probability and Statistics	Biology Honors Biology Chemistry Honors Chemistry Physics Honors Physics	US History Honors US History AP US History	Health	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:		
	11	American Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology Lab Chemistry Honors Chemistry AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology	Government AP Government	Personal Finance	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Project Lead the Way <input type="checkbox"/> Pro Start <input type="checkbox"/> Other:		
	12	World Literature & Composition AP Literature & Composition	Algebra II Honors Algebra II ★ College Prep Algebra Pre-Calculus AP Calculus AB AP Calculus BC Probability and Statistics	Biology AP Biology/Lab AP Chemistry/Lab Physics Honors Physics AP Physics/Lab ★ Anatomy/Physiology Ecology			Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> PLAN <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:		
							Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> TSA <input type="checkbox"/> Other:		

Postsecondary Offerings – For A Complete List of Colleges, go to www.missouriconnections.org				
Community College	Technical School/Training Institutions	In State	Out of State/Other	
<p>Crowder College www.crowder.edu</p> <p>East Central College www.eastcentral.edu</p> <p>Hannibal-Lagrange College www.hlg.edu</p> <p>Jefferson College www.jeffco.edu</p> <p>Linn State Technical College www.linnstate.edu</p> <p>Metropolitan Community College www.mccc.edu</p> <p>Mineral Area College www.mineralarea.edu</p> <p>Moberly Area Community College www.macc.edu</p> <p>North Central Missouri College www.ncmissouri.edu</p> <p>Ozarks Technical Comm College www.etc.edu</p> <p>Ranken Technical College www.ranken.edu</p> <p>Sanford-Brown College www.sanford-browncollege.com</p> <p>St. Louis Community College www.stlcc.edu</p> <p>State Fair Community College www.sfcmo.edu</p>	<p>Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm</p> <p>Clinton Tech School - www.clinton.k12.mo.us</p> <p>Davis Hart Career Ctr - www.mexicoschools.net</p> <p>Eldon Career Ctr - www.eldoncareercenter.org</p> <p>Four Rivers Career Center www.washington.k12.mo.us</p> <p>Franklin Technology - www.ftrcpln.com</p> <p>Gibson Tech Ctr - www.wolves.k12.mo.us/gtc</p> <p>Grand River Technical School - www.grts.org</p> <p>Hannibal Career and Technical Center www.hannibal.tcc.mo.us</p> <p>Herndon Career Center www.herndoncareercenter.com</p> <p>Hillyard Technical Ctr - www.hillyardtech.com</p> <p>Kirksville Area Tech Ctr - www.kirksville.k12.mo.us</p> <p>Lake Career and Technical Center www.camdentonschools.org</p> <p>Lebanon Technology and Career Ctr www.lebanon.k12.mo.us/lccc</p> <p>Lex La-Ray Tech Ctr - www.lexington.k12.mo.us</p> <p>Nichols Career Center - www.jcps.k12.mo.us</p> <p>Northland Career Center www.northlandcareercenter.com</p> <p>Northwest Tech School - www.maryville.k12.mo.us</p> <p>Pike-Lincoln Tech Ctr - www.pltc.k12.mo.us</p> <p>Rolla Tech Institute - www.rola.k12.mo.us</p> <p>Saline County Career Center www.marshallschools.com/sccc</p> <p>Sikeston Career & Technology Center www.sikeston.k12.mo.us</p> <p>South Central Career Ctr - www.wphs.k12.mo.us</p> <p>Waynesville Technical Academy www.waynesville.k12.mo.us</p>	<p>Avila University - www.avila.edu</p> <p>Baptist Bible College - www.baptist.edu</p> <p>Bryan College - www.bryancollege.com</p> <p>Central Methodist University www.centralmethodist.edu</p> <p>College of the Ozarks - www.cofo.edu</p> <p>Columbia College - www.ccis.edu</p> <p>Culver-Stockton College - www.culver.edu</p> <p>DeVry University - www.grantham.edu</p> <p>Drury University - www.drury.edu</p> <p>Everest University - www.everest-college.edu</p> <p>Fontbonne Univ - www.fontbonne.edu</p> <p>Grantham Univ - www.grantham.edu</p> <p>Harris-Stowe State Univ - www.hssu.edu</p> <p>Lincoln University - www.lincoln.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville University of Saint Louis www.maryville.edu</p> <p>Messenger College www.messengercollege.edu</p> <p>Missouri Baptist Univ - www.mobap.edu</p> <p>Missouri College www.missouricollege.com</p> <p>Missouri Southern State University www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri State Univ - West Plains www.wp.missouristate.edu</p> <p>Missouri University of Science & Tech www.mst.edu</p>	<p>Missouri Western State University www.missouriwestern.edu</p> <p>Northwest Missouri State University www.nwmssu.edu</p> <p>Park University - www.park.edu</p> <p>Patricia Stevens College www.patriciastevenscollege.edu</p> <p>St. Louis Univ - www.imagine.slu.edu</p> <p>Southeast Missouri State University www.semo.edu</p> <p>Southwest Baptist University www.sbu.edu</p> <p>Stephens College - www.stephens.edu</p> <p>Truman State Univ - www.truman.edu</p> <p>University of Central MO - www.ucmo.edu</p> <p>University of Missouri - Columbia www.missouri.edu</p> <p>University of Missouri - Kansas City www.umkc.edu</p> <p>University of Missouri - St. Louis www.umsl.edu</p> <p>Univ of Phoenix - www.phoenix.edu</p> <p>Vatterott College www.vatterott-college.edu</p> <p>Washington University - www.wustl.edu</p> <p>Webster Univ - www.websteruniv.edu</p> <p>Westminster College www.westminster-mo.edu</p> <p>William Jewell College - www.jewell.edu</p> <p>William Woods University www.williamwoods.edu</p>	<ul style="list-style-type: none"> Apprenticeship Military On-the-Job Training <p>Aviation Institute of Maintenance www.aviationmaintenance.edu</p> <p>Colorado Technical University www.coloradotech.com</p> <p>American Truck Training www.americantrucktraining.com</p> <p>C-1 Truck Driver Training www.c1training.com</p> <p>ITT Technical Institute www.itt-tech.edu</p> <p>Midwestern Training Center www.national.edu</p> <p>Nuway Truck Driver Training www.nuwaytruckschools.com</p> <p>Southern MO Truck Driving School www.smtds.com</p> <p>Westwind CDL Training Center www.westwindcdl.com</p> <p>Witte Truck Driving School</p>

Postsecondary

Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org				
On-the-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
<p>Air Traffic Controllers and Flight Attendants</p> <p>Auto Body Repairers</p> <p>Bicycle Repairers</p> <p>Bus Drivers and School Bus Drivers</p> <p>Dispatchers and Traffic Technicians</p> <p>Freight Handlers</p> <p>Heavy Equipment Mechanics</p> <p>Heavy Truck Drivers</p> <p>Motorboat & Motorcycle Mechanics</p> <p>Parking Lot Attendants</p> <p>Riggers</p> <p>Service Station Attendants, Tire Repairers and Changers</p> <p>Transportation Agents</p>	<p>Aircraft Mechanic</p> <p>Automobile Mechanics</p> <p>Bus and Truck Mechanics and Diesel Engine Specialists</p> <p>Electrical/Electronics Installers/Repairers, Transportation Equipment</p> <p>Electronic Equipment Installers/Repairers, Motor Vehicles and Material Movers, Hand</p> <p>First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand</p> <p>First-Line Supervisors/Managers of Transportation</p> <p>Material-Moving Machine and Vehicle Operators</p> <p>Motorboat Mechanics and Motorcycle Mechanics</p> <p>Signal and Track Switch Repairers</p> <p>Traffic Technicians</p> <p>Transportation Vehicle, Equipment/Systems Inspectors</p>	<p>Airline Pilot</p> <p>Logisticians</p> <p>Storage and Distribution Managers</p>	<p>Chief Executive</p>	

UNIVERSITY CITY HIGH SCHOOL

7401 Balson Ave
University City, MO 63130
(314) 290-4100

ADMINISTRATION

Superintendent of Schools Sharonica Hardin-Bartley, PhD, PHR
Principal..... Ms. Susan Hill
Assistant Principal Kimberly Austin
Assistant Principal T-Herbert Jeffrey
Athletic Director Matt Brooks, Ed.D.
Dean of Students Samuel Martin, Ed.D.

Special School District Secondary Coordinator Stephanie Berry, Ed.D.

WWW.UCITYSCHOOLS.ORG

UCHS CAREER AND EDUCATION PLANNING GUIDE