

Marais des Cygnes Valley High School



2022-2023 Course Catalog

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Introduction

Marais des Cygnes Valley High School works hard to focus on career selection and preparation. This career focus starts in the 9th grade when students and their parents are encouraged to select a course of study from one of the 16 career clusters. Ideally once a student selects a cluster, enrollment and course selection of electives can be made with that cluster in mind. More information about career clusters and descriptions can be found at <https://xello.world/en/middle-and-high-school>. Students can log into Xello using their PowerSchool account. Faculty work with students to create plans of study that will be updated and reviewed during the student's high school career. The course selections made now can have a great influence on postsecondary plans. Students and parents are encouraged to read carefully the information contained in this guide. Do not hesitate to ask questions.

Disclaimer

Not all courses listed in this book will be offered during the 2021-2022 school year. However, through the enrollment process, it is our hope to offer the courses with the most student interest. This could mean that a course your student requested on an enrollment sheet may not meet the minimum enrollment numbers as determined by the administration. In this case, we will look to the alternative courses listed and find the next best fit. It is important that alternative courses are selected with the same care and thought that primary requests are selected, since some programs may change.

Schedule Changes

Students may only change classes during the first three days of a semester. Any changes requested after that time must be approved by the building principal. If your student has an IEP, the IEP coordinator needs to approve the change before the schedule will be altered.

NCAA Athletic Requirements

The NCAA Eligibility Center is an organization that clears student athletes for initial eligibility in NCAA division I and II athletic programs. If you are a student athlete with aspirations for college athletics, it is important to note that your athletic eligibility in college will be tied to your performance and completion of required classes in high school, as well as to your graduation from high school. For specific information and requirements, log onto the NCAA eligibility site. Note also that it is a student and/or parent's responsibility to determine college athletic and eligibility requirements, and not the responsibility of the Southridge staff, coaches, or athletic department. Generally, any online courses do not count. To register, visit <http://www.ncaaeligibilitycenter.org>. Eligibility questions are best answered by the compliance officers at the college where the student-athlete plans to attend.

USD 456 Graduation Requirements

Graduation requirements for high school students are established according to state statutes, the State Board of Education regulation and the policy of the Board of Education of District 456. Students must receive a total of **24 credits** in order to graduate from Marais des Cygnes Valley High School, which must include the following requirements:

Language Arts	4 credits
Mathematics	3 credits
Science	3 credits
Social Science	3 credits
Fine Arts	1 credit
Freshmen PE/Health	1 credit
Computer Applications/Business Essentials (taken in JH)	1 credit
Consumer & Personal Finance	½ credit
Electives.....	7½ credits
Total.....	24 credits



Graduation Requirements By Year

Freshman

- English I
- Integrated Math I
- Physical Science
- World History
- Computer Apps/Business Essentials (taken in JH)
- Freshman PE/Health

1st Sem

2nd Sem

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Sophomore

- English II
- Integrated Math II
- Biology
- Fine Arts Elective

1st Sem

2nd Sem

_____	_____
_____	_____
_____	_____
_____	_____

Junior

- English III
- Integrated Math III
- Science
- American History

1st Sem

2nd Sem

_____	_____
_____	_____
_____	_____
_____	_____

Senior

- English IV
- Government
- Consumer & Personal Finance

1st Sem

2nd Sem

_____	_____
_____	_____
_____	_____

24 Credits Required To Graduate

- 16½ required classes (listed above)
- 7½ general elective classes



Qualified Admissions

(updated February 2021)

The six state universities in Kansas—Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, The University of Kansas, and Wichita State University—use the standards below, set by the Kansas Board of Regents, to review applicants for undergraduate admission.

To guarantee admission to the KBOR universities, students must meet the following requirements:

ESU, FHSU, PSU, WSU	K-State	KU
ACT 21+ <u>OR</u> a cumulative 2.25+ GPA	ACT 21+ <u>OR</u> a cumulative 3.25+ GPA	ACT 21+ <u>AND</u> a cumulative 3.25+ GPA <u>OR</u> ACT 24+ <u>AND</u> a cumulative 3.0+ GPA
Kansas Scholars curriculum is <u>recommended</u> but not required	Kansas Scholars curriculum is <u>recommended</u> but not required	Kansas Scholars curriculum is <u>recommended</u> but not required
Cumulative 2.0+ GPA for any college courses taken while in high school	Cumulative 2.0+ GPA for any college courses taken while in high school	Cumulative 2.5+ GPA for any college courses taken while in high school

What Is Superscoring?

Superscoring is the process of averaging your four best subject scores from all of your ACT test attempts.

How Is The ACT Composite Score Different From An ACT Superscore?

Your Composite score is the average of the four subject scores from one ACT test attempt. Your superscore is the average of your best scores from each subject from multiple test attempts. Your superscore is never lower than a single Composite score.

Does The Writing Score Count Toward A Superscore?

No, the writing section score is not figured into a Composite score; therefore, it's not a component of a superscore. Just remember that some colleges require applicants to take the writing section.

What Are The Benefits Of Superscoring?

Your superscore combines your best performances into one score that best reflects your abilities and, ultimately, allows you to put your best foot forward. The higher your ACT score, the more competitive you are when it comes to getting admitted into college and securing merit-based scholarships.

Do All Colleges Superscore?

No, not all colleges superscore, but many do and the number is increasing. To find out if the college of your choice superscores the ACT, we recommend that you check out their test score use policy under admissions requirements on their website.

Kansas Scholars Curriculum



Completion of the Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation. This occurs during the senior year of high school.

What are the other requirements to become a State Scholar?

- Students must have taken the ACT between April of the sophomore year and December of the senior year.
- Students must be a Kansas resident.
- Students must have their curriculum and 7th semester GPA certified by the high school.

What is the benefit of completing the Kansas Scholars Curriculum?

Students who complete this curriculum and meet the other requirements, may be designated as State Scholars, which makes one eligible to receive the Kansas State Scholarship as provided by the Kansas Legislature. The academic profile of recent scholars include an average ACT of 30 and an average GPA of 3.91. State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program), based on financial need and the availability of State funds. Financial need is measured by federal methodology using data submitted on the FAFSA.

Kansas Scholars Curriculum	
English	<u>4 years</u> One unit to be taken each year. Must include substantial recurrent practice in writing extensive and structured papers, extensive reading of significant literature, and significant experience in speaking and listening.
Science	<u>3 years</u> One year each in Biology, Chemistry, and Physics, each of which include an average of one laboratory period a week. Applied/technical courses may not substitute for a unit of natural science credit.
Math	<u>4 years</u> Algebra I, Algebra II, Geometry, and one unit of advanced mathematics—suggested courses include: Analytic Geometry, Trigonometry, Advanced Algebra, Probability and Statistics, Functions or Calculus. Completion of Algebra I in 8 th grade is acceptable for the Kansas Scholars Curriculum.
Social Studies	<u>3 years</u> One unit of U.S. History; minimum of one-half unit of U.S. Government and minimum of one-half unit selected from: World History, World Geography or International Relations; and one unit selected from: Psychology, Economics, U.S. Government, U.S. History, Current Social Issues, Sociology, Anthropology, and Race and Ethnic Group Relations. Half unit courses may be combined to make this a whole unit.
World Language	<u>2 years</u> Two years of one language. Latin and Sign Language are accepted.

For more information, visit the Kansas Board of Regents at www.kansasregents.org.

KBOR

Transfer of Credits



KBOR Systemwide Transfer Courses

(as of June 2021)

The Kansas Board of Regents approved the Systemwide Transfer (SWT) courses listed below. A student who successfully completes any of these courses at a Kansas public university, community college, or technical college will be able to transfer the course to any Kansas public postsecondary institution offering an equivalent course.

Additional courses may also be eligible for transfer. Please contact the Registrar's Office of your university or college for more information. Students are responsible for becoming acquainted with the program and degree requirements of the institution to which they expect to transfer.

Accounting: Financial Accounting; Managerial Accounting
Anthropology: Introduction to Cultural Anthropology; Introduction to Linguistic Anthropology
Art: Art Appreciation; Art History I; Art History II; Introduction to Drawing; Two Dimension Design; Three Dimension Design
Biology: General Biology and Lab for Non-majors; Biology I and Lab for Majors; Biology II and Lab for Majors; Environmental Science Lecture and Lab; Environmental Science Lecture; Environmental Science Lab; Anatomy and Physiology (5 cr hr and 8 cr hr)
Business: Personal Finance; Intro to Business; Principles of Leadership; Principles of Management; Principles of Marketing
Chemistry: Chemistry I and Lab for Majors; Chemistry II and Lab for Majors; General Chemistry and Lab for Non-Majors
Communication: Public Speaking; Interpersonal Communications; Introduction to Mass Communications
Computer Science: Computer Concepts and Applications
Criminal Justice: Intro to Criminal Justice; Criminal Law
Early Childhood Education: Intro to Early Childhood Education
Economics: Microeconomics; Macroeconomics
Education: Intro to Education; Children's Literature
English: English Composition I; English Composition II; Introduction to Literature; American Literature I; American Literature II; Creative Writing
Gender/Cultural Studies: Intro to Women's Studies
Geography: World Regional Geography
Health Sciences: Nutrition; Personal and Community Health; Medical Terminology; First Aid and CPR; Intro to Exercise Science
History: US History to 1877; US History since 1877; World History to 1500; World History 1500 to Present
Mathematics: College Algebra; Elementary Statistics; Trigonometry; Contemporary Math/Essential Math; General/Business Calculus; Calculus I; Intermediate Algebra
Modern Languages: French I; French II; Spanish I; Spanish II; Spanish III
Music: Music Appreciation; Music Theory I; Music Theory II; Piano I; Piano II
Philosophy: Intro to Philosophy; Ethics; Logic and Critical Thinking
Physical Science: Physical Science and Lab; Physical Geology Lecture and Lab; Physical Geology Lecture; Physical Geology Lab; Meteorology Lecture and Lab; Meteorology Lecture; Meteorology Lab
Physics: Descriptive Astronomy Lecture and Lab; Descriptive Astronomy Lecture; Descriptive Astronomy Lab; Engineering Physics I with Lab; Engineering Physics II with Lab; Physics I and Lab; Physics II and Lab
Political Science: Intro to Political Science; American Government; International Relations; Comparative Politics
Psychology: Intro to Psychology; Human Lifespan/Developmental Psychology; Childhood Growth and Development
Religion: World/Comparative Religions; Old Testament; New Testament
Sociology: Intro to Sociology; Intro to Social Work; Social Problems; Marriage and Family
Theatre: Theatre Appreciation; Theatre Practicum; Acting I; Acting II; Stagecraft; Voice and Diction

For more information, visit https://www.kansasregents.org/transfer_articulation

KBOR Systemwide Transfer

To learn more about how/when transfer of credits can occur between institutions, and the various articulation agreements each institution has in place, please visit this website:

http://www.kansasregents.org/academic_affairs/transfer-articulation/institutional-transfer-information

Guidelines and requirements vary between schools, so be sure to research both schools' admission and transfer policies carefully. For questions regarding transfer of course credit, contact the universities' admission office for assistance.



Emporia State University

<https://ssb.emporia.edu/pls/prod/Imuhwskthst.LMUTransHist>



Fort Hays State University

<https://www.fhsu.edu/registrar/transferring-courses-from-a-community-college/>



Kansas State University

<https://www.k-state.edu/admissions/apply/transfer/equivalency.html>



Pittsburg State University

<http://www.pittstate.edu/office/registrar/transfer-equiv.dot>



University of Kansas

<https://credittransfer.ku.edu/>



Wichita State University

<https://webapps.wichita.edu/TransferEquiv/>



Washburn University

https://washburn.edu/academics/college-schools/nursing/undergrad/rn-bsn/transfer_guides-rnbsn.html



Credit Check At-A-Glance

MdCV HS GRADUATION

24 credits required
-16.5 core classes
-7.5 electives

ENGLISH (4 credits)

English 1 _____

English 2 _____

English 3 _____

English 4 _____

MATHEMATICS (3 credits)

SCIENCE (3 credits)

Physical Science _____

Biology _____

SOCIAL SCIENCE (3 credits)

World History _____

American History _____

Government _____

FINE ARTS (1 credit)

COMP APPS/BUS ESSENTIALS (1 credit)

PERSONAL FINANCE (½ credit) _____

PE/HEALTH (1 credit) _____

ELECTIVES (7 ½ credits)

QUALIFIED ADMISSIONS

To be admitted to **ESU, FHSU, PSU, or WSU**,
you need to meet the following:

_____ ACT 21+ **OR**
_____ Cumulative 2.25+ GPA

AND

_____ Cumulative 2.0+ GPA on any college
courses taken in high school

To be admitted to **KSU**, you need to meet
the following:

_____ ACT 21+ **OR**
_____ Cumulative 3.25+ GPA

AND

_____ Cumulative 2.0+ GPA on any college
courses taken in high school

To be admitted to **KU**, you need to meet
the following:

_____ ACT 21+ **AND**
_____ Cumulative GPA of 3.25 or higher

OR

_____ ACT 24+ **AND**
_____ Cumulative GPA of 3.0 or higher

AND

_____ Cumulative 2.5+ GPA on any college
courses taken in high school

KANSAS SCHOLARS CURRICULUM

Kansas State Scholarship
16 credits required

ENGLISH (4 credits)

One unit to be taken each year.

English 1 _____

English 2 _____

English 3 _____

English 4 _____

MATHEMATICS (4 credits)

Courses must be Algebra I or above.

SCIENCE (3 credits)

Biology _____

Chemistry _____

Physics _____

SOCIAL SCIENCE (3 credits)

World History _____

American History _____

Government _____

FOREIGN LANGUAGE (2 credits)

Two years of one language.

MdCV HS

Course Descriptions

AGRICULTURE

18001 S1/S2	<u>Agriscience (9,10,11,12)</u> This course will emphasize the student development opportunities available in the agriculture education program. It will highlight not only agricultural academic and career pathways possibilities available in the agriculture education program, but FFA and Leadership opportunities students can take advantage of in the program. Units include FFA and leadership, introduction to recordkeeping and agribusiness, introduction to animal science, introduction to plant/soil science, introduction to agriculture mechanics.	Year
18203 S1/S2	<u>Ag Communications & Leadership (10,11,12)</u> This course is designed to improve upon the student's leadership and communication skills for better career employability. Students will improve upon their leadership skills by identifying leadership in the agricultural workplace, learn to effectively lead group discussions, present a prepared and extemporaneous speech. Students will also learn to communicate by composing articles for the school website and the local newspaper by incorporating page layout and Photoshop techniques. <u>PREREQUISITE:</u> MUST HAVE PASSED ONE OR MORE AGRICULTURE COURSES <u>NOTE:</u> THIS COURSE COUNTS AS A FINE ARTS CREDIT	Year
18101 S1/S2	<u>Animal Vet Science (10,11,12)</u> This course focuses on the scientific aspects of animal agriculture industry. It will present a basic foundation on segments of the livestock industry as well as basic principles of biology to improve student comprehension and knowledge of animal utilization. Topics include: livestock industry, animal reproduction, animal genetics, animal digestion, feeds and nutrition, and animal health and diseases. <u>NOTE:</u> THIS CLASS COUNTS AS A SCIENCE CREDIT; THIS COURSE IS OFFERED EVERY OTHER YEAR OPPOSITE OF ENVIRONMNETAL RESOURCES & WILDLIFE MANAGEMENT	Year
18504 S1/S2	<u>Environmental Resources & Wildlife Management (10,11,12)</u> This course is designed to be a comprehensive and hands on approach to wildlife management. Students will develop an awareness of not only what wildlife surrounds them locally and nationally, but what the student can do to help promote and conserve the wildlife currently available and how it relates to agricultural practices. Students will also utilize the area natural and human resources through outdoor activities and experiments at the Marais des Cygnes River, Melvern Lake and local fields and pastures. As well as listen to area specialist on a variety of topics such as game birds, waterfowl, fur trapping, hunting and fishing regulations and safety. <u>NOTE:</u> THIS CLASS COUNTS AS A SCIENCE CREDIT; THIS COURSE IS OFFERED EVERY OTHER YEAR OPPOSITE OF ANIMAL VET SCIENCE	Not Offered
18401 S1/S2	<u>Ag Mechanics (10,11,12)</u> This course is developed into a two-part program. The first semester focuses on the career possibilities and preparation in Ag Mechanics and Fundamentals in Agriculture Mechanics. Such topics covered are exploring careers and employment preparation, safety in the shop, tools and equipment, figuring bill of materials, sketching and drawing, project planning, basic electrical principles and welding and cutting operations and equipment. The second semester focuses on welding and cutting skills and the remainder for project planning and fabrication.	Year
18402 S1/S2	<u>Advanced Ag Mechanics (11,12)</u> This course is developed for the Ag Mechanics pathway student that in interested in furthering their fabrication skills. Students will have the opportunity to design and fabricate projects through the use of their welding, wood construction and other hands-on skills. <u>PREREQUISITE:</u> AG MECHANICS AND TEACHER APPROVAL	Year
18052 S1/S2	<u>Horticulture I (10,11,12)</u> Horticulture I course exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. In doing so, they cover a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures. The course activities will include raising plants in the greenhouse as well as the outside beds. <u>NOTE:</u> THIS CLASS COUNTS AS A SCIENCE CREDIT	Year

180522 S1/S2	<u>Horticulture II (11,12)</u>	Year
	This course is designed for second year Horticulture students that want to get more in depth in the horticulture industry. Students will be more involved in the management and decisions in the greenhouse and outside raised beds. Students will be responsible for organizing the spring and fall plant arrangement sales, Christmas décor sales, Valentine arrangements sales, accessing inventory and placing orders for items such as growing media, trays, and baskets for the next growing season. <u>PREREQUISITE:</u> HORTICULTURE I	
18248 S1/S2	<u>Internship in Agriculture (12)</u>	Year
	Year This course is designed to enhance the employability of the student while gaining experience in a field of agriculture. The student will gain knowledge in basic employment information such as building and creating a resume and portfolio of their experience as well as learning about personal business financial management and recordkeeping. The student will gain experience in the business sector while learning functions and operations in the business environment. The student, teacher, parents, and administrator will select a single site or multiple sites in which the student will participate. <u>PREREQUISITE:</u> MUST HAVE PASSED TWO PREVIOUS AGRICULTURE COURSES AND TEACHER APPROVAL	

BUSINESS/COMPUTERS

12053	<u>Entrepreneurship (9,10,11,12)</u>	1st Semester
	Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.	
12009	<u>Business Communications (9,10,11,12)</u>	2nd Semester
	Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating nonverbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real world application.	
12052	<u>Business Management (9,10,11,12)</u>	1st Semester
	Business Management courses acquaint students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.	
22210	<u>Consumer & Personal Finance (11,12)</u>	1st & 2nd Semesters
	The primary focus of this class is to prepare the high school student to make wise and responsible decisions when faced with living on their own as a member of society. The student will receive information concerning effective management of their resources: human and non-human. Decisions about needs vs. wants will be critical to their understanding of money management and financial literacy. The students will learn about goal setting, their rights and responsibilities as consumers, identity theft, financial planning and investment models, utilizing financial institutions, basic economics principles, credit, cost/benefit analysis, types and roles of insurances.	
32200 S1/S2	<u>Applied Business Development (10,11,12)</u>	Year
	Applied Business Development students will practice skills of planning, organizing, directing and controlling functions of operating a business while assuming the responsibilities and risks involved. Students will develop skills in enterprise development, market analysis and financial preparation. This	

course includes classroom activities as well as involving further study of the field and discussion regarding real-world experiences and applications that students encounter in owning and managing a business.

PREREQUISITE: MUST HAVE PASSED TWO PREVIOUS BUSINESS COURSES AND TEACHER APPROVAL

FAMILY & CONSUMER SCIENCE

16052	<u>Culinary Essentials</u> (9,10,11,12)	1st Semester
	Restaurant, Food, and Beverage Services—Comprehensive courses provide students with knowledge and skills related to commercial and institutional food service establishments. Course topics range widely, but usually include sanitation and safety procedures, nutrition and dietary guidelines, food preparation (and quantity food production), and meal planning and presentation. Restaurant, Food, and Beverage Service courses may include both “back-of-the-house” and “front-of-the-house” experiences, and may therefore also cover reservation systems, customer service, and restaurant/business management.	
34052	<u>Event Planning & Management</u> (9,10,11,12)	2nd Semester
	This course provides students with the knowledge and skills related to the event planning and implementation process. It will include establishing client relationships, the importance of communication, planning process, resource management, quality service and staffing issues.	
34056 S1/S2	<u>Culinary Arts I</u> (9,10,11,12)	Year
	This course integrates the knowledge, skills and practices required for careers in the restaurant industry. Topics include the sources, symptoms and prevention measures for common food illnesses, meal management, correct use of food production equipment and production and facility management principles. Students will also begin to develop culinary skills for a variety of food products.	
32200 S1/S2	<u>Applied Business Development</u> (10,11,12)	Year
	Applied Business Development students will practice skills of planning, organizing, directing and controlling functions of operating a business while assuming the responsibilities and risks involved. Students will develop skills in enterprise development, market analysis and financial preparation. This course includes classroom activities as well as involving further study of the field and discussion regarding real-world experiences and applications that students encounter in owning and managing a business. <u>PREREQUISITE:</u> MUST HAVE PASSED TWO PREVIOUS FACS COURSES AND TEACHER APPROVAL	

LANGUAGE ARTS

01001 S1/S2	<u>English I</u> (9,10,11,12)	Year
	This course will build upon students’ prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. This course will introduce and define various genres of literature, with writing exercises often linked to reading selections.	
01002 S1/S2	<u>English II</u> (10,11,12)	Year
	This course offers a balanced focus on composition and literature. Students will learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message. <u>PREREQUISITE:</u> ENGLISH I	
01003 S1/S2	<u>English III</u> (11,12)	Year
	This course continues to develop the students writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic device may receive greater emphasis than in previous	

courses. This course focus upon commonly known American authors and their work. Oral discussion is an integral part of literature courses, and written compositions are often required.

PREREQUISITE: ENGLISH II

01004 S1/S2

English IV (12)

Year

This course blends composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Students primarily write multi-paragraph essays, but they may also write one or more major research papers. This course may provide a survey of British literature or may focus on a selected timeframe of England's history. Oral discussion is an integral part of literature courses, and written compositions are often required.

PREREQUISITE: ENGLISH III

01998 S1/S2

Technical English (11,12)

Year

This course provides students with English language and literature experience in a CTE program of study. Students who complete two years of any CTE program successfully will receive one credit in Technical English. This credit is not considered the best prep for a 4-year college program.

PREREQUISITE: ENROLLMENT IN A CTE PROGRAM

NOTE: CREDIT WILL BE ASSIGNED ON A PASS/FAIL BASIS

11101 S1/S2

Journalism (9,10,11,12)

Year

Journalism courses (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasize writing style and technique as well as production values and organization. Journalism introduces students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing. Photography and photojournalism skills will be included.

PREREQUISITE: MUST HAVE A "B" OR HIGHER IN ENGLISH OR TEACHER APPROVAL

01052

College Literature (12)

Semester

This course is designed for juniors and/or seniors and emphasize comprehension, discernment, and critical-thinking skills in the reading of texts and literature. These courses introduce and explore more advanced literary techniques (irony, satire, humor, connotation, tone, rhythm, symbolism, and so on) through two or more literary genres, with the aim of creating sophisticated readers. Writing assignments are required as an additional method to develop and improve critical-thinking and analytical skills.

PREREQUISITE: COLLEGE ENROLLMENT

NOTE: REFER TO ONLINE COLLEGE EXPERIENCE COURSE DESCRIPTION (IN MISCELLANEOUS ELECTIVES) FOR STUDENT EXPECTATIONS & RESPONSIBILITIES

01101

College English Comp I (12)

Semester

English Composition I is designed to prepare students for the tasks facing them as college writers. The course provides study and practice in the essentials of the writing process, emphasizing the prewriting, planning, drafting, and revision techniques that are vital elements in the process approach.

PREREQUISITE: COLLEGE ENROLLMENT

NOTE: REFER TO ONLINE COLLEGE EXPERIENCE COURSE DESCRIPTION (IN MISCELLANEOUS ELECTIVES) FOR STUDENT EXPECTATIONS & RESPONSIBILITIES

01102

College English Comp II (12)

Semester

English Composition II is designed to prepare students for the tasks facing them as college writers. It continues the study of writing as a process, focusing especially on expository writing, argumentation, logical processes, and critical essays.

PREREQUISITE: COLLEGE ENROLLMENT

NOTE: REFER TO ONLINE COLLEGE EXPERIENCE COURSE DESCRIPTION (IN MISCELLANEOUS ELECTIVES) FOR STUDENT EXPECTATIONS & RESPONSIBILITIES

01151

College Speech (11,12)

Semester

This course is an introduction to the basic principles of effective public communication. Students learn to research, organize, prepare and deliver speeches in a variety of contexts and situations including individual and group presentations. Effective listening and analytical skills are developed through the critical analysis of student speeches.

PREREQUISITE: COLLEGE ENROLLMENT

NOTE: REFER TO ONLINE COLLEGE EXPERIENCE COURSE DESCRIPTION (IN MISCELLANEOUS ELECTIVES) FOR STUDENT EXPECTATIONS & RESPONSIBILITIES

MATHEMATICS

02062 S1/S2	<u>Integrated Math I (9,10,11,12)</u>	Year
	This course is intended to provide students the knowledge to recognize and develop patterns using tables, graphs and equations. Students will explore operations on algebraic expressions, and apply mathematical properties to algebraic equations. Students will problem solve using equations, graphs and tables and investigate linear relationships, including comparing and contrasting options and decision-making using algebraic models. Reinforcement of topics from two-dimensional geometry is integrated into this curriculum. This includes applications from the areas of area and perimeter, the Pythagorean theorem and its applications, as well as geometric proportion. Finally, introductory instruction in the area of mathematical probability is provided to reinforce use of fractions and numerical modeling. Technology will be used to introduce and expand upon the areas of study listed above.	
02063 S1/S2	<u>Integrated Math II (10,11,12)</u>	Year
	Integrated Math II builds and strengthens students' conceptual knowledge of algebra and geometry concepts including similarity, polygons, circles, areas, volumes, and an introduction to right triangle trigonometry. The algebra portion includes an introduction to functions, imaginary numbers, higher order polynomials, graphing of functions and irrational expressions. The geometry portion will also include proofs and reasons along with quadrilateral usage.	
	<u>PREREQUISITE:</u> INTEGRATED MATH I	
02064 S1/S2	<u>Integrated Math III (11,12)</u>	Year
	In this third course of the math sequence application of mathematics learned from earlier courses is the focus. Students expand their understanding of functions to include polynomial, rational and radical functions. In addition, they consolidate geometry and the functions to create models and solve contextual problems. Finally, students apply methods from probability and statistics to draw inferences and conclusions from data; and expand right triangle trigonometry to include general triangles.	
	<u>PREREQUISITE:</u> INTEGRATED MATH II	
02998 S1/S2	<u>Technical Math (11,12)</u>	Year
	This course provides students with math experience in a CTE program of study. Students who complete two years of any CTE program successfully will receive one credit in Technical Math. This credit is not considered the best prep for a 4-year college program.	
	<u>PREREQUISITE:</u> ENROLLMENT IN A CTE PROGRAM	
	<u>NOTE:</u> CREDIT WILL BE ASSIGNED ON A PASS/FAIL BASIS	
02065 S1/S2	<u>Integrated Math IV (12)</u>	Year
	Covering topics of both trigonometry and math analysis, these courses prepare students for eventual work in calculus. Topics typically include the study of right trigonometric and circular functions, inverses and graphs, trigonometric identities and equations, solutions of right and oblique triangles, complex numbers, numerical tables, polynomial, logarithmic, exponential, and rational functions and their graphs, vectors, matrix algebra, sequences and series, and limits and continuity.	
	<u>PREREQUISITE:</u> INTEGRATED MATH III	
02157 S1/S2	<u>Consumer Math (11,12)</u>	Year
	Consumer Mathematics courses reinforce general mathematics topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.	

02997

College Algebra (11,12)

Semester

This course covers basic topics in algebra, including the solution of linear and quadratic equations, factoring, graphing, inequalities, rational and irrational numbers, functions, plus logarithms, sequences, series, determinants, and matrices.

PREREQUISITE: COLLEGE ENROLLMENT

NOTE: REFER TO ONLINE COLLEGE EXPERIENCE COURSE DESCRIPTION (IN MISCELLANEOUS ELECTIVES) FOR STUDENT EXPECTATIONS & RESPONSIBILITIES

MUSIC

05101 S1/S2

Band (9,10,11,12)

Year

The music department offers band to students for the study and performance of significant woodwind, brass, and percussion literature. Class activities emphasize the development of instrument technique, fundamentals of music theory, and the reading of music. Pep band performs at all home high school football and basketball games. Students are expected to participate in evening concerts each semester, as well as, engage in the league band concert, state band, and other solo/ensemble opportunities.

NOTE: THIS COURSE COUNTS AS A FINE ARTS CREDIT

05110 S1/S2

Choir (9,10,11,12)

Year

This course explores choral music from a wide variety of cultures and time periods, through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history. Students are expected to participate in three concerts a year with the opportunity to sing at district and state ensembles, as well as, solo opportunities.

NOTE: THIS COURSE COUNTS AS A FINE ARTS CREDIT

PHYSICAL EDUCATION

08052 S1/S2

Freshman Health & PE (9)

Year

During the health portion students will learn principles through lectures, class discussions, assignments, and projects. They will then be able to apply those principles to their daily lives. Within the PE section of the class students will be asked to actively participate in numerous activities such as but not limited to individual sports, team sports, lifetime fitness activities, and weightlifting.

08016 S1/S2

Lifetime Fitness (9,10,11,12)

Year

This course will involve, but not limited to multiple individual, team sports, and a variety of workouts and ideas to promote lifetime fitness. The emphasis will be to enhance physical growth and physical exercise and to promote self-esteem. A flexibility and agility program is also included to make a well-rounded conditioning program for the total individual.

08009 S1/S2

Weight Training (9,10,11,12)

Year

Weight Training focuses on intense isolation exercises with free weights and resistance. This class is a high-volume rep, low resistance, weight workout with short rest intervals. It is geared primarily at improving muscle tone and definition, while also improving cardiovascular fitness.

SCIENCE

03159 S1/S2

Physical Science (9,10,11,12)

Year

This laboratory science course consists of one semester of introductory level Chemistry and one semester of Introductory Physics which is structured to teach and utilize the scientific method and metric measurements in all units. Emphasis is placed on inquiry-style learning and development of skills such as observing, inferring, data collecting, and graphing.

03051 S1/S2	<u>Biology (10,11,12)</u> Biology is the study of living organisms. It deals with their place on the planet, as well as their structure and function. Some of the topics that we will cover included are genetics, ecosystems, photosynthesis, RNA and DNA. No upper level classes can be taken until this course is completed successfully. <u>PREREQUISITE:</u> PHYSICAL SCIENCE	Year
03053 S1/S2	<u>Anatomy & Physiology (11,12)</u> The students will receive a basic knowledge of Human Anatomy & Physiology. Students will learn about the skeleton, respiratory, cardiovascular, endocrine and other systems of the human body as well as how they work together.	Year
03003 S1/S2	<u>Environmental Science (10,11,12)</u> Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources. <u>PREREQUISITE:</u> PHYSICAL SCIENCE <u>NOTE:</u> THIS COURSE IS OFFERED EVERY OTHER YEAR OPPOSITE OF CHEMISTRY	Year
03101 S1/S2	<u>Chemistry (11,12)</u> Chemistry gives a solid background to the importance of chemicals and their interactions in our society. <u>PREREQUISITES:</u> BIOLOGY <u>NOTE:</u> THIS COURSE IS OFFERED EVERY OTHER YEAR OPPOSITE OF ENVIRONMENTAL SCIENCE	Not Offered
03008 S1/S2	<u>Earth & Space Science (10,11,12)</u> Earth & Space Science is the study of the Earth and its neighbors in space. Nearly everything we do each day is connected in some way to Earth: oceans, atmosphere, plants and animals. This course will focus on the four basic areas of Earth Science: geology, oceanography, meteorology and astronomy. Students will explore scientific method, structure and models of the Earth, properties of the ocean floor, atmospheric forces dealing with climate and weather, as well as the night sky as it relates to our solar system. This is an exciting science with many interesting and practical applications, which we will look at in more detail. <u>PREREQUISITE:</u> PHYSICAL SCIENCE	Not Offered

SOCIAL SCIENCE

04052 S1/S2	<u>World History (9,10,11,12)</u> Students will develop a basic understanding of the origins of man and society and how they have advanced since prehistoric times. They will examine the major empires that have ruled and influenced the future of western civilization (Greeks, Romans, Persians, etc.). Students will study the changes in society through the different eras of world history (Prehistoric, Middle Ages, Enlightenment, Exploration, etc.) and how they have shaped the modern world. They will also identify the causes of major wars in the world and their lasting impact.	Year
04101 S1/S2	<u>American History (11,12)</u> Students will examine the founding and development of America from the pre-colonial days to the modern era. They will identify the origins of American government and society and how they have evolved in the last 230 years. Students will study the changes taking place in America as a result of science and technological advancement, war, reform movements, and other progressive movements.	Year
04151 S1/S2	<u>Government (12)</u> Students will develop a basic understanding of the origin of American government today, including the writing of the Articles of Confederation and Constitution. They will examine each branch of the U.S. government (executive, legislative, judicial) and their roles and responsibilities. Students will identify basic rights of American citizens and how they are applied today.	Year

04152	<u>College Government (11,12)</u>	Semester
	This course is intended to familiarize students with the structure, organization, powers, and functions of the three branches of the national government. The course will also deal with individual participation in government through public opinion, elections, and political organizations.	
	<u>PREREQUISITE:</u> COLLEGE ENROLLMENT	
	<u>NOTE:</u> REFER TO ONLINE COLLEGE EXPERIENCE COURSE DESCRIPTION (IN MISCELLANEOUS ELECTIVES) FOR STUDENT EXPECTATIONS & RESPONSIBILITIES	

04256	<u>College Psychology (11,12)</u>	Semester
	This course is designed to introduce the student to the study of human behavior. Upon completion of this course, the student will have attained a better understanding of psychology as a science and how it relates to affects and cognitive processes.	
	<u>PREREQUISITE:</u> COLLEGE ENROLLMENT	
	<u>NOTE:</u> REFER TO ONLINE COLLEGE EXPERIENCE COURSE DESCRIPTION (IN MISCELLANEOUS ELECTIVES) FOR STUDENT EXPECTATIONS & RESPONSIBILITIES	

MISCELLANEOUS ELECTIVES

30005 S1/S2	<u>Art I (9,10,11,12)</u>	Year
	Art I emphasizes the development of fundamental drawing skills. Focus will be on the application of art theory, processes and techniques that increase the power of observation. Instruction includes the elements and principles of design as applied in composition through hard copy and/or electronic software.	

22997 S1/S2	<u>Online College Experience (11,12)</u>	Semester
	Concurrent credit courses offer students an opportunity to earn both high school and college credit through an agreement between a MdCV High School and a secondary college. Students independently enroll in an online (minimum 3-hour) college course. For every 3-credit hours taken online, students will be enrolled in one elective hour at MdCV High School. Refer to the MdCV HS Student Participation Form found on page 57 that outlines the required expectations.	
	<u>PREREQUISITE:</u> COLLEGE ENROLLMENT	
	<u>NOTE:</u> COUNSELOR APPROVAL; MdCV STUDENT PARTICIPATION FORM SIGNED & RETURNED	

22051 S1/S2	<u>Office Aide (11,12)</u>	Year
	Office Aide courses provide students with the opportunity to work in campus offices, developing skills related to clerical office work. Duties may include typing, filing, record-keeping, receiving visitors, answering the telephone, and duplicating, among others. These courses emphasize appropriate work attitudes, human relations, and proper office procedures.	
	<u>NOTE:</u> COUNSELOR APPROVAL; STUDENTS WILL RECEIVE A PASS/FAIL GRADE	

22004 S1/S2	<u>Academic Support (9,10,11,12)</u>	Year
	This class is designed to provide support services for students who are experiencing difficulties in one or more of the required core classes for graduation (i.e. math, science, history, English). Placement is determined by the following factors, but not limited to, one or the following: failed core classes, poor attendance, and/or below grade level MAP or state assessment results. Students may also be recommended by the Student Improvement Team. Students will be instructed in organizational skills, test preparation skills, time management, problem solving, and task completion; in addition to, receiving services to improve scores on MAP and state assessments.	
	<u>NOTE:</u> Students who are identified for special education classes will not be enrolled in this class.	

22006 S1/S2	<u>Supported Study Skills (9,10,11,12)</u>	Year
	This class provides support services for students in grades 9-12 who are identified as eligible for special education classes.	
	<u>PREREQUISITE:</u> STUDENT MUST BE ON AN IEP	

22005	<u>E2020 Credit Recovery (10,11,12)</u>	Semester
	This class is a computerized credit recovery program that provides students the opportunity to retake a failed class through the online E2020 program.	
22998 S1/S2	<u>Work Experience (12)</u>	2nd Semester
	Work Experience provides students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. Note: if the particular subject area is known, use the code associated with the Workplace Experience course within that subject area. <u>NOTE:</u> COUNSELOR APPROVAL; CREDIT WILL BE ASSIGNED ON A PASS/FAIL BASIS	
22106 S1/S2	<u>CAP (9,10,11,12)</u>	Year
	Career and Academic Planning (CAP) offers a small peer group the opportunity to develop post-secondary skills such as work ethic, career and college planning, interpersonal skills, self-management, communication and critical thinking skills. Curriculum will come from established programs such as Xello, 7 Mindsets, as well as, teacher resources. CAP will also be used for extra-curricular activity meetings, college rep visits, and grade checks.	

WASHBURN TECH

(Refer to Washburn Tech's website for a complete listing of programs.)

20106 S1/S2	<u>WT Auto Service Technician (11,12)</u>	2-Year
	The Auto Service Technician program prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. Instruction includes basic theory and familiarization of automotive components, engine repair and performance, steering and suspension, automatic and manual transmission and transaxle, brakes, electricity/electronics, and heating and air conditioning systems. Hands-on activities are included for foundation and advanced courses. Student owned tools and tool boxes are required for advanced courses. Students in Applied Engine Performance will graduate certified in air conditioning. Students are required to purchase work shirts to be worn throughout the program. <u>CERTIFICATIONS:</u> ASE STUDENT; SP/2 (SAFETY AND POLLUTION PREVENTION); MACS 609; SNAP-ON EEDM-525 MULTIMETER; SNAP-ON VERUS DIAGNOSTIC; OSHA-10	
17047 S1/S2	<u>WT Cabinet/Millwork (11,12)</u>	Year
	The cabinet and millwork program provides both theory and hands-on instruction. You will learn to work with blueprints, specifications and shop drawings as well as operate power tools and equipment in design, layout and construction of projects. Our instructor emphasizes selecting proper materials, determining the best procedures, manufacturing parts to specification, assembling and finishing. You will learn to plan, estimate and execute projects. Half-day students can finish in four semesters. Upon completion, you will earn a 48-credit-hour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn University. <u>CERTIFICATIONS:</u> OSHA-30, NCCER CORE & CABINETRY I <u>PREREQUISITE:</u> ACCUPLACER SCORE OF 4 IN BOTH READING AND MATH	
40228 S1/S2	<u>WT Climate & Energy Control Technologies (11,12)</u>	2-Year
	The Climate and Energy Control Technology program presents technical training to students in the areas of electricity, heating, residential air conditioning, refrigeration, sheet metal fabrication, direct digital controls (DDC) & commercial HVAC applications. This program provides students with industry credentialing in the areas of refrigerant handling safety, tool usage and control fundamentals. Foundational skills and principles learned in this program prepare students to work in the commercial and residential HVAC market place. <u>CERTIFICATIONS:</u> 410A SAFETY; BUILDING AUTOMATION LEVEL 1; EPA 608; HVACR ICE; METER CERTIFICATION; OSHA-10; TOOL SAFETY	

19101 S1/S2	<u>WT Cosmetology (11,12)</u> This 52-credit-hour program provides graduates with the knowledge and skills they need to work in cosmetology. Students will learn how to artistically integrate haircutting and hairstyling for all clientele types, manage their hair color and permanent waving, apply facials and skincare as well as marketing and salon customer service. Half-day students can complete the program in 24 months. Upon successful completion, you will be prepared to earn a license from the Kansas Board of Cosmetology. <u>CERTIFICATIONS:</u> KS BOARD OF COSMETOLOGY LICENSE, OSHA-10 <u>PREREQUISITE:</u> ACCUPLACER SCORE OF 4 IN BOTH READING AND MATH	Year
44060	<u>WT Emergency Medical Technician (11,12)</u> This program is sponsored by Washburn Tech and is approved by the Kansas Board of Emergency Medical Services. It is based on current information and techniques considered to be the responsibility of the EMT according to the National Highway Traffic and Safety Administration, National Standard Curriculum, as enriched by the Kansas Board of EMS. This course exceeds the state and national requirements. It consists of a minimum of 140 hours of didactic and psychomotor skills in the classroom. This program consists of didactic and psychomotor skills instruction; skills demonstrations; clinical and field experience; orientation to the emergency department and ambulance; and an extrication class. The course will also contain simulated experiences in patient care and handling. This knowledge must be learned and maintained in order to function effectively as an EMT as it is an applied science. <u>CERTIFICATIONS:</u> CERTIFIED EMT	Semester
14157	<u>WT Health Care Technology (11,12)</u> This semester-long program is designed for high school students, preparing to become a nurse aide, nutrition assistant or looking for home health aide training. The curriculum will introduce you to basic patient care skills, medical terminology and systems of the human body. The 13-credit-hour program will prepare you to become certified as both a nurse aide and home health aide. It also serves as the foundation for more advanced health care programs at Washburn Tech such as practical nursing and surgical technology. Upon completion, you will be eligible to take both the CNA and HHA exams from the Kansas Department of Aging and Disability Services. <u>CERTIFICATIONS:</u> CERTIFIED NURSE AIDE OR CNA; HOME HEALTH AIDE CERTIFICATION	Semester
10003 S1/S2	<u>WT Information Systems Technology (11,12)</u> This program prepares students to become proficient computer service professionals and network technicians and pass the following exams: A+ Certification Exams, Microsoft Certified Professional (MCP), and Cisco Certified Network Associate (CCNA). First year instruction includes micro-computer hardware, Microsoft operating systems, Linux, network operating systems, directory services, security, web services, LAN/WAN technologies, and messaging services. Second year instruction incorporates first year topics and prepares students to install, configure, and operate local, wide-area, and multi-layer switched networks. <u>CERTIFICATIONS:</u> COMPTIA A+ CERTIFICATION; MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE (MCSA); HIT-001-HEALTHCARE IT TECHNICIAN; OSHA-10	2-Year
39207 S1/S2	<u>WT Welding (11,12)</u> This program will prepare you to apply technical knowledge and skills when bonding or cutting metal parts. Instruction, both formal and self-paced, includes shielded metal arc welding, gas metal arc welding, flux cored arc welding, gas tungsten arc welding and cutting processes. Emphasis also is placed on quality assurance and control, print reading, safety and workplace skills. High school students can finish in four semesters. Upon completion, you will earn a 48-credit-hour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn University. <u>CERTIFICATION:</u> OSHA-10 <u>PREREQUISITE:</u> ACCUPLACER SCORE OF 4 IN BOTH READING AND MATH	Year

Career Pathways **at MdCV HS**

Career Pathways At MdCV High School

Career and Technical Education (CTE) pathways allow students to be more prepared for their future. CTE can provide a student what is needed to succeed in their chosen career field: technical skills, academic skills and employability skills. In addition, CTE coursework helps students attain the skills and knowledge necessary to meet the needs of future employers. Regardless of whether students are headed for college or the workforce, CTE courses will help them prepare for life after high school.

Each pathway contains one or more articulation agreements with post-secondary institutions. Statewide articulation agreements are created to enable Kansas high school graduates to have a smooth transition from their high school CTE pathway to the corresponding occupational program at the postsecondary level. Any Kansas high school graduate who meets the requirements of an articulation agreement may utilize the agreement to obtain college credit, scholarships, tuition waivers, or other benefits as stated in each agreement. Students should visit with their counselor or CTE teacher regarding the specifics of each articulation agreement.

For a student to be deemed a “completer” of a pathway, the student must have completed a minimum of three secondary level credits in a single CTE pathway, with at least two of those credits being a combination of technical and application level courses. MdCV High School pathway clusters and individual pathway charts including courses for each are listed below:

Introductory Courses	Technical Courses	Application Courses
<u>Animal Science Pathway</u>		
Agriscience 1 credit	Animal Science 1 credit	Agribusiness 1 credit Ag Comm & Leadership 1 credit Equine Science 1 credit Vet Tech 1 credit Internship in Ag 1 credit
<u>Comprehensive Agricultural Science Pathway</u>		
Agriscience 1 credit	Animal Science 1 credit Horticulture 1 credit Env Resources & Wildlife Mgt 1 credit Plant & Soil Science 1 credit	Ag Comm & Leadership 1 credit Agribusiness 1 credit Internship in Ag 1 credit
<u>Power, Structural, & Technical Systems Pathway</u>		
Agriscience 1 credit	Ag Mechanics 1 credit	Advanced Ag Mechanics 1 credit Agribusiness 1 credit Ag Comm & Leadership 1 credit Internship in Ag 1 credit
<u>Business Management & Entrepreneurship Pathway</u>		
Business Essentials .5 credit	Entrepreneurship .5 credit Business Communications .5 credit Culinary Arts I 1 credit	Applied Business Development 1 credit
<u>Restaurant & Event Management Pathway</u>		
Business Essentials .5 credit	Culinary Essentials .5 credit Event Planning & Management .5 credit Apparel Production .5 credit	Applied Business Development 1 credit

Excel In CTE

Online Opportunities

Excel in CTE Online Opportunities

Thanks to the Excel in CTE Initiative (SB155), Kansas high school students can take specific career technical courses **tuition-free**. Courses on the Excel in CTE list are available to high school juniors and seniors at no cost except textbook and materials fees (if applicable). The tuition-free list is set by the Kansas Board of Regents and is subject to change with little or no notice.

Each Kansas college has a different list of approved classes, so please pay attention to what is covered at each separate college. To give you an idea of some of the Excel in CTE opportunities, check out these colleges:



**Check with
Mrs. McCullough
before enrolling!**

Allen Community College

- allencc.edu
- Select the Menu tab, then Course Schedule. Select the semester and year you are inquiring about, then scroll to the bottom and check the box next to Career Technical Education Incentive Program (SB155).

Barton Community College

- <https://bartonccc.edu/highschool/senatebill>

Cloud County Community College

- <https://www.cloud.edu/academics/concurrent/cte-initiative/>

Colby Community College

- [https://www.colbycc.edu/Assets/Documents/Students/Outreach/Semester-updates/SB155%20Fall%202021_Print%20\(1\).pdf](https://www.colbycc.edu/Assets/Documents/Students/Outreach/Semester-updates/SB155%20Fall%202021_Print%20(1).pdf)

Fort Scott Community College

- <https://www.fortscott.edu/ConcurrentEnrollment/SB155>

Johnson County Community College

- <https://www.jccc.edu/admissions/early-college/high-school-concurrent-enrollment/sb-155.html>

Highland Community College

- <https://highlandcc.edu/pages/kansas-high-school-students>

**Do not limit yourself to only these colleges!
Check out any colleges in Kansas that offer Excel in CTE courses.**

Washburn Tech



5 SIMPLE STEPS TO BECOMING A WASHBURN TECH STUDENT



- 1**Apply Online
- 2**Meet With Recruiter
- 3**Take Accuplacer *
- 4**Submit Transcript(s)
- 5**Pay Enrollment Fee (adults)

DISCOVER YOUR PATH

and what Washburn University Institute of Technology has to offer you, including program overviews, requirements and what you need to do to get started.

PROGRAM	MATH	READING	PROGRAM	MATH	READING
Advanced Systems Technology	6	5	Electrical	6	5
Auto Collision & Repair	4	4	Emergency Medical Technician	5	5
Automotive Service Technician	4	4	Foundations of Healthcare	4	4
Building Technology (Carpentry)	4	4	Graphics Technology	4	4
Cabinet/Millwork	4	4	Heavy Diesel Construction Technology	4	4
Certified Medication Aide	5	5	Home Health Aide	4	4
Certified Nurse Aide	4	4	Information Systems Technology	5	5
Climate & Energy Control Technologies (HVAC)	5	5	Machine Tool	4	4
Cosmetology	4	4	Phlebotomy	4	4
Culinary Arts	4	4	Technical Drafting	5	4
Diesel Technology	4	4	Welding Technology	4	4
Early Childhood Professional	4	4			

For more information, visit <https://washburntech.edu/career-programs/index.html>.

Advanced Systems Technology

Length: 2 Years

Begins: Every August & January

Train on the latest, state-of-the-art technology. You will study topics such as mechanical systems, hydraulics, controls and pneumatics and earn OSHA-10 safety certification. This 48-credit-hour program also covers welding, machine tool and robotics. Additional courses are recommended such as technical communication and computer applications.

Upon completion, you may be eligible to complete an associate degree or more advanced degrees at Washburn University.

Certifications: OSHA-10

Entry Requirements

- Level 6 Math Accuplacer
- Level 5 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/manufacturing-training/advanced-systems.html>

Careers In Advanced Systems Technology

- Foundry Equipment Mechanic
- Hydroelectric Mechanic
- Bag Machine Adjuster
- Product Line Mechanic
- Factory Maintenance
- Crane Oiler
- Millwright
- Boilerhouse

Auto Collision & Repair

Length: 2 Years

Begins: Every August

This program prepares you with technical knowledge and skills to repair, reconstruct and refinish automobile bodies. Our hands-on curriculum covers the areas of structural, nonstructural, mechanical, electrical, refinishing, damage estimation and safety.

Upon completion, you will earn a 51-credit-hour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn University.

Certifications: I-CAR PDP-PRO I – Refinish, I-CAR PDP-PRO I – Nonstructural, I-CAR Intro to Collision Repair, 6-H Stripping & Coatings, SP-2 Collision Safety, SP-2 Collision Pollution Prevention, OSHA-10, AC-Refrigerant Handling, Forklift Safety, I-CAR Steel Welding

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/transportation/auto-body-repair.html>

Careers In Transportation

- Body Shop
- Custom Shop
- Refinish Tech
- Product Sales
- Estimator
- Service Tech
- Field Service Tech
- Damage Appraiser

Auto Service Technician

Length: 2 Years

Begins: Every August & January

Washburn Tech provides training that uses high-tech diagnostic and repair tools on a fleet of late-model vehicles in a new, cutting-edge facility. Instruction includes basic theory and familiarization of automotive components, engine repair and performance, steering and suspension, automatic and manual transmission, brakes and electricity/electronics. The program is nationally certified and includes both classroom and hands-on learning.

Upon completion, students can earn a 52-credithour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn University.

Certifications: ASE Student, SP/2 (Safety/Pollution Prevention), MACS 609, Snap-on EEDM-525 Multimeter, Snap-on Verus Diagnostic, OSHA-10

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/transportation/auto-mechanic.html>

Careers In Transportation

- Auto Repair
- Auto Parts
- Auto Marketing
- Auto Machinist
- Fleet Maintenance
- Body Repair
- Sales Representative
- Estimator

Building Technology (Carpentry)

Length: 1 Year

Begins: Every August

This program, also called Carpentry, covers basic theory and hands-on experience in carpentry, framing and masonry.

Certifications: ASE Student, SP/2 (Safety/Pollution Prevention), MACS 609, Snap-on EEDM-525 Multimeter, Snap-on Verus Diagnostic, OSHA-10

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer
- National Center for Construction Education and Research (NCCER) regulations require students to have a social security card to be eligible to take the exam in NCCER Core. Therefore, you must present your social security card on the first day of class.

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/construction-training/building-technology.html>

Careers In Carpentry

- Drywaller
- Floor Installer
- Framer
- Educator
- Building Carpenter
- Commercial Carpenter
- Counter Installer
- Building Inspector

Cabinet/Millwork

Length: 2 Years

Begins: Every August

The cabinet and millwork program provides both theory and hands-on instruction. You will learn to work with blueprints, specifications and shop drawings as well as operate power tools and equipment in design, layout and construction of projects. Our instructor emphasizes selecting proper materials, determining the best procedures, manufacturing parts to specification, assembling and finishing. You will learn to plan, estimate and execute projects.

Upon completion, you will earn a 48-credit-hour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn University.

Certifications: OSHA-30, NCCER Core & Cabinetry I

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer
- The National Center for Construction Education and Research (NCCER) regulations require students to have a social security card to be eligible to take the exam in NCCER Core, Therefore, you must present your social security card on the first day of class.

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/construction-training/cabinet-millwork.html>

Careers In Carpentry

- Cabinet Builders
- Cabinet Finishers
- Bandmill Operator
- Educator
- Furniture Refinisher
- Wood Model Makers
- Hardwood Sawyers
- Sawing Machine Operator

Certified Medication Aide

Length: 1 Semester

Begins: Every August & January

The certified medication aide (CMA) course introduces the basic concepts of medication administration including drug classifications, drug action and nursing implications for specific drugs. You will gain hands-on experience by working in a clinical setting. High school seniors, who are at least 18 years old, as well as adult students are eligible to enroll in this five-credit-hour course.

Upon completion, you will be prepared to take the Medication Aide Certification exam from the Kansas Department of Aging and Disability Services. However, as stipulated by law, you must be 18 years of age to take the certification exam.

Certifications: Certified Medication Aide

Entry Requirements

- Level 5 Math Accuplacer
- Level 5 Reading Accuplacer
- You must be 18 years old to take the certification exam
- You must have a current Kansas CNA license to enroll
- You must present your social security card the first day of class

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/health-care/cma-program.html>

Careers As A Certified Medication Aide

- Healthcare
- Home Plus
- Nursing Home
- Assisted Living
- Clinics
- In-Home Care
- Hospice
- Corrections Facility
- Any Long-Term Care Setting

Certified Nurse Aide

Length: 1 Semester

Begins: Schedules vary by instructor

Our CNA classes are designed for those wanting to earn a nurse aide certification from the State of Kansas. Based on the state's certified nurse aide curriculum, this program covers 90 hours of instruction with students receiving classroom and hands-on clinical experience. High school juniors and seniors as well as post-secondary students are eligible for this program, which is a prerequisite for the Certified Medication Aide, Home Health Aide and Practical Nursing programs.

Upon completion, you will be prepared to take the Nurse Aide Certification exam from Kansas Department of Aging and Disability Services. You must bring a copy of your social security card and a photo ID to the first day of class.

Please note: Many of our clinical partners are requiring students to have the vaccine in order to complete clinical hours. Due to accrediting body and program clinical requirements, Washburn Tech cannot guarantee that requirements for program completion can be met when a student is not vaccinated.

Certifications: Certified Nurse Aide, OSHA-10, Paid Nutrition, STEPPS

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer
- Students are required to obtain a physical, TB test and tetanus booster
- You must present your social security card the first day of class

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/health-care/cna-program.html>

Careers As A Certified Nurse Aide

- Nursing Homes
- Hospitals
- Assisted Living and Retirement Communities
- Home Healthcare
- Government Facilities
- Clinics
- Hospice

Climate & Energy Control Technologies (HVAC)

Length: 2 Years

Begins: Every August

The program operates out of the Midwest Training Center, a state-of-the-art facility in partnership with Trane, Snap-on and the National Coalition of Certification Centers. You will study electricity, heating, residential air conditioning, refrigeration, sheet metal fabrication, direct digital controls (DDC) and commercial HVAC applications. You can leave with industry credentials in the areas of refrigerant handling safety, tool usage and control systems.

Upon completion, you will earn a 44-credit hour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn University.

Certifications: EPA 608, 410A Safety Certification, OSHA-10, Tool Safety, Meter Certification, Building Automation Level I, HVACR ICE

Entry Requirements

- Level 5 Math Accuplacer
- Level 5 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/construction-training/hvac-training.html>

Careers In HVAC

- Residential
- Commercial
- Industrial
- Sales
- Solar Technician
- Wind Turbine Tech
- Systems Designer
- Service Manager

Cosmetology

Length: 2 Years

Begins: Every August

This program provides graduates with the necessary knowledge and skills they need to work in the field of cosmetology. Our 51-credit-hour-program includes classroom and clinical instruction that totals 1,500 hours, as required by the Kansas Board of Cosmetology. Students will learn how to artistically integrate haircutting and hairstyling for all clientele types, manage hair color and permanent waving, apply facials and skin care as well as marketing and salon customer service.

Upon successful completion, you will be prepared to earn a license from the Kansas Board of Cosmetology.

Certifications: KS Board of Cosmetology license, OSHA-10

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer
- Students must have their state issued ID and social security card the first day of class
- Students may have to get a background check

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/hospitality-management/cosmetology.html>

Careers In Cosmetology

- Hairstylist
- Barber
- Fashion Show Stylist
- Hair Color Specialist
- Barbershop or Salon Owner

Culinary Arts

Length: 2 Years

Begins: Every August

This program prepares you to be a productive member of any restaurant or culinary staff. You will learn culinary math, food safety and sanitation, use and care of equipment and food preparation and cooking skills. Instruction also covers baking, purchasing and menu planning, as well as restaurant supervision and management. Students must pass the ServSafe certification early in the program.

Upon completion, you will earn a 48-credit-hour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn University.

Certifications: ServSafe, OSHA-10

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/hospitality-management/culinary-arts.html>

Careers In Hospitality

- Food Service Manager
- Restaurant Manager/Owner
- Sales Representative
- Corporate Chef
- Restaurant Chef
- Personal Chef
- Caterer
- Pastry Chef

Diesel Technology

Length: 2 Years

Begins: Every August & January

This 49-credit-hour program prepares you to apply technical knowledge and skills to work on light and heavy wheeled diesel-powered equipment. Instruction, covering several types of equipment, includes tune-up and overhauling, transmissions and differentials. You also may complete an Associate of Science Degree or more advanced degrees at Washburn University.

Certifications: OSHA-10

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/transportation/diesel-mechanic-training.html>

Careers In Transportation

- Dealership
- Private Garage
- Car/Truck Shop
- Bus Company
- Fleet Maintenance
- Farm Equipment Repair
- Sales Representative
- Educator

Early Childhood Professional

Length: 1 Year

Begins: Every August

Our early childhood education program provides training in the processes and principles of child growth and development. Instruction emphasizes social, emotional, physical and cognitive development in addition to support services for children. You will gain hands-on experience by working in the licensed child care center on our campus, Little Learners at Washburn Tech.

Upon completion, you will earn a 24-credit-hour technical certificate and be eligible to complete a more advanced degree at Washburn University.

Certifications: CPR, First Aid

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer
- Students are required to obtain a Physical and TB test
- Students are required to complete paperwork for a background check upon starting. This paperwork must be returned to Washburn Tech prior to starting the program.

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/hospitality-management/early-childhood-training.html>

Careers In Hospitality

- Child Care Center Worker
- Preschool Teacher
- Family Support Worker
- After-School Care
- Nanny
- Play Therapist
- Youth Worker
- Teaching Assistant

Electrical

Length: 1 Year

Begins: Every August

This program prepares you for work in electrical construction and maintenance. Instruction includes safety, electrical theory, blueprint reading, wiring, electrical construction and residential/commercial electricity.

Upon completion, you will earn a 30-credit-hour technical certificate and may be eligible to enter an electrical union's apprenticeship program at the second level.

Certifications: OSHA-30, NCCER Core, NCCER Field Safety, NCCER Electricity Level I

Entry Requirements

- Level 6 Math Accuplacer
- Level 5 Reading Accuplacer
- The National Center for Construction Education and Research (NCCER) regulations require students to have a social security card to be eligible to take the exam in NCCER Core, Therefore, you must present your social security card on the first day of class.

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/construction-training/electrical-training.html>

Careers As An Electrician

- Construction
- Maintenance
- Industrial
- Line Worker
- Network Cabling
- Security System Installer
- Residential
- Renewable Energy

Emergency Medical Technician

Length: 1 Semester

Begins: Every January, May & August

The program provides special skills, knowledge and the teamwork concepts necessary for earning certification as an EMT in Kansas. You will receive 200 hours of instruction, consisting of both didactic and psychomotor skills in the classroom. Our nine-credit-hour program exceeds state and national requirements, and is based on current information and techniques considered the responsibility of the EMT.

Upon completion, you will be prepared to take the national EMT exam. You must be 18 years old to take both the Kansas and national EMT certification exams. You also must be at least 18 years old to take this course.

Certifications: Certified EMT

Entry Requirements

- Level 5 Math Accuplacer
- Level 5 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/health-care/emt-training.html>

Careers For An EMT

- County EMT
- Police Medic
- Military Medic
- EMT Trainer
- ER Technician
- Contract Medic
- Offshore Medic
- Industrial Medic

Foundations of Healthcare

Length: 1 Semester

Begins: Every August & January

This semester-long program is designed for high school students preparing to become a nurse aide, nutrition assistant or looking for home health aide training. The curriculum will introduce you to basic patient care skills, medical terminology and systems of the human body. The 13-credit-hour program will prepare you to become certified as both a nurse aide and home health aide. It also serves as the foundation for more advanced health care programs at Washburn Tech such as practical nursing and surgical technology.

Upon completion, you will be eligible to take both the CNA and HHA exams from the Kansas Department of Aging and Disability Services.

Certifications: Certified Nurse Aide or CNA; Home Health Aide Certification

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer
- Must present your social security card on first day of class

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://www.washburntech.edu/career-programs/health-care/health-care-technology.html>

Careers In Healthcare

- Practical Nurse
- Surgical Tech
- Phlebotomist
- Registered Nurse
- EMT
- Educator
- Therapist
- Physician

Graphics Technology

Length: 2 Years

Begins: Every August & January

Our program provides instruction on the basics of graphic design software such as Adobe InDesign, Adobe Illustrator and Adobe Photoshop through tutorials, hands-on activities, client-driven projects and internship opportunities.

Upon completion, you will earn a 48-credit-hour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn University.

Certifications: Adobe Illustrator, InDesign & Photoshop

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer
- Due to the popularity of this program, applicants must go through a competitive enrollment process. Please talk with a Washburn Tech recruiter for details.

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/drafting-design/graphic-design.html>

Careers In Graphic Design

- Agency Work
- Art Director
- Web Design
- Product Design
- Publishing House
- Internal Design Departments
- Media Companies
- Digital Design Company

Heavy Diesel Construction Technology

Length: 2 Years

Begins: Every August & January

This program is housed in one of the region's premiere training labs. Thanks to corporate partners CASE Construction and The Victor L. Phillips Company, you can train on the newest equipment and latest technology while following industry-guided curriculum, course structure, content, competencies and assessments.

Upon completion, you can earn a 5-credit-hour technical certificate. You also may complete an Associate of Science Degree or more advanced degrees at Washburn University.

Certifications: Heavy-Duty Fleet Safety, Pollution Prevention, HAZMAT - Auto Dealers, Supervisor's Course, Mechanical Safety, Mechanical Pollution Prevention, OSHA-10

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/transportation/diesel%20heavy%20construction.html>

Careers In Heavy Diesel

- Dealership
- Estimator
- Fleet Repair
- Fleet Sales
- Construction Company
- Parts Representative
- Field Mechanic
- Ag Operation Mechanic

Home Health Aide

Length: 1 Semester

Begins: Every August & January

You must be a CNA to enroll in this part-time course, which offers two hours of credit. The program provides the foundation for more advanced healthcare programs at Washburn Tech such as practical nursing and surgical technology.

Upon completion, you will be eligible to earn a home health aide certificate after passing the Kansas Department for Aging and Disability Services exam.

Certifications: Home Health Aide

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer
- Must present your social security card on first day of class

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/health-care/health-care-technology.html>

Careers In Healthcare

- Practical Nurse
- Registered Nurse
- Phlebotomist
- EMT
- Medication Aide
- Surgical Tech
- Educator
- Therapy Assistant

Information Systems Technology

Length: 2 Years

Begins: Every August

The first two semesters of this half-day program provide a hands-on introduction to the inner workings of computers. Instruction covers computer hardware, Microsoft and Linux network operating systems, directory services, cyber security, Web service, LAN/WAN technologies and messaging services. The final two semesters provide the opportunity to set-up and maintain networking devices such as routers, switches and WAN connections to share data and resources on the network.

Upon successful completion, you will earn a 48-credit-hour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn University.

Certifications: CompTIA A+, CompTIA Network+, CompTIA Security+, MD-100 Microsoft Windows 10, Red Hat Certified System Admin, Cisco Certified Network Association

Entry Requirements

- Level 5 Math Accuplacer
- Level 5 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/computer-courses/IST.html>

Careers In Information Technology

- Hardware Engineer
- Data Architect
- Solutions Architect
- Tech Support
- Network Administrator
- Computer Network Architect
- Site Reliability Engineer
- Computer Systems Analyst

Machine Tool

Length: 2 Years

Begins: Every August

In this program, you will learn to read technical information on blueprints along with sketching, angles, tapers, gearing and precision measuring. Instruction also includes hands-on training in the operation of machine tools, such as the engine lathe, milling machine, surface grinder, drill press, computerized numerical control milling machine and computerized numerical control lathe.

Upon completion, you will earn a 48-credit-hour technical certificate and a NIMS certificate. You also may be eligible to complete an associate or more advanced degrees at Washburn University.

Certifications: NIMS, OSHA-10

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/manufacturing-training/tool-training.html>

Careers As A Machinist

- Auto Machinist
- Die Maker
- CNC Machinist
- Gear Machinist
- Jig Bore Tool Maker
- Factory Maintenance
- Manual Lathe Machinist
- Metal Die Finisher

Fast-Track Machine Tool

Length: 1 Year

Begins: Every August & January

You will learn to read technical information on blueprints along with sketching, angles, tapers, gearing and precision measuring. You also will receive hands-on training in the operation of machine tools, such as the engine lathe, milling machine, surface grinder, drill press, computerized numerical control milling machine and computerized numerical control lathe.

Upon completion, you will earn a 23-credit-hour technical certificate and a NIMS certificate.

Certifications: NIMS, OSHA-10

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/manufacturing-training/fast-track%20tool%20training.html>

Careers As A Machinist

- Auto Machinist
- Die Maker
- CNC Machinist
- Gear Machinist
- Jig Bore Tool Maker
- Factory Maintenance
- Manual Lathe Machinist
- Metal Die Finisher

Phlebotomy

Length: 1 Semester

Begins: Every August & January

Washburn Tech's phlebotomy certificate program was created in response to high area demand for trained phlebotomists. The one semester, 10-credit-hour program is designed to prepare you to sit for the credentialing exam offered by the American Medical Technologist organization. This half-day program replaces the current apprenticeship model of phlebotomy training utilized by area hospitals and provides a trained workforce for the medical community. Current on-the-job training requires a significant amount of time and resources from the hiring agency which often results in higher than average turnover. As a result, this new model requires training to take place prior to employment.

Certification: Registered Phlebotomy Tech

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer
- Students must be 18 years of age or older to enroll in this program. For fall semester must be 18 by October 1st. For spring semester must be 18 by March 1st. For summer semester must be 18 by June 1st.
- Must have current physical and TB skin test
- Must have Tdap, MMR, hepatitis B series-first vaccine must have been started, COVID-19 vaccine, varicella vaccine or titer, and seasonal flu shot
- Must have valid health insurance (must remain active during the entire program)

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://www.washburntech.edu/career-programs/health-care/Phlebotomy.html>

Careers In Healthcare

- Lab Tech
- Histotechnician
- Pathologist Assistant
- Medical Asst.
- Cytotechnologist
- Practical Nurse
- Registered Nurse
- Physician

Technical Drafting

Length: 2 Years

Begins: Every August

Our program provides hands-on experience in the proper use of drafting tools, software and equipment. You will learn to prepare drawings and reproductions, and develop skills, knowledge and techniques for use in a variety of areas in the drafting field. Our program focuses on the fundamentals of CAD, emphasizing the use of computer hardware and software in processing and retrieving drawings and data files. Emphasis is placed on 3D modeling. Other areas of study include applied algebra, geometry and trigonometry, as well as scientific and physical principles of construction and manufacturing materials and techniques.

Upon completion, you will earn a 48-credit-hour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn.

Certification: OSHA-10

Entry Requirements

- Level 5 Math Accuplacer
- Level 4 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/drafting-design/technical-drafting.html>

Careers In Drafting

- Cad Drafters
- Cad Designers
- Auto Design
- Architectural
- Building Drafters
- Blueprint Tracers
- Aeronautical Drafters
- Circuit Board Drafters

Welding

Length: 2 Years

Begins: Every August

This program will prepare you to apply technical knowledge and skills when bonding or cutting metal parts. Instruction, both formal and self-paced, includes shielded metal arc welding, gas metal arc welding, flux cored arc welding, gas tungsten arc welding and cutting processes. Emphasis also is placed on quality assurance and control, print reading, safety and workplace skills.

Upon completion, you will earn a 48-credit-hour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn University.

Certification: OSHA-10

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/manufacturing-training/welding.html>

Careers In Welding

- Manufacturing
- Shipfitter
- Weld Educator
- Weld Inspector
- Underwater Welder
- Pipefitter
- Boilermaker
- Ironworker

Fast-Track Welding

Length: 1 Year

Begins: Every August & January

Our fast-track program will prepare you to apply technical knowledge and skills when bonding or cutting metal. Instruction, both formal and self-paced, includes shielded metal arc welding, gas metal arc welding, gas tungsten arc welding and cutting processes. Emphasis also is placed on quality assurance and control, print reading and welding safety.

Upon completion, you will earn a 24-credit-hour technical certificate.

Certifications: 3G AWS Certification, OSHA-10

Entry Requirements

- Level 4 Math Accuplacer
- Level 4 Reading Accuplacer

For program syllabus, technical standards, textbook/supplies and cost sheet, visit:

<https://washburntech.edu/career-programs/manufacturing-training/fast-track%20welding.html>

Careers In Welding

- Manufacturing
- Shipfitter
- Weld Educator
- Weld Inspector
- Underwater Welder
- Pipefitter
- Boilermaker
- Ironworker

Enrollment

Concurrent & CTE

MdCV HS Student Participation Form

Expectations for Washburn Tech/Concurrent Enrollment

Student Name _____

Grade _____

Post-Secondary School/Course Name _____

The following requirements must be fulfilled for students enrolling in Washburn Tech and/or concurrent course(s):

- I understand it is my responsibility to contact the college I wish to attend to receive registration, orientation, admission, and assessment information. It is my responsibility for knowing the deadlines for enrollment, refunds, withdrawal, payment, etc.
- I will contact Mrs. McCullough as soon as my college registration is complete. My MdCV High School class schedule will not be finalized until I present a copy of my college registration with course titles and college credit values. This must be provided before the first day of class, according to the USD 456 district calendar, each semester.
- Once a college course begins, I will not be considered for a schedule change until the end of the semester.
- I am responsible for the purchase/return of textbooks, tuition, materials, fees, etc.
- I shall utilize USD 456 transportation to the college, unless other arrangements have been made with Mr. Sample. USD 456 and/or the college are not responsible for insurance coverage during transportation time when utilizing other than school furnished transportation between either sites. Liability and health coverage are the personal responsibility of my family/guardian during this time.
- I will attend class whenever it is in session. The only exception is when USD 456 is closed due to inclement weather.
- When absent from class, I am responsible for contacting MdCV High School in addition to my college instructor. Compliance with the attendance and tardy regulations of both the college and MdCV High School is required in order for full credit to be awarded.
- It is my responsibility to ensure I am taking the proper number of credits and necessary courses required for graduation.
- Colleges are unable to send weekly progress reports to the high school. It is my responsibility of knowing my grades. I have the ability to view my grades at any time. Washburn Tech students can view grades on their d2l.washburn.edu student portal. ACC students can view grades on their MyAllen student portal.
- Each week (by Friday at 3:30 p.m.) I will provide Mrs. McCullough a copy of my progress report. Failure to do so will result in an "F" being entered into PowerSchool for this class(es) until the next scheduled grade check. Eligibility will be affected.
- I understand that a failing grade may result in academic ineligibility consequences until the grade is passing. I realize this is a college class taught by college instructors so grades may not be updated as frequently as needed for eligibility purposes.
- I will not withdraw from a concurrent course before contacting Mrs. McCullough. Students who withdraw from a course taken concurrently must do so at the high school and college. Withdrawing from the course at the high school and not withdrawing from the course at the college will result in a failing grade at the college. Withdrawing from a concurrent course will automatically result in an F on your MdCV High School transcript.
- I agree to abide by all rules and regulations of USD 456 and the college in which enrolled. Repeated infractions of attendance, academic, disciplinary, or behavioral requirements will result in suspension from the program and/or denial of credits. If I am dismissed from the college, credit will not be awarded, and an F will be placed on your MdCV High School transcript.
- I understand that all grades earned concurrently will be averaged at face value into my high school GPA. My final grade(s) will appear on both my MdCV High School transcript and the permanent college transcript. I understand that poor grades may affect future financial aid and scholarship eligibility.
- It is my responsibility for checking with universities as it pertains to courses transferring for college credit, as well as, knowing the incoming status as a college freshman. I realize this can affect the status of financial aid and scholarships.
- For Washburn Tech Enrollment: Students who successfully complete a semester/year of a CTE Program of Study can receive a semester/year credit in Technical Math, Technical English, and/or Technical Science. These credits will be awarded on a pass/fail basis. A student completing only a portion of a program and/or failing to pass a course will not achieve sufficient course outcomes/objectives/standards to receive the high school credit and may jeopardize his/her high school graduation. Please note, these credits are not considered the best prep for a 4-year college program.

Please return this form to Mrs. McCullough. [Make a copy for your records before turning in.]

By signing below, I (student and parent/guardian) hereby grant permission for the exchange of educational information between the college indicated above and USD 456. I understand the information shared will only be given to individuals who work directly with my student regarding their academic success. I have read, understand, and will be responsible for the information provided in this document.

Student Signature _____

Date _____

Parent/Guardian Signature _____

Date _____

ACC Admissions

<u>Contacts:</u>	Nikki Peters, Enrollment npeters@allencc.edu 785.379.8734	Melissa Sellman, Admissions msellman@allencc.edu 620-901-6268	Melissa Johnson, Billing mjohnson@allencc.edu 785.654.2416, ext 8705
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Cost

- USD456 has an arrangement with ACC and will pay for half of the tuition and half of the book rental fee. Classes are \$124 per credit hour (all fees included). So, a 3-credit hour class will be \$372. USD456 will pay \$111; the student cost is \$261.
- **Please note:** Rates are from the 2021-2022 school year and are subject to change.

Steps To Enrolling: New Students

- Be aware of the placement scores required for the class(es) you are enrolling in. If you have not taken a placement test, you will need to take the ACCUPLACER. This can be taken at ACC. There is a \$10 fee to take the test. Be sure to confirm with ACC that program admission criteria have been met.
- If you need your high school transcript sent, please see Mrs. McCullough.
- To apply for Admission: Go to allencc.edu. Select "Apply for Admission" tab then "Application for Admission" then "Click here to start filling out this application". For the Campus Location select HIGH SCHOOL.
- Do not use your MdCV student email address. You cannot receive out of district emails.
- The Student ID will be assigned once an application has been processed. This takes about one day. Once you receive your student ID, email ACC with the course name/number you'd like to enroll in. Make sure you receive confirmation from ACC that your request has been processed.
- Textbook(s) are physically mailed to your home address. You must return textbook(s) to ACC by the end of semester; otherwise you will incur the cost of replacing any unreturned textbook(s).
- Once your request is processed, you will have access to your myAllen portal. Your username is your student ID (XXXXXX), and your password is your 4x4 (the first four letters of your last name followed by the last four digits of your social security number). You can find your unofficial transcript, check on financial aid information, log in to your student email account, and several other important functions. You can also find your balance due and pay with a credit card through your myAllen portal.
- You will be able to access Blackboard 30 days before classes start for an online student orientation. Work on the online orientation to prepare yourself so that when classes begin you will be able to begin submitting work right away rather than learning to use the program.
- If there is a cost to the class(es) you are taking, make sure you have payment in place by the first day of class to remain enrolled. You can pay over the phone at 785.654.2416, x205 or through your myAllen portal under the finances tab. There is a payment plan option available.

Steps To Enrolling: Returning Students

- Log into your myAllen portal. You will use your student ID (username) and password from the previous semester to log in.
- Once there, you will select the Enrollment tab. Complete Step 2 on the Enrollment tab and submit, then move to the next step and add courses.
- If you have questions, email ACC at advisor@allencc.edu for help or confirmation of enrolling.

Washburn Tech Admissions

Contacts: Jimisha Flowers, Enrollment Morgan Eggert, Manager, Program Navigator/Advisor
jimisha.flowers@washburn.edu morgan.eggert@washburn.edu
785.670.3342 785.670.3358

Cost

- The Jones Foundation Scholarship is automatically available for students who enroll in a Washburn Tech CTE program. Students are awarded \$250 each semester. If you are eligible for free or reduced lunches, complete the Bryden Scholarship application.
- The cost of each CTE program varies.

Steps To Enrolling: New Students

- To enroll in a Washburn Tech program, students must complete the following:
- Complete the online application at <https://www.washburntech.edu/admissions/index.html>.
- Take and pass an entrance exam
- Register for classes with Mrs. McCullough
- Pay \$20 non-refundable enrollment fee to secure a spot in your program
- Make check payable to Washburn Tech and give to Mrs. McCullough

A Convenient Way To Pay At Washburn Tech

- Payment plans are offered for users who want to spread out the payment of charges for a term instead of paying in full by the payment deadline. A \$30.00 set up fee is charged to the student account when a payment plan is set up.
- A \$25.00 late fee is charged to the student account for **each installment** not paid on time.
- Changes to the student account balance after the payment plan is set up will change the amount of remaining installments.
- Email notifications are sent to students and authorized users alerting them to upcoming payments and any changes in the installment amounts due.
- Installments may be set up to draft automatically from a bank account (webcheck or signature debit card) or credit card (convenience fees will apply) for ease of payment.
- Any cash, check, webcheck, debit card, or credit card payments made on a student account are applied to the earliest unpaid installment(s) in the payment plan. Payments that are greater than the installment amount due will reduce the next installment(s) by the amount of the overpayment.
- Financial aid (scholarships, grants, loans) applied after the payment plan is set up will result in the recalculation of all remaining installments to reflect equal amounts due. The recalculation occurs automatically at around 1:00 am for future installments. An email will be sent reflecting the updated installment amounts.

Step By Step Instructions

- Log in to MyWashburn and go to the "Financial Services" tab
- Click on the WU-View button (first on the Right side, then on the left side)
- In WU-View, select the "Payment Plans" tab on the top menu
- Select "Enroll Now" under the Available Payment Plans
- Select the term from the drop down list
- Select the plan from the drop down list
- Read over the payment plan information and click "Continue"
- Review the information on the "Schedule Payment Plan" tab
- Click on "Display Schedule" to review installment amounts/dates, then click "Continue"
- Click "Yes" if you want to make automatic payments each month (then follow the procedures to set up a payment method)
- Click "No" if you want to make unscheduled payments online, in person, or by mail
- Click the "Continue" to proceed
- Read the agreement; Check the "I agree" box and click on "Continue" to save and enroll in a payment plan. **THE PAYMENT PLAN WILL NOT BE SET UP UNTIL THIS STEP IS COMPLETED!**
- Click "Print Agreement" for a copy of your plan

NCCC Admissions

NCCC Contacts:

Wendy Rossman
wrossman@neosho.edu
785.242.2067, ext 351
785.248.2821 (direct line)
785.242.2068 (fax)

Ruthie Wark
rwark@neosho.edu
785.242.2067, ext 312
785.248.2797 (direct line)
785.242.2068 (fax)

Cost

- Classes are \$50 per credit hour. Textbook rental is \$17 per credit hour. So, a 3-credit hour class, with a book rental, will cost the student \$201.
- **Please note:** Rates are from the 2021-2022 school year and are subject to change.

Steps To Enrolling: New Students

- Be aware of the placement scores required for the class(es) you are enrolling in. If unsure, please contact NCCC. NCCC offers the Accuplacer Test if you need a standardized test score to enroll. This can be taken at NCCC. There is a \$10 fee to take the test.
- If you need your high school transcript sent, please ask Mrs. McCullough.
- If you haven't already done so, apply for admission to NCCC: Go to neosho.edu. Select the "Prospective Student" tab and then Admissions. Select "Apply Online" then "NCCC Admissions Application".
- Do not use your school student email address. You cannot receive out of district emails.
- Within a couple days of completing your online application, you should receive an email with your id/password. (If you don't, you need to contact NCCC.) Do not reapply!
- After you have applied online, you will need to complete a paper enrollment form and return to Mrs. McCullough. Mrs. McCullough will send this to NCCC.
- Once NCCC receives your paper enrollment form they will enter your course(s) into their system. Once this is complete you should be able to login to your student portal and see the course(s) you are enrolled in.
- Once you see that you have been correctly enrolled it is time to select your payment option.

Steps To Enrolling: Returning Students

- You must complete the Personal Information Update (PIU)
- Start by logging into your student portal
- Click on the Student Tab
- Click on Registration
- Click on Course Schedule
- Select the current semester (ie Fall 2021) from the Term drop down & click on "Complete the Personal Info Update Form"
- After completing the form, click Submit
- If the form reappears, scroll down looking for anything highlighted in red & complete. If you are taken back to the course schedule page after clicking "Submit", your PIU has been successfully completed.
- Be aware of the placement scores required for the class(es) you are enrolling in.
- You will need to complete a paper enrollment form and return to Mrs. McCullough. Mrs. McCullough will then send this to NCCC.
- Once NCCC receives your paper enrollment form they will enter your course(s) in their system. Once this is complete you should be able to login to your student portal and see the course(s) you are enrolled in.
- Once you see that you have been correctly enrolled it is time to select your payment option.

Emily McCullough

MdCV High School
Academic Advisor



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