



Extraordinary Educational  
Experiences

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*Career Planning & Education Guide*  
*Grades 9, 10, 11 & 12*  
*2025-2026*

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NORTH KANSAS CITY  
**HORNETS**

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# Message from the Superintendent

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January 6, 2025

Dear Students and Families,

Thank you for taking the time to carefully consider the information in this guide. It will help you design an Individual Career and Academic Plan (ICAP) which, in turn, will serve as a foundation for your future career and college goals.

North Kansas City Schools strives for every student to succeed in school, but we also prepare students for success *after* high school. We do this by setting high expectations and offering numerous avenues for students to achieve their unique potential. Our district is celebrated for outstanding teachers, a challenging curriculum, advanced technology, PK-12 career programs and A+ high schools. We are known for offering distinguished diploma options, including the *Gold Medallion Honors Diploma*, the *AP Capstone Diploma*, and the *International Baccalaureate Diploma*.

College & Career Pathways is now in its fourth year of implementation. Pathways enhance students' experiences by learning through an industry lens while engaging in rigorous coursework. This year, all high school students (ninth through twelfth grade) will select a pathway based on their interests and goals. A student's pathway offers great opportunity to connect with peers, gain hands-on experience in the field, and engage more deeply with the curriculum.

To get the most from the educational opportunities we offer, you will want to fully understand the diploma options. An overview is included in this guide, and additional information is on the district website.

Make your educational experiences extraordinary by using the *2025-26 Career Planning & Education Guide* to explore the world of possibilities that exist for you. North Kansas City Schools will partner with you to create an Individual Career and Academic Plan (ICAP) to help make your goals a reality. We look forward to the journey ahead.

Sincerely,



Rochel Daniels, Ph.D.  
Superintendent of Schools

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# *High School Individual Career and Academic Plan (ICAP)*

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## ***Pathways***

Programs of Study is a joint effort of high schools and colleges to coordinate classroom instruction, student guidance, career and technical student organizations, career development and community participation for a specific Career Cluster.

## ***Diploma Options***

*North Kansas City Schools currently offers five diploma options for graduates, all requiring 26 credits.*

- **Career/College Readiness Diploma**  
Graduates are recognized as having met entrance requirements for most Missouri universities. Work with your Counselor for more guidance.
- **Gold Medallion Honors Diploma**  
Graduates receive honors and are recognized for completing a rigorous program designed to meet all entrance requirements for the University of Missouri system as well as most universities nationwide.
- **AP Capstone Diploma**  
Graduates receive honors and are recognized for completing the AP Capstone courses, earning a 3 or above on the assessments, as well as earning a 3 or above on four additional AP courses throughout their high school career.
- **International Baccalaureate Diploma Program (IBDP)**  
Graduates receive honors and are recognized for completing rigorous international curricula designed to meet the entrance requirements of the world's best universities.
- **International Baccalaureate Career-related Program Certificate (IBCP)**  
Graduates receive honors and are recognized for completing rigorous international curricula combined with a career pathway to enter the workforce and/or to meet the entrance requirements of higher learning institutions.

## ***Middle School Classes Counting for High School Credit***

*(High School Algebra, Geometry, and Global Language)*

Advanced standing credit for these classes will be transcribed with the notation that the courses were completed prior to ninth grade. These courses may be counted toward meeting the subject area and credit requirements for high school graduation.

These classes are computed into GPA and Class Rank. Classes may be repeated at the high school; however, credit may not be duplicated.

## Diploma Credits Required

Paths to Graduation					
DIPLOMA OPTIONS:	Career/College Readiness	Gold Medallion	AP Capstone	IBDP	IBCP
ENGLISH LANGUAGE ARTS	4	4	4	4	4
MATHEMATICS	4	4	4	4	4
SCIENCE	3	3	3	3-4	3-4
SOCIAL STUDIES	3	4	3	3-4	3-4
FINE ARTS	1	1	1	1	1
PRACTICAL ARTS	1	1	1	1	1
PHYSICAL EDUCATION	1	1	1	1	1
HEALTH	0.5	0.5	0.5	0.5	0.5
PERSONAL FINANCE+	0.5+	0.5+	0.5+	0.5+	0.5+
ELECTIVES	8	4	6	1-4	.5-4
GLOBAL LANGUAGE		2		4	2-4
AP SEMINAR		1	1		
AP RESEARCH			1		
THEORY OF KNOWLEDGE				2	
PERSONAL AND PROFESSIONAL SKILLS					2
CAREER RELATED STUDY					3-4
<b>TOTAL CREDITS REQUIRED</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>

*All students will be required to complete a service component*

+ **Personal Finance** will be an online course, with blended support

- Seniors must successfully complete all graduation requirements prior to participation in graduation ceremonies.
- Students must pass the U.S. MO Constitution Test as a requirement for graduation.
- Students must pass the Missouri Civics Education Initiative (MCEI) Exam as a graduation requirement.
- Students must complete all EOC (End of Course) requirements and seniors are required to complete one of these assessments before graduation: ACT/SAT, ASVAB or WorkKeys.
- Students must complete a 30-minute CPR Training.

### Credit Recovery & Grade Replacement

Students have several options if they fail a course or earn a low grade. A student may retake a course but the grade from the original class will remain on their transcript, however; the original grade will not be included in the calculation of the student's GPA. For information on credit recovery and replacing grades, contact your school's counseling office.

When deciding which diploma option is best for their Individual Career and Academic Plan (ICAP), each student should consider career goals and entrance requirements of colleges and universities they might attend.

## Career/College Readiness Diploma

Career/College Readiness Diploma		
ENGLISH LANGUAGE ARTS	4	Must include English Language Arts I and II, plus an approved third- and fourth-year course
MATHEMATICS	4	Must include Algebra I and Geometry ( <b>a college readiness pathway will include Algebra I, Geometry, Algebra II and one additional math credit</b> )
SCIENCE	3	Must include Biology, Chemistry, and an additional Science course
SOCIAL STUDIES	3	Must include World History/AP Human Geography, US History, and AP Government
FINE ARTS	1	
PRACTICAL ARTS	1	
PHYSICAL EDUCATION	1	
HEALTH	0.5	
PERSONAL FINANCE +	0.5+	Will be an online course, with blended support
ELECTIVES	8	Should be selected to meet state and local graduation requirements. The courses should be selected and planned by the school, the student, and the student's parents to develop the student's aptitude and skills. Advanced vocational-technical courses that have been selected to support and strengthen the student's college readiness program or career choice may be used to fulfill this general elective requirement.
GLOBAL LANGUAGE		<i>Two credits of Global Language are strongly recommended if student's education plans include enrollment where admission requires two years of the same Global Language.</i>
<b>TOTAL CREDITS</b>	<b>26 Credits</b>	

### Graduation Requirements for North Kansas City Schools Service to Community Hours

The following guidelines are to be utilized as a guide for required Service to Community hours for graduation from the North Kansas City Schools.

1. Service to Community is volunteer work for which no other credit or monetary compensation is received. It is recommended that the work should be for a not-for-profit organization.
2. Twenty (20) Service to Community hours are required for graduation from each district high school. A student will not participate in graduation ceremonies or receive a diploma if he or she has not performed twenty (20) Service to Community hours.
3. In general, the following types of activities will qualify for the Service to Community requirements.
  - Charitable activities for non-profit organizations
  - Individual student tutoring (A+ Peer Tutoring Program or under the direct supervision of a teacher outside the regular school hours)
  - Civic activities sponsored by clubs, Parks and Recreations, Chambers of Commerce, businesses, churches, schools, hospitals, residential care facilities and other community groups
  - Activities of school-sponsored clubs that benefit the community, such as school-based Booster Clubs

## Gold Medallion Honors Diploma

Graduates receive honors and are recognized for completing a rigorous program designed to meet all entrance requirements for the University of Missouri system as well as most public universities nationwide.

### Who should seek the Gold Medallion honors Diploma?

- The student who is academically able and highly motivated.
- The student who wants a jump start on earning college credit and wants to do real life projects.
- The student who is willing to work for having this diploma of distinction.

Gold Medallion Honors Diploma		
ENGLISH LANGUAGE ARTS	4	Must include English Language Arts I and II and two <u>advanced</u> ELA courses (e.g., College English, AP English Lit & Comp, AP English Lang & Comp, AP Research)
MATHEMATICS	4	Must include Algebra I, Geometry, Algebra II and one credit of additional <u>advanced</u> math
SCIENCE	3	Must include Biology, Chemistry, and an additional Science course
SOCIAL STUDIES	4	Must include World History/AP Human Geography, US History, and AP Government, and one additional Social Studies elective (e.g., AP Psychology, AP United States History, AP World History: Modern, Psychology, Military History or Sociology, AP Human Geography)
FINE ARTS	1	
PRACTICAL ARTS	1	
PHYSICAL EDUCATION	1	
HEALTH	0.5	
PERSONAL FINANCE +	0.5+	
ELECTIVES	4	ADDITIONAL CREDITS in Global Language and/or additional advanced courses from ELA, Mathematics, Science, Social Studies, Fine Arts and Practical Arts
GLOBAL LANGUAGE	2	Must include two credits of the same language
AP SEMINAR	1	
<b>TOTAL CREDITS</b>	<b>26 Credits</b>	

### Additional requirements for Gold Medallion Diploma

- Earn a cumulative grade point average (GPA) of 3.2 grade or above, including college credit courses.
- Perform at or above the 85<sup>th</sup> percentile on an 11<sup>th</sup> or 12<sup>th</sup> grade national standardized academic test (ACT or SAT). Must take ACT twice to qualify for the waiver process.
- Within the 26 required credits, 8 or more must be in Honors, Dual Credit, or AP courses.
- Algebra I, Honors Geometry, and Global Language taken in middle school will count towards Gold Medallion.
- Participate in 100 hours of community service, tutoring, or mentoring.
- Complete School to Career experiences through student's chosen Pathway.
- Successful completion of AP Seminar with a grade of B or above each semester.
- Develop a comprehensive portfolio with examples of best work, extracurricular participation, and reflection.

**Gold Medallion Honors Diploma** candidates may appeal to the principal for a waiver in extreme situations. The intent, however, is to keep the diploma standards high. Planning ahead is essential and should begin during the 9<sup>th</sup> grade year. AP Seminar and AP-graded performance task presentations and AP exam and required preparation semesters may not be waived and required preparation semesters may not be waived.

*Note: Seniors must successfully complete all graduation requirements prior to participation in graduation ceremonies.*

For more information and a copy of the Gold Medallion Honors Diploma Planning Guide, see your high school counselor, Gold Medallion teacher, district website, or call the Executive Director of Academic Services at (816) 321-6030

## AP Capstone Diploma

Participating in AP Capstone can help students:

- Stand out to colleges in the application process
- Develop key academic skills they will use in college and beyond.
- Become self-confident, independent thinkers and problem solvers.
- Earn college credit: Many colleges offer credit for qualifying scores.

AP Capstone Diploma		
ENGLISH LANGUAGE ARTS	4	Must include English Language Arts I and II, plus an approved third- and fourth-year course
MATHEMATICS	4	Must include Algebra I and Geometry ( <b>a college readiness pathway will include Algebra I, Geometry, Algebra II and one additional math credit</b> )
SCIENCE	3	Must include Biology, Chemistry, and an additional Science course
SOCIAL STUDIES	3	Must include World History/AP Human Geography, US History, and AP Government
FINE ARTS	1	
PRACTICAL ARTS	1	
PHYSICAL EDUCATION	1	
HEALTH	0.5	
PERSONAL FINANCE	0.5+	Will be an online course with blended support
ELECTIVES	6	Should be selected to meet state and local graduation requirements. The courses should be selected and planned by the school, the student, and the student's parents to develop the student's aptitude and skills. Advanced vocational-technical courses that have been selected to support and strengthen the student's college readiness program or career choice may be used to fulfill this general elective requirement.
GLOBAL LANGUAGE		<i>Two credits of Global Language are strongly recommended if student's education plans include enrollment where admission requires two years of the same Global Language.</i>
AP SEMINAR	1	Student must score a 3 or above on the AP Seminar Exam
AP RESEARCH	1	Student must score a 3 or above on the AP Research Exam
<b>TOTAL CREDITS</b>	<b>26 Credits</b>	

### Additional requirements for AP Capstone Diploma

- Students who earn scores of **3 or higher** in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™.
- Students must fulfill all requirements of the Career/College Readiness Diploma.

*Note: Seniors must successfully complete all graduation requirements prior to participation in graduation ceremonies.*

For more information about the AP Capstone Diploma, see your high school counselor, the district website, or call the Executive Director of Academic Services at (816) 321-6030

## ***International Baccalaureate Diploma Program (IBDP)***

Graduates receive honors and are recognized for completing rigorous international curricula designed to meet the entrance requirements of the world's best universities.

<b>International Baccalaureate Diploma Program (IBDP)</b>		
ENGLISH LANGUAGE ARTS (Language A)	4	NKCHS Pre-IB/Honors ELA I, II IB English A: Literature HL (two years) IB English A: Language and Literature HL or SL (two years)
GLOBAL LANGUAGE (Language B)	4	NKCHS pre-IB/Honors Language B (two years) IB Language B SL or HL (two years)
MATHEMATICS	4	NKCHS Pre-IB/Honors Geometry NKCHS Pre-IB/Honors Algebra II Pre-Calculus or IB Math: Applications and Interpretation SL-1 IB Math: Applications and Interpretation SL-2 Calculus and IB Math: Analysis and Approaches SL/HL
SCIENCE (Experimental Sciences)	3-4	NKCHS Pre-IB/Honors Biology NKCHS Pre-IB/Honors Chemistry IB Biology or Chemistry SL IB Environmental Systems and Societies SL IB Biology or Chemistry HL (two years) IB Sports, Exercise and Health Science SL (one year)
SOCIAL STUDIES (Individuals & Societies)	3-4	NKCHS Pre-IB/Honors World History NKCHS Pre-IB/Honors US History II/Government IB History SL or HL IB Psychology SL or HL IB Social and Cultural Anthropology SL or HL
FINE ARTS	1	
PRACTICAL ARTS	1	
PHYSICAL EDUCATION	1	
HEALTH	0.5	
PERSONAL FINANCE+	0.5+	
ARTS and ELECTIVES	1-4	NKCHS Pre-IB/Honors Art/Design I, II NKCHS Pre-IB/Honors Theatre I, II IB Visual Arts (1 year) SL or HL (two years) IB Theatre HL (two years) IB Music SL Additional IB Global Language, Social Studies or Science IB Design Technology IB Business Management
THEORY OF KNOWLEDGE	2	
<b>TOTAL CREDITS</b>	<b>26+ Credits</b>	
<b>SL = Standard Level; HL = Higher Level</b>		

## ***Additional Requirements for International Baccalaureate Diploma Program***

### **NKCHS Pre-IB Program (9<sup>th</sup> & 10<sup>th</sup> Grades)**

- Two years of literature and composition in NKCHS Pre-IB/Honors English Language Arts I and II.
- Two years of NKCHS Pre-IB/Honors Mathematics, which may include Geometry, Algebra II, or Pre-Calculus/Trigonometry.
- Two years of a second language in NKCHS Pre-IB/Honors Spanish or French.
- Two or three years of experimental sciences. Students will take NKCHS Pre-IB/Honors Biology in grade 9 and NKCHS Pre-IB/Honors Chemistry in grade 10.
- Additional DESE requirements not met in the NKCHS Pre-IB Curriculum, such as physical education or practical arts. Health and Physical Education may be offered in the Summer Learning Program.
- Electives

### **IBDP Course requirements (11<sup>th</sup> & 12<sup>th</sup> Grades)**

- Complete the IB Curriculum in six disciplines and take externally graded examinations.
- Write an extended essay in one of the IB disciplines.
- Complete the Theory of Knowledge course of study.
- Meet seven learning outcomes of Creativity, Activity, and Service (CAS) over 18 months.

If a combined course is offered, e.g., Advanced Placement and IB in the same class, a student may receive distinction points for AP or IB, but not both. Students interested in entering the NKCHS Pre-IB Program may contact their counselor, the IB coordinator or building principal at North Kansas City High School.

To receive the official International Baccalaureate diploma, the IB Diploma candidate must meet the specific requirements of the IB. To graduate from the North Kansas City School District as an IB diploma candidate, the graduate must complete a minimum of 26 credits during grades 9-12 and meet the other listed requirements.

Additional information is available in the IB Guide.

*Note: Algebra I, Geometry, and Global Language I, taken in middle school may count as additional credits for students pursuing the International Baccalaureate Diploma.*

For more information and a copy of the International Baccalaureate Diploma Planning Guide, contact your student's counselor or Mitsi Nessa, IB Diploma Coordinator at (816) 321-5805

## International Baccalaureate Career-related Program (IBCP)

Graduates receive honors and are recognized for completing rigorous international curricula combined with a career pathway to enter the workforce and/or to meet the entrance requirements of higher learning institutions.

### International Baccalaureate Career-related Program (IBCP)

#### Select One Career-related Study:

**Biomedical:** College Principles of Biomedical Science-PLTS, College Human Body Systems-PLTW, College Medical Interventions-PLTW, College Biomedical Innovation-PLTW

**Computer Science:** College Computer Science Essentials-PLTW, AP College Computer Science Principles-PLTW, AP College Computer Science A-PLTW, College Cybersecurity-PLTW

**Culinary Arts:** Foods for Life, ProStart Foods Level I, ProStart Foods Level II, FACS Internship

**Engineering:** College Intro to Engineering Design-PLTW, College Principles of Engineering-PLTW, College Digital Electronics-PLTW or College Civil Engineering and Architecture-PLTW, and College Engineering Design and Development-PLTW

**Teaching:** Child Development I – Child Development II – College Introduction to Teaching – FACS Internship

**Communications/Journalism:** Journalism 1, Journalism 1 Broadcast, Journalism 1 Photography, Journalism 2 Broadcast, Journalism 2 Magazine Across Platforms, Journalism 2 Yearbook, Journalism 2 Sports Broadcasting, Journalism 3 Digital Laboratory, Communications Capstone

#### Courses in **BOLD** Indicate Diploma Program Courses (at least 3 required)

ENGLISH LANGUAGE ARTS Language A (Pre-IB options)	4	NKCHS Pre-IB ELA I/II; <b>IB Language A: Literature HL</b> (two years) or <b>IB Language A: Language and Literature HL or SL</b> (two years)
MATHEMATICS *	4	Algebra I; NKCHS Pre-IB/Honors Geometry or Geometry; NKCHS Pre-IB/Honors Algebra II/Trigonometry or Algebra II/Trigonometry; One credit of additional advanced math: Precalculus, <b>IB Math: Application and Interpretations SL</b> , Calculus, <b>IB Math: Analysis and Approaches SL/HL</b>
SCIENCE (Experimental Sciences)	3-4	NKCHS Pre-IB Biology, NKCHS Pre-IB Chemistry, Physics, Chemistry; <b>IB Biology</b> or <b>IB Chemistry</b> or <b>IB Environmental Systems &amp; Societies SL</b> ; <b>IB Biology</b> or <b>IB Chemistry HL</b> (two years); <b>IB Sports, Exercise and Health Science SL</b> (1 year)
SOCIAL STUDIES (Individual & Societies)	3-4	NKCHS Pre-IB World History I, US History II/Govt or World History I, US History; AP Government; One elective: AP Psychology, AP United States History, AP World History: Modern AP Human Geography, Psychology, Sociology, or Military History; <b>IB History SL/HL</b> (one or two years), <b>IB Psychology SL/HL</b> (one or two years), <b>IB Social and Cultural Anthropology SL/HL</b> (one or two years)
FINE ARTS	1	
PRACTICAL ARTS	1	
PHYSICAL EDUCATION	1	
HEALTH	0.5+	
PERSONAL FINANCE+	0.5+	
ARTS and ELECTIVES	.5-4	ELA, Global Language, Social Studies, Science, Math, Fine Arts, Practical Arts; Visual Arts SL or HL; NKCHS Pre-IB Art/Design I, II or Theatre Arts I, II, <b>IB Theatre Arts HL</b> , <b>IB Music SL</b> , <b>IB Psychology SL or HL</b> , <b>IB Social and Cultural Anthropology SL</b> , <b>IB Language B SL (third language)</b> , <b>IB Biology, Chemistry, (second experimental science) SL or HL</b> ; <b>IB Design Technology</b> , <b>IB College Business Management</b>
GLOBAL LANGUAGE or Language B (language acquisition)	2-4	NKCHS Pre-IB/Language B or language level I, II, III (three years); <b>IB Language B SL or HL</b> (two years)
PERSONAL AND PROFESSIONAL SKILLS	2	
CAREER RELATED STUDY	3-4	See Career-related Studies above
<b>TOTAL CREDITS</b>	<b>26+ Credits</b>	

**SL = Standard Level; HL = Higher Level**

\*Algebra I, Geometry, and Global Language I, taken in middle school may count as additional units of credit for students pursuing the International Baccalaureate Career.

## ***Additional Requirements for International Baccalaureate Career Related Program***

### ***NKCHS Pre-IB Program (9<sup>th</sup> & 10<sup>th</sup> Grade)***

- Two years of NKCHS Pre-IB/Honors subjects that students plan to take as their elected IB courses (a minimum of two).
- Two years of a second language in Spanish or French (Pre-IB Spanish or French if the student intends to pursue IB Spanish or French)
- Additional DESE requirements not met in the NKCHS Pre-IB Curriculum, such as physical education or practical arts, Health and Physical Education may be offered in the Summer Learning Program.
- Electives

### ***IBCP Course Requirements (11<sup>th</sup> & 12<sup>th</sup> Grades)***

- Complete the IB Curriculum in at least two (three strongly encouraged) disciplines and take externally graded examinations.
- One of those 2-3 disciplines must be IB language A: Literature HL or IB Language A: Language and Literature HL.
- Write a reflective project.
- Complete the Personal and Professional Skills course of study.
- Engage in 50 hours of Language Development (LD), Reflective Project (RP), and Service Learning (SL).
- Meet five learner outcomes for Service Learning (SL).

If a combined course is offered, e.g., advanced Placement and IB in the same class, a student may receive distinction points for AP or IB, but not both. Students interested in entering the NKCHS Pre-IB Program may contact their counselor, the IB coordinator or building principal at North Kansas City High School.

To receive the official International Baccalaureate Career-related Certificate, the IB Career-related candidate must meet the specific requirements of the IB. To graduate from the North Kansas City School District as an IB Career-related candidate, the graduate must complete a minimum of 26 credits during grades 9-12 and meet the other listed requirements.

Additional information is available in the IB Guide.

*Notes: Algebra I, Geometry, and Global Language I taken in middle school may count as additional credits for students pursuing the International Baccalaureate Diploma.*

For more information and a copy of the International Baccalaureate Planning Guide, contact your student's counselor or Dr. Martha DeVries, IB Career-related Coordinator at (816) 321-6584.

## ***Grade Point Average (GPA)***

To calculate Grade Point Average (GPA)\*, course grade points are summed and divided by the number of course units completed. For GPA calculations, points are assigned for each course completed as follows:

- 4.0 grade points for an A*
- 3.0 grade points for a B*
- 2.0 grade points for a C*
- 1.0 grade point for a D*
- 0.0 grade point for an F*

To encourage and recognize students who accept the challenges of academic rigor and demonstrate high performance, all students who complete the components of the Gold Medallion Honors Diploma or components of the AP Capstone Diploma will graduate with distinction and are recognized as Honor Graduates. To further recognize students for accepting the challenges of advanced course work, weighted credit will be awarded in addition to grade points in determining class rank. Weighted credit for class rank allows students to be recognized for accepting the academic challenges of advanced courses and not be adversely impacted by grades in such rigorous coursework.

## ***Weighted Courses***

A weighted credit policy is utilized to provide incentives for students to take the most challenging coursework possible. All honors courses will be worth a .5 weighted addition to a student's GPA in those individual courses. All courses that are externally assessed by a nationally or internationally recognized program (i.e., AP, IB, PLTW, and/or TSAs) will be worth a 1.0 weighted addition if a student completes the course and sits for the external exam. Students who complete an AP, IB, PLTW, or TSA tested course, but do not sit for the exam, will earn a .5 weighted addition to their GPA. Dual credit courses are also worth a 1.0 weighted addition.

## ***Class Rank***

Class rank\* is based on a student's weighted GPA for satisfactory completion of Distinguished Achievement Program (DAP) courses. If a combined course is offered, e.g., Advanced Placement and Dual Credit or AP and IB in the same class, a student may receive weighted credit for AP or DC or IB. Distinction points may only be granted for one.

When a student is reclassified from 11<sup>th</sup> to 12<sup>th</sup> grade for purpose of graduating ahead of their cohort (Class of 20XX), then NKCS will follow the procedure to EXCLUDE the reclassified student from the class rank of the graduating class. For example, a student in the cohort 2025 (Class of 2025) with current grade level 11 is reclassified to 12<sup>th</sup> grade and graduates May 2025, they will be EXCLUDED from the class rank of the cohort 2025 (Class of 2025).

Upon request, a letter explaining this procedure and the student's class rank among his or her cohort at the time of reclassification will be included with the student's transcript. Please direct questions regarding this procedure to your high school's administration.

*\*GPA and Class Rank are calculated at the end of the 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> semesters.*

## ***Students in Academically Gifted Education (SAGE)***

The goal of the SAGE program in high school is to provide personalized services for students to allow each student to maximize his or her capabilities. Each high school has a Gifted Resource Specialist (GRS) that serves as an advisor to the gifted students in grades 9-12. The GRS has specialized gifted certification, which can further enhance what this population of students require.

The Gifted Resource Specialist works with the student's counselor to develop a four-year high school plan and choose appropriate courses. To facilitate the student's best opportunities, the GRS will work with students and parents in recommending extracurricular activities, summer programs, available scholarships, competitions, and will assist in facilitating internships and mentor programs.

*For additional information please contact Kate Place, Principal of the Gifted Program at (816) 321-5350.*

## ***Honors Classes/College Readiness***

North Kansas City Schools offer "Honors" courses to secondary students. The purpose of these courses is to address the cognitive and affective needs of high achieving students by providing an accelerated and enriched academic program. Honors courses ensure differentiated curricula that are provided for all students. These courses challenge students to complete rigorous academic work and to be responsible for their own learning. In addition, courses are designed to help students demonstrate mastery of district graduation goals.

Honors courses comprise one component of earning honors recognition in high school. Students who meet the requirements of the Gold Medallion Honors Diploma, AP Capstone Diploma, or the International Baccalaureate Diploma earn honors status. Requirements include successful completion of eight or more credits in Honors courses. Honors, Pre-IB or AP courses may be selected from specially designated offerings at the freshman/sophomore level and from any honors, dual credit, AP, or IB course at the junior/senior level.

## ***How Do I Decide?***

Honors courses challenge students, even if they have successfully earned high grades without struggling in the past. Courses require hard work, dedication, and self-discipline. Students will be expected to make a substantial time commitment for study and homework. Students looking for a challenge and possessing a strong desire to achieve academic excellence should consider the following list of characteristics:

- Have consistently earned As or Bs in the selected area(s) of coursework in middle school.
- Have standardized test achievement score(s) in the 80<sup>th</sup> percentile or higher in the selected area(s) of coursework.
- Have 95% or higher average daily attendance.
- Able to organize, plan, and complete assignments and projects with little direction or additional support.
- Consistently demonstrate higher order thinking skills by applying knowledge, applying skills, analyzing, and evaluating.
- Demonstrate self-discipline and the ability to cooperate with classmates and teachers.
- Have a strong interest in and curiosity about the subject matter.

If you have questions or would like further information, call your student's counselor or any administrator at your high school.

## *North Kansas City Schools Catalyst*



NKC Schools Catalyst is a district-wide program available at each of the four high schools that identifies and supports high-performing, economically disadvantaged students to attend and graduate from the nation's most selective and affordable colleges.

Eligible 10th graders may apply at the start of second semester when the application opens. Catalyst requires prospective scholars to have at least a 3.5 weighted GPA and for families to provide household financial information demonstrating financial need in the eyes of colleges.

Sophomores who become Catalyst Semi-Finalists will have on-site interviews at their schools in April. Final acceptances are made by the end of the school year. Accepted scholars begin programming at the start of their 11th grade year.

11th Grade Catalyst programming focuses on helping students better understand the college application process, how to best present themselves on these applications, and exploring the best college options available to them. Additionally, students receive individualized academic advising, writing support for scholarships, free ACT prep, and free out-of-state summer college tours the summer between 11th and 12th grade.

12th Grade Catalyst programming focuses on helping students finalize their college application list, planning out their application timetable, and supporting students with their college and scholarship applications. Additionally, Catalyst works with scholars and their families to ensure they complete the necessary financial aid forms to be eligible for maximum need-based college scholarships and grants. Catalyst scholars will continue to receive support from the program after graduation as they matriculate to their respective colleges and universities.

To learn more about Catalyst, please visit <http://www.nkcschools.org/catalyst> or contact Postsecondary Success Coordinator Dr. Lori Dameron at [Lori.Dameron@nkcschools.org](mailto:Lori.Dameron@nkcschools.org) or 816.321-4432.

## *Advanced Placement Programs*

The Advanced Placement Program, administered by the College Board, gives high school students an opportunity to demonstrate what they have learned by taking AP Exams. Depending upon the AP Score, colleges and universities have the option to grant credit, placement, or both to these students. Although approximately 2,900 colleges and universities award AP credit, students taking AP classes are advised to ask their prospective college or university for a copy of their AP policy or to look for it in the college catalog. Although a student may take an AP exam without having taken any specific class, a rigorous, well-planned course of study will increase the likelihood of success. Students wanting to participate in the Advanced Placement Program or obtain information on the costs, content of the exams, or other details should contact their counselor.

**Expectation:** *Students taking an Advanced Placement course are expected to take the AP Exam during the spring semester. All exams are administered in May.*

Additional information also may be found online at [www.collegeboard.org/ap](http://www.collegeboard.org/ap).

## ***Classes for College Credit (Dual Credit)***

College classes are offered in conjunction with several area colleges and universities. Students receive college credit as well as high school credit. Most colleges will transfer these credits toward their degree programs. However, it is recommended the student check with the college he/she plans to attend to see if they will accept the college credit. The cost to the student varies but is often less than ½ the cost of regular tuition.

The Missouri Coordinating Board for Higher Education has a dual credit policy that applies ONLY to high school students taught on a high school campus by high school teachers. It does not apply to dual credit courses taught by college or university instructors on any campus or via television or the internet. Students are required to complete an off-site dual enrollment application and obtain approval from their counselor if they plan to take an off-campus dual-credit class. A copy of the application can be obtained from your counselor.

Student eligibility is determined by the university awarding credit.

## ***Transferability of Credit***

- Colleges and universities may limit the transfer of credit. Publicly funded universities in the state of Missouri are mandated to accept general education courses that fall within the CORE 42 (<https://dhe.mo.gov/core42.php>).
- Each individual college and university have a written policy describing limits on dual credit courses.
- Students need to check with the colleges/universities they plan to attend for additional specific information.

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

Project Lead the Way (PLTW) is a Science, Technology, Engineering, and Math (STEM) based education program which is offered in all four of our high schools. Students enjoy this challenging program that incorporates and addresses the goal of raising standards of learning. It also allows them to participate in a program that will allow them to explore a major career path and, if they wish to continue, will prepare them for further education at a two- or four-year college in STEM related fields.

From launching space explorations to delivering safe, clean water to communities, engineers find solutions to pressing problems and turn their ideas into reality. PLTW Engineering empowers students to step into the role of an engineer, adopt a problem-solving mindset, and make the leap from dreamers to doers. The program's courses engage students in compelling, real-world challenges that help them become better collaborators and thinkers. Students take from the courses in demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.

The PLTW Biomedical Sciences Program prepares student to take advantage of the tremendous career opportunities available in health and science. The hand-on project-based and problem-based curriculum engages students, allows them to explore the wide variety of health care and science career options, and equips them with the knowledge and skills necessary to succeed in any post-secondary biomedical program.

Whether designing apps to meet client needs or exploring cybersecurity, PLTW Computer Science engages students in interdisciplinary activities that not only build knowledge and skills in computer science, but also empower students to develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and perseverance. The program's courses empower students with in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they choose.

*Note: All PLTW pathways are offered as career-related pathways in the IB Career-related (IBCP) program.*

## ***Seal of Biliteracy***

The Seal of Biliteracy is awarded by the Missouri Department of Elementary and Secondary Education to recognize students who have attained an Intermediate-Level of proficiency in English and in one or more other global languages by high school graduation. This recognition of biliteracy becomes part of the high school transcript for these students. Students can earn approximately 12 hours of college credit at an increasing number of institutions.



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## Online Learning Fueled by Launch

NKC Schools has partnered with Launch, a virtual academy that offers students quality online learning options. Launch's courses are taught by highly qualified Missouri-certified teachers who currently live and work in Missouri school districts. Some courses offered are identified by the  symbol shown in the course description section of this catalog. In addition, a list of *all* available Launch course offerings is provided below. Courses can be accessed 24 hours a day, seven days a week, using any computer with internet access. Students have 7 days-a-week technical support through [support@fueledbylaunch.com](mailto:support@fueledbylaunch.com). All Launch instructors are required to have 3 office hours per week allowing questions to be answered within 30 minutes. Outside of office hours, instructors should be answering questions within 8 hours. Students enroll in Launch classes during their regular enrollment time with their building counselor. For specific course information, such as detailed course description(s), honors availability, dual credit status or NCAA core course approval, visit [www.fueledbylaunch.com](http://www.fueledbylaunch.com).

### Launch Courses

#### **Advanced Placement**

AP Calculus AB (1.0)  
AP Calculus BC (1.0)  
AP Computer Science Principles (1.0)  
AP Computer Science A (1.0)  
AP English Lit & Comp (1.0)  
AP European History (1.0)  
AP Physics (1.0)  
AP Psychology (1.0)  
AP Statistics (1.0)  
AP Studio Art 2-D Design (1.0)  
AP US Gov. & Politics (1.0)  
AP US History (1.0)  
AP World History (1.0)

#### **Electives**

A+ Tutoring (.5)  
ACT Prep (.5)  
Algebra I Math Lab (.5)  
Algebra II Math Lab (.5)  
College Ready Math (1.0)  
Driver Education (.5)  
Employment Internship (.5)  
Film as Literature I (.5)  
Film as Literature II (.5)  
Geometry Math Lab (.5)  
Student Leadership (STAR) (.5)  
Volunteerism (.5)

#### **English Language Arts**

Contemporary Lit (1.0)  
Creative Writing I (.5)  
Creative Writing II (.5)  
English I (1.0)  
*English II (1.0)*  
*English III (1.0)*  
*English IV (1.0)*  
*Grammar & Comp. I (1.0)*  
*Grammar & Comp. II (1.0)*  
*Introductory Speech (1.0)*  
*Strategic Reading and Writing I (.5)*

#### **Fine Arts**

Art Foundations (1.0)  
Fine Arts Appreciation I: Music (.5)  
Fine Arts Appreciation II: Art (.5)  
Music Theory I (.5)  
Music Theory II (.5)  
Theater I (1.0)

#### **Health and Physical Education**

Health (.5)  
Lifetime Fitness (.5)  
Physical Education I (.5)  
Physical Fitness (.5)  
Outdoor Living & Safety (.5)

#### **Practical Arts**

Accounting I (1.0)  
Agricultural Sales & Marketing (1.0)  
Agricultural Science I-Agribusiness (1.0)  
College Accounting I (1.0)  
Computer Applications (.5)  
Computer Science Essentials-PLTW (1.0)  
Digital Communications (.5)  
Economics (.5)  
FACS Internship (.5)  
Global Distribution & Logistics I (1.0)  
Hospitality & Tourism Management (1.0)  
Hospitality & Tourism Management II (1.0)  
Human Body Systems-PLTW (1.0)  
Human Development I (1.0)  
Intro. To Business (1.00)  
Intro. to Computer Science (.5)  
Intro to Engineering Design-PLTW (1.0)  
Marketing I (1.0)  
*Marketing II (1.0)*  
*Personal Finance (.5)*  
*Principles of Biomedical Science (1.0)*  
*Principles of Engineering (1.0)*  
*Teaching as a Profession I (1.0)*  
*Teaching as a Profession II (1.0)*  
*Web Design (.5)*

#### **Science**

Astronomy (1.0)  
Chemistry (1.0)  
Earth Science (1.0)  
General Biology (1.0)  
Physical Science (1.0)

#### **Social Studies**

American Baseball History (.5)  
American Civil War (.5)  
Black History (.5)  
Government (1.00)  
Liberty & Law (.5)  
Psychology of the Holocaust (1.0)  
Psychology (.5)  
Sociology (.5)  
United States History (1.0)  
World Geography (.5)  
World History (1.0)

#### **Mathematics**

Algebra I (1.0)  
Algebra II (1.0)  
College Algebra (1.0)  
Coll Precalculus with Trigonometry (1.0)  
Foundations of Algebra (1.0)  
Geometry (1.0)  
Precalculus (.5)  
Statistics (1.0)  
Trigonometry (.5)

#### **World Languages**

French I (1.0)  
French II (1.0)  
French III (1.0)  
*French IV (1.0)*  
*German I (1.0)*  
*German II (1.0)*  
*Japanese I (1.0)*  
*Japanese II (1.0)*  
*Spanish I (1.0)*  
*Spanish II (1.0) & III (1.0)*

- (.5) classes are semester based, .5 credit classes
- (1.0) Classes are year-long, full credit classes
- AP Exams and End of Course (EOC) exams are given on the district schedule and are required to be taken in person at your high school.

### ***Missouri Course Access Program (MOCAP)***

In addition to courses available through Launch, eligible students may enroll in virtual courses offered through the Missouri Course Access Program (MOCAP). The district will accept all grades and credits earned through district-sponsored virtual instruction and MOCAP. See your counselor for more information.

### ***Early College Academy: Advanced Technical Skills Institute (ATSI)-MCC***

Students participating in the MCC-Penn Valley-Advanced Technical Skills Institute (ATSI) Early College Program are provided hands-on opportunities to gain knowledge and learn technical skills to help them be industry ready for careers in the fields of heating ventilation and air conditioning, engineering technology, building maintenance and construction, and welding. Students will attend classes in person at the ATSI-Penn Valley campus for half of their school day. This program is for juniors and seniors, transportation is provided to the ATSI campus.

This program is a great option for students who want to go to work after high school, prefer to learn with their hands and heads, want to build their resume, or are unsure about what career/major they are interested in pursuing.

Participants in the program earn college credits towards earning a certificate and can apply these credits towards completing an Associate in Applied Science degree.

Program availability is dependent on enrollment minimums set by MCC-ATSI program directors.

### ***Early College Academy Programs***

NKC Schools has partnered with several institutions of higher education to give students the opportunity to learn on college campuses.

Dual enrollment programs offer high school students a unique opportunity to get a head start on their college education. By taking college courses while still in high school, students can earn both high school and college credits simultaneously, saving time and money. These programs not only enhance academic rigor but also allow students to explore their interests, develop critical skills, and ease the transition to college life. With access to college-level resources and instructors, dual enrollment can empower students to achieve their educational and career goals while gaining a competitive edge for their future. We encourage students to embrace the chance to advance their learning and expand their horizons today!

**Any questions regarding Early College Academy at MCC Maple Woods, UMKC, Collegiate Nursing Academy-William Jewell or MCC Advanced Technical Skills Institute contact Director Early College Programs, Shannon Gilliland 816-321-4672 or [Shannon.gilliland@nkschools.org](mailto:Shannon.gilliland@nkschools.org)**

Students who start the program as a junior will have an opportunity to earn their [Associate in Arts degree](#) or Core 42 Certificate.

## CORE 42 Knowledge Areas and Distribution Requirements

<b>Knowledge Area</b>	Distribution Requirement
<b>Social &amp; Behavioral Sciences</b>	Nine (9) credit hours minimum, from at least two (2) disciplines, including at least one Civics course.**
<b>Written Communications</b>	Six (6) credit hours minimum.
<b>Oral Communications</b>	Three (3) credit hours minimum.
<b>Natural Sciences</b>	Seven (7) credit hours minimum, from at least two (2) disciplines, including one course with a lab component.
<b>Mathematical Sciences</b>	Three (3) credit hours minimum. Mathematical Sciences courses that use one of the pathways courses as a prerequisite will meet the general education credit for math. For example, Calculus meets the general education math requirement since Pre-Calculus Algebra is a prerequisite.
<b>Humanities &amp; Fine Arts</b>	Nine (9) credit hours minimum, from at least two (2) disciplines. There is a limit of three (3) credit hours of Performance (PERF) courses that can be applied to the Humanities & Fine Arts Knowledge Area and to the total CORE 42.

The number of hours listed above only total 37 credit hours. The remaining 5 credit hours may be taken from other MOTR courses, distributed across the knowledge areas.

\*\*Note that the civics requirement in CORE 42 is different from and does not fulfill the requirements of RSMo 170.013, Missouri Higher Education Civics Achievement Examination.

## Associate in Arts degree

**Purpose Statement:** The Metropolitan Community College Associate in Arts degree provides a well-rounded educational foundation that prepares students as citizens in a democratic society, aids in their selection of an appropriate major/career path and provides a path to complete a baccalaureate degree. *Note: Credits listed under MOTR and MCC indicate the minimum number of credits needed to fulfill the respective requirement.*

[Learn More](#)

CIVICS EXAM	Missouri Law (SB807) requires all public colleges and universities to administer a civics exam to students as a requirement for graduation. Students must score at least 70% on the exam before they can receive a degree.	
DIVERSITY COURSE	Required Diversity Course: Courses marked with a globe (🌐) are diversity courses. Choose one of the indicated courses to fulfill the Diversity requirement. Additional MCC courses carrying the Diversity designator can be found <a href="#">here</a> .	
<b>GENERAL EDUCATION REQUIREMENTS</b>	<b>Core 42/MOTR Credit Hours</b>	<b>MCC Credit Hours</b>
ORAL COMMUNICATIONS	3	3
WRITTEN COMMUNICATIONS	6	6
MATHEMATICAL SCIENCES	3	3
SOCIAL AND BEHAVIORAL SCIENCES	9	9
NATURAL SCIENCES (7 credit minimum, with two courses from two different disciplines, including at least one course with lab).	7	7
HUMANITIES AND FINE ARTS	9	12
MINIMUM MOTR REQUIRED CLASSES	37	40
ADDITIONAL MOTR ELECTIVES	5	2
TOTAL GENERAL EDUCATION CREDIT HOURS	42	42
GENERAL DEGREE REQUIREMENTS	Credits to complete AA degree	
AA DEGREE ELECTIVES*	18	18
<b>Total Credit Hours Required for Associate in Arts Degree</b>	<b>60 Credit Hours (minimum)</b>	

\*A student may take any 100 level or higher MCC course(s) to satisfy the elective requirements for the AA. Courses may only be used to fulfill one requirement. Non MOTR courses are not guaranteed to transfer, and some may require prerequisite work. Students should consult with academic advisors both at MCC and any planned transfer institutions. Recommended electives are lists of suggested courses designed to help students gain expertise in a specific area of study while pursuing the AA. These courses are not guaranteed to transfer, and some may require prerequisite work. Students should consult with academic advisors both at MCC and any planned transfer institutions.

## ***Early College Academy: University Missouri Kansas City***

The UMKC-NKC Early College Academy is being offered to students who will be seniors in the 2025-2026 school year. This is an excellent opportunity for students to gain experience navigating a large college or university campus after high school. UMKC offers a wide array of classes - especially the Arts, Engineering, Business, just to name a few.

Early College Academy scholars will earn between 9-12 college hours per semester of enrollment at University Missouri Kansas City. Seniors can apply to the Early College Academy and choose a half day or full day schedule. These college courses will concurrently count toward high school graduation requirements AND a college degree.

These courses may be part of the CORE 42 that are transferrable to any publicly funded 4-year college or university in Missouri. Students can make substantial progress toward earning a degree as they begin their post-secondary career. The students may transfer the coursework to other colleges or universities. Students who are accepted and meet program expectations will have tuition/books/fees and individual supports provided.

Click the link to learn more about [UMKC-NKC ECA](#) program.

## ***Early College Academy: Collegiate Nursing Academy- William Jewell College***

***Students must provide their own transportation for this program.***

The Collegiate Nursing Academy is being offered to students who will be seniors in the 2025-2026 school year. This program is designed to provide students a learning experience in healthcare that exposes participants to the Nursing profession, the educational expectations and academic rigor expected of those who plan to enter the nursing field, clinical experience, and the necessary preparation to earn the Certified Nurse Assistant (CNA) certification.

All participants will receive instruction from college-level faculty at William Jewell College for their required 75 hours of coursework, 100 hours of real-world clinical experience with teaching nurses at Liberty Hospital or North Kansas City Hospital and 7.5 free nursing credits. All students who successfully complete the required coursework will be eligible to sit for the state of Missouri CNA certification exam. Students who successfully achieve certification are guaranteed an employment interview with North Kansas City Hospital.

During the Fall semester students will be enrolled Anatomy through WJC and in another general education course in the Spring semester.

Program requirements and application available at <https://www.nkcschools.org/district/dept/eca/eca-collegiateanursingacademy>

**Any questions regarding Early College Academy at MCC Maple Woods, UMKC, Collegiate Nursing Academy-William Jewell or MCC Advanced Technical Skills Institute contact Director Early College Programs, Shannon Gilliland 816-321-4672 or [Shannon.gilliland@nkcschools.org](mailto:Shannon.gilliland@nkcschools.org)**

## ***Northland Center for Advanced Professional Studies (Northland CAPS)***

Northland CAPS is an educational career exploration program. Juniors and seniors are involved with business partners in the Northland, working side by side with employees at their site to solve authentic problems for their business. Northland CAPS students are immersed in professional environments engaging in curriculum developed by industry professionals and program instructors – ensuring that what is taught in the classroom is relevant to the workforce. Learning is enhanced by project work direct from industry partners who engage to mentor students and ensure timely, accurate and real project results.

<https://www.northlandcaps.org/s/1625/bp19/home.aspx>.

Learning at Northland CAPS is real-time, real-world, and hands-on. Emphasis is placed on developing professional skills, such as communication and collaboration, which employers deem highly important to individual success.

## ***Apprenticeship***

After meeting eligibility requirements, students may receive advanced placement on the beginning wage scale upon admission to one of several apprenticeship programs. See your counselor for specific eligibility requirements.

## ***College Credit***

Students may earn college credit from selected 2- and 4-year post-secondary institutions. The actual credit varies from program to program. See your counselor for more information.

## ***Correspondence***

State and local board policy allows a student to apply up to three units of credit from correspondence toward meeting district graduation requirements. Correspondence credit must be from a correspondence school accredited by AdvancED or its equivalent. Grades are listed as pass/fail and are not included in high school GPA.



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## *Other Programs*

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### ***English Language Learners (ELL)***

At the high school level, courses are offered which correspond to students' levels of English language proficiency. Course placement is determined by the outcome of a federally mandated *language assessment (the WIDA Screener)* which is given by a trained ELL specialist prior to enrollment.

### **ELL Newcomer Program**

The most intensive level of ELL services is offered in the **Newcomer Program** at NKCHS. Students in the district who are new to the U.S. and receive a composite score of 2.5 (Entering to mid-Emerging) or below qualify for this program. In this program, students receive intensive instruction for five hours a day in English reading, writing, speaking, and listening, provided by a certified ELL teacher and two paraprofessionals. Students are taught English through a variety of techniques including total physical response, memorization games, role-play, presentations by students, projects, discussions, cooperative learning groups, a computer language program, literary analysis, journal writing, reading circles, peer-tutoring, writing rubrics, pre-writing graphics and other graphic organizers. Vocabulary from content areas also is addressed. These include mathematics, social studies, and science. Students also are helped with cultural adjustment to the American academic environment, a more culturally diverse setting, and the American culture at large. This is done through introductions, tours, discussions of cultural differences, discussions about work and health in America, and encouraging the students to ask questions and ask for help. Also, clothing donations and school supply donations help students as they get settled in and adjusted to American culture.

### **Sheltered Content Courses**

Sheltered Content courses are offered to students in core content areas at all four high schools after they complete the Newcomer Program, or if they enter the district at the Emerging to Developing levels of language proficiency (2.0-3.5). Math, social studies, science and Read 180/Code literacy courses are taught using "sheltering" techniques at NKCHS. In these courses, the regular curriculum is taught incorporating strategies which make the language and content more accessible to students. Various sheltered English Language Arts classes are offered at all four high schools which address the objectives of the general education ELA curriculum while taking into consideration the language development needs of the students through special attention to language functions and structures that may be problematic to ELLs.

### **ELL Resource/Intervention Classrooms**

ELLs at Developing through Bridging levels of language proficiency are scheduled to an **ELL Resource or Intervention** class with the ELL teacher and/or paraprofessionals available to provide additional support for content area coursework.

*For more information, please contact Lezlie Paden, ELL Program Director, at 816-321-5859.*

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# *Programs for Students with Disabilities*

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It is the policy of the Board of Education of North Kansas City Schools to provide a free and appropriate education for students with disabilities, including those who are in need of special education and related services.

## **Special Education Transition Planning**

Transition planning is an ongoing process – not a single event – that builds on itself each year. Transition planning is the basis for IEP development for all students served in special education in high school or who will turn 16 during the year that the current IEP is in effect. Transition planning involves the student, along with the parents and IEP team, working to develop plans for the future based upon age-appropriate transition assessment. This assessment provides the foundation for transition planning and IEP development. Students' needs, preferences, and interests are investigated to determine appropriate, measurable goals for after graduation from high school, as well as services needed during high school, to assist the student to attain these post-school outcomes. Post-secondary goals evolve and change as the student gets older and gains new insights; therefore, the IEP will reflect these changes over time. Based upon the results of transition assessment, post-secondary goals are developed in the areas of education/training, employment, and independent living. In addition, needed transition services are addressed that will facilitate the attainment of the post-schools goals.

North Kansas City Schools is committed to providing transition-related coursework that will provide students the opportunity to develop skills needed to live and work in the community. Courses are offered in the school setting as well as within the community. Descriptions of these courses are provided in this section.

*For more information, please contact your student's case manager, school counselor, building administrator, or the special education coordinator.*

## **Individuals with Disabilities Education Act (IDEA)**

The district seeks to identify, evaluate, and provide free and appropriate educational services in the least restrictive environment to all qualified students with disabilities within the definitions of Section 504 of the Rehabilitation Act of 1973 and the American with Disabilities Act (ADA). No qualified student with a disability shall, on the basis of disability, be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any district program, including nonacademic services and extracurricular activities.

Students with disabilities may be eligible for accommodation under this policy even though they are not eligible for services pursuant to the IDEA. The district will initiate a referral if a student requiring accommodation is also believed to be a student with a disability under the IDEA. Implementation of an IEP in accordance with the IDEA satisfied the district's obligation to provide a free and appropriate education under Section 504.

*For more information, please contact your student's case manager, school counselor, building administrator, or the special education coordinator.*











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# Preparing for Secondary Choices

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## A+ Schools Program

### Student Eligibility

To be eligible for the financial incentives of the A+ Schools Program, a student must have:

- Completed and signed an A+ Schools Program Agreement and turned it into the A+ office.
- Attended an A+ designated school at least three years prior to high school graduation.
- Graduated with a grade point average of 2.5 on a 4.0 scale.
- Graduated with at least a 95% attendance record for a four-year period.
- Maintained a record of good citizenship; and avoidance of the unlawful use of drugs and/or alcohol while in grades 9-12.
- Performed at least 50 hours of unpaid academic tutoring or mentoring, connected to North Kansas City Schools, and supervised by a district employee.
- Have achieved a score of proficient or advanced on the Algebra I end of course exam.
  - If you meet all the eligibility requirements except the end of course exam requirement, you may establish eligibility by achieving a specified combined ACT math subscore and high school GPA. Please see your building A+ coordinator for more information.

### A+ Coordinators

NKCHS	David Garrison	(816) 321-4652
OPHS	Mike Dial	(816) 321-4474
SHS	Barry Crilley	(816) 836-9040
WHS	Shannon Calohan	(816) 321-6947

### Student Benefits

The A+ Program may provide these educational incentives subject to state funding approval.

- Tuition, general fees\* subject to legislative appropriation paid for by the state to any of Missouri's public community colleges or public career or technical schools. \*\*
- Incentives will be made available after the student has made a good faith effort to first secure all available federal post-secondary student financial assistance funds that do not require repayment. Parents must complete and send in the Free Application for Federal Student Aid (FAFSA). Parental income is **NOT** criteria for A+ student incentive reimbursement. Failure to complete the FAFSA will result in denial of A+ benefits.
- Students may receive this incentive for a maximum of six semesters, must be enrolled as a FULL-TIME student, and maintain a grade point average of 2.5 or higher on a 4.0 scale at the institution. Students are eligible to use the incentive for **UP TO FOUR** years after high school graduation.

### **All funds for the A+ Schools Program are subject to yearly State budgetary appropriations**

*In accordance with Missouri State guidelines, a school district may have a process to review an appeal by a student to meet the A+ School Program guidelines. North Kansas City Schools provides such a process for students to submit a request for an appeal.*

\*Fees are limited to general fees all students are required to pay.

\*\*Funds become available the semester following the student's graduation.

## ***ACT and SAT***

North Kansas City Schools will provide an opportunity for juniors to take the ACT free of charge. This will occur during a school day in the spring semester at all four high schools. Students may elect to take the ACT on a regularly scheduled national test date as well.

The ACT and SAT I tests are administered on a limited number of national test dates during the year. The deadline to register for one of these tests is approximately one month prior to the test date. Enroll using the following websites: [www.ACT.org](http://www.ACT.org) or [www.collegeboard.com](http://www.collegeboard.com).

## ***College Admission Tests***

ACT research shows students who complete the following core curriculum consistently score higher on the ACT than those students who do not take the core curriculum:

- 4 English Language Arts credits
- 4 Math credits (Algebra I & above)
- 3 Science credits (Lab Sciences)
- 3 Social Studies/History credits

*It is also highly recommended to take the ACT Prep College Transitions course or attend another ACT Test Prep training prior to testing.*

*ACT is a registered trademark of ACT, Inc., which were not involved in the production of, and do not endorse, this product. PSAT is a registered trademark of the College Board and National Merit Scholarship Corporation, which were not involved in the production of, and do not endorse, this product. AP and CLEP are registered trademark of the College Board and National Merit Scholarship Corporation, which were not involved in the production of, and do not endorse, this product.*

# NCAA Eligibility Center

## Division I Academic Standards

### Division I Academic Standards

Division I schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:



1. Earn 16 NCAA-approved core-course credits in the following areas:

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>SCIENCE</b> (Including one year of lab, if offered)	<b>EXTRA</b> (English, math or science)	<b>SOCIAL SCIENCE</b>	<b>OTHER</b> Any area listed to the left or courses listed in additional discipline (world language, comparative religion or philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

2. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
3. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester. Once you begin your seventh semester, any course needed to meet the 10/7 requirement cannot be replaced or repeated.
4. Earn a minimum 2.3 **core-course GPA**.
5. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

#### EARLY ACADEMIC QUALIFIER

If you meet **specific criteria** after six semesters of high school, you may be deemed an early academic qualifier for Division I and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

#### QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

#### ACADEMIC REDSHIRT

You may practice during your first regular academic term and receive an athletics scholarship during your first year of full-time enrollment but may **NOT** compete during your first year of full-time enrollment. You must pass either eight quarter or nine semester hours to practice in the next term.

#### NONQUALIFIER

You will not be able to practice, compete or receive an athletics scholarship during your first year of full-time enrollment.



# Division I Academic Standards

<p>GRADE</p> <h1 style="font-size: 48px; margin: 0;">9</h1> <p>REGISTER</p>	<ul style="list-style-type: none"> <li>» If you haven't yet, <a href="https://eligibilitycenter.org">register</a> for a free Profile Page account at <a href="https://eligibilitycenter.org">eligibilitycenter.org</a> for information on NCAA initial-eligibility requirements.</li> <li>» Use NCAA Research's <a href="#">interactive map</a> to help locate NCAA schools you're interested in attending.</li> <li>» Find your high school's list of NCAA-approved core courses at <a href="https://eligibilitycenter.org/courselist">eligibilitycenter.org/courselist</a> to ensure you're taking the right courses, and earn the best grades possible!</li> </ul>
<p>GRADE</p> <h1 style="font-size: 48px; margin: 0;">10</h1> <p>PLAN</p>	<ul style="list-style-type: none"> <li>» If you're being actively recruited by an NCAA school and have a Profile Page account, <a href="#">transition</a> it to the required <a href="#">certification account</a>.</li> <li>» Monitor the <a href="#">task list</a> in your NCAA Eligibility Center account for next steps.</li> <li>» At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.</li> <li>» If you fall behind academically, ask your high school counselor for help finding <a href="#">approved courses</a> you can take.</li> </ul>
<p>GRADE</p> <h1 style="font-size: 48px; margin: 0;">11</h1> <p>STUDY</p>	<ul style="list-style-type: none"> <li>» Ensure your <a href="#">sports participation</a> information is correct in your Eligibility Center account.</li> <li>» Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved <a href="#">core courses</a> and graduate on time with your class.</li> <li>» Share your <a href="#">NCAA ID</a> with NCAA schools recruiting you so each school can place you on its <a href="#">institutional request list</a>.</li> <li>» At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.</li> </ul>
<p>GRADE</p> <h1 style="font-size: 48px; margin: 0;">12</h1> <p>GRADUATE</p>	<ul style="list-style-type: none"> <li>» <a href="#">Request your final amateurism certification</a> beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at <a href="https://eligibilitycenter.org">eligibilitycenter.org</a>.</li> <li>» Apply and be accepted to the NCAA school you plan to attend.</li> <li>» Complete your final NCAA-approved <a href="#">core courses</a> as you prepare for graduation.</li> <li>» After you graduate, ask your high school counselor to upload your final <a href="#">official transcript</a> with proof of graduation to your Eligibility Center account.</li> </ul>

**How to plan your high school courses to meet the 16 core-course requirement: 4 x 4 = 16**

9 <sup>th</sup> GRADE	10 <sup>th</sup> GRADE	11 <sup>th</sup> GRADE	12 <sup>th</sup> GRADE
(1) English (1) Math (1) Science (1) Social Science and/or other <span style="background-color: #f4a460; color: white; padding: 2px 5px; font-weight: bold;">4 CORE COURSES</span>	(1) English (1) Math (1) Science (1) Social Science and/or other <span style="background-color: #f4a460; color: white; padding: 2px 5px; font-weight: bold;">4 CORE COURSES</span>	(1) English (1) Math (1) Science (1) Social Science and/or other <span style="background-color: #f4a460; color: white; padding: 2px 5px; font-weight: bold;">4 CORE COURSES</span>	(1) English (1) Math (1) Science (1) Social Science and/or other <span style="background-color: #f4a460; color: white; padding: 2px 5px; font-weight: bold;">4 CORE COURSES</span>



**CONTACT THE NCAA ELIGIBILITY CENTER**  
 U.S. and Canada (except Quebec):  
 877-262-1492 (toll free), Monday-Friday  
 9 a.m. to 5 p.m. Eastern time  
 International (including Quebec):  
[on.ncaa.com/IntContact](https://on.ncaa.com/IntContact)

[@ncaaec](#) [@ncaaec](#) [@ncaaec](#) [@playcollegesports](#)

# Division II Academic Standards

Division II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

NCAA DIVISION II

MAKE IT YOURS.

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional discipline (world language, comparative religion or philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

- 2. Earn a minimum 2.2 core-course GPA.
- 3. Ask your high school counselor to upload your final official transcript with proof of graduation to your Eligibility Center account.

### EARLY ACADEMIC QUALIFIER

If you meet specific criteria after six semesters of high school, you may be deemed an early academic qualifier for Division II and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

### QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

### PARTIAL QUALIFIER

You may practice and receive an athletics scholarship but may NOT compete during your first year of full-time enrollment.



# Division II Academic Standards

<p>GRADE <b>9</b> REGISTER</p>	<ul style="list-style-type: none"> <li>» If you haven't yet, <b>register</b> for a free Profile Page account at <a href="http://eligibilitycenter.org">eligibilitycenter.org</a> for information on NCAA initial-eligibility requirements.</li> <li>» Use NCAA Research's <b>interactive map</b> to help locate NCAA schools you're interested in attending.</li> <li>» Find your high school's list of NCAA-approved core courses at <a href="http://eligibilitycenter.org/courselist">eligibilitycenter.org/courselist</a> to ensure you're taking the right courses, and earn the best grades possible!</li> </ul>
<p>GRADE <b>10</b> PLAN</p>	<ul style="list-style-type: none"> <li>» If you're being actively recruited by an NCAA school and have a Profile Page account, <b>transition</b> it to the required <b>certification account</b>.</li> <li>» Monitor the <b>task list</b> in your NCAA Eligibility Center account for next steps.</li> <li>» At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.</li> <li>» If you <b>fall behind</b> academically, ask your high school counselor for help finding <b>approved courses</b> you can take.</li> </ul>
<p>GRADE <b>11</b> STUDY</p>	<ul style="list-style-type: none"> <li>» Ensure your <b>sports participation</b> information is correct in your Eligibility Center account.</li> <li>» Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved <b>core courses</b>.</li> <li>» Share your <b>NCAA ID</b> with NCAA schools recruiting you so each school can place you on its <b>institutional request list</b>.</li> <li>» At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.</li> </ul>
<p>GRADE <b>12</b> GRADUATE</p>	<ul style="list-style-type: none"> <li>» <b>Request your final amateurism certification</b> beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at <a href="http://eligibilitycenter.org">eligibilitycenter.org</a>.</li> <li>» Apply and be accepted to the NCAA school you plan to attend.</li> <li>» Complete your final NCAA-approved <b>core courses</b> as you prepare for graduation.</li> <li>» After you graduate, ask your high school counselor to upload your final <b>official transcript</b> with proof of graduation to your Eligibility Center account.</li> </ul>

**How to plan your high school courses to meet the 16 core-course requirement:** 4 x 4 = 16

9 <sup>th</sup> GRADE	10 <sup>th</sup> GRADE	11 <sup>th</sup> GRADE	12 <sup>th</sup> GRADE
(1) English (1) Math (1) Science (1) Social Science and/or other <b>4 CORE COURSES</b>	(1) English (1) Math (1) Science (1) Social Science and/or other <b>4 CORE COURSES</b>	(1) English (1) Math (1) Science (1) Social Science and/or other <b>4 CORE COURSES</b>	(1) English (1) Math (1) Science (1) Social Science and/or other <b>4 CORE COURSES</b>



**CONTACT THE NCAA ELIGIBILITY CENTER**

U.S. and Canada (except Quebec):  
877-262-1492 (toll free), Monday-Friday  
9 a.m. to 5 p.m. Eastern time

International (including Quebec):  
[on.ncaa.com/IntContact](http://on.ncaa.com/IntContact)

@ncaaec   
 @ncaaec   
 @ncaaec   
 @playcollegesports

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# Enrollment

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## ***Enrollment Process***

- Students complete their Individual Career and Academic Plan (ICAP) with their advisor/counselor.
- Students may use career assessments, exploration, and planning for post-secondary education.
- Students meet with counselors to complete their course selections.

Choosing the right classes in high school has a big impact on a student's preparation for life after high school.

## ***Schedule Changes***

Every attempt is made to offer courses to students as requested by students at pre-enrollment. If conflicts develop, the student's alternative courses from their Course Enrollment – Individual Career and Academic Plan (ICAP) may be used.

## ***Adding Classes***

Students may only add a new class during the first two weeks of the semester. A student may not transfer into the second semester of a full credit subject unless he or she has completed the first semester of the subject. Passing semester 1 is optional.

## ***Dropping Classes***

Dropping courses may jeopardize eligibility, progress towards graduation and post-secondary options. Courses dropped after the tenth week from the start of the semester may be recorded as an F. Appeals may be made to the building principal. Students who select full credit courses are expected to remain in the class for the full year. Students may not drop required or core classes and must maintain a full schedule of classes. In many cases, this will mean that drop requests cannot be accommodated.

The ONLY reasons to drop are:

- To meet a graduation requirement
- To correct an administrative error
- If the student does not meet the pre-requisite for the class



Extraordinary Educational  
Experiences

## *Counselors, Distinguished Diploma, Gifted Resource and Postsecondary Success Coordinator*

<b>High School Counselor Assignments</b>			
Counselors/Registrars	Phone	Responsibility	Email
Shellie Copas, Chair	816-321-6887	Health & Wellness Pathway	<a href="mailto:shellie.copas@nkcschools.org">shellie.copas@nkcschools.org</a>
Scott Sherman	816-413-3701	BLE Pathway	<a href="mailto:scott.sherman@nkcschools.org">scott.sherman@nkcschools.org</a>
Eli Jacobs	816-321-6720	DIT Pathway	<a href="mailto:eli.jacobs@nkcschools.org">eli.jacobs@nkcschools.org</a>
Haley Klein	816-321-4187	Human Services Pathway	<a href="mailto:haley.klein@nkcschools.org">haley.klein@nkcschools.org</a>
Tara Holmes	816-321-4974	Assistant	<a href="mailto:tara.holmes@nkcschools.org">tara.holmes@nkcschools.org</a>
Tabatha Wano	816-321-6365	Registrar	<a href="mailto:tabatha.wano@nkcschools.org">tabatha.wano@nkcschools.org</a>
Dr. Jaime McSparin	816-321-6301	College & Career Facilitator	<a href="mailto:jamie.mcsparin@nkcschools.org">jamie.mcsparin@nkcschools.org</a>
Madelynn Zimmermann	816-321-6100	College Advisor	<a href="mailto:madelynn.zimmermann@nkcschools.org">madelynn.zimmermann@nkcschools.org</a>

<b>Distinguished Diploma</b>			
Resource Coordinator	Phone	Responsibility	Email
Mrs. Mitsi Nessa	816-321-5805	IB Diploma Programme Coordinator	<a href="mailto:mitsi.nessa@nkcschools.org">mitsi.nessa@nkcschools.org</a>
Dr. Martha DeVries	816-321-6584	IB Career-related Programme Coordinator	<a href="mailto:martha.devries@nkcschools.org">martha.devries@nkcschools.org</a>
Ms. Cymantha Beason	816-321-6508	IB Programme Administrative Assistant	<a href="mailto:cymantha.beason@nkcschools.org">cymantha.beason@nkcschools.org</a>

<b>Gifted Resource &amp; Postsecondary Success Coordinator</b>			
Resource Coordinator	Phone	Responsibility	Email
Mr. Marcus Myers	816-321-5794	Gifted Specialist	<a href="mailto:marcus.myers@nkcschools.org">marcus.myers@nkcschools.org</a>
Dr. Lori Dameron	816-321-4432	Catalyst	<a href="mailto:Lori.Dameron@nkcschools.org">Lori.Dameron@nkcschools.org</a>

# College & Career Pathways

## School of Human Services



NORTH KANSAS CITY HIGH SCHOOL



Students in the School of Human Services are empathetic problem solvers that collaborate and build the skillset needed to educate effectively for the betterment of humanity.

### Public Service Pathway

Step into the world of communication and interaction as you learn how we think, act and live through the study of concepts such as social and cultural anthropology. Understand the importance of advocating for a healthy and sustainable community as you study renewable energy, geography and more.

### Possible Career Interest:

Police Officer, Attorney, Military, Cosmetology, Fire Fighter, Psychologist, Substance Abuse Counselor, Social Worker, More!

	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
English Language Arts	ELA I+ Pre IB Honors ELA I	ELA II+ Pre IB Honors ELA II	IB English A (HL-1)+ IB Lang & Lit (HL-1)+ AP Eng Language & Composition+ Composition & Literature	IB Lang & Lit (HL-2)+ IB English A (HL-2)+ College English++ AP English Literature+ Composition & Reading
Math	Algebra I+	Geometry+	Algebra II IB Math (SL, HL-1)+	College Algebra+ PreCalculus Statistics IB Math (SL, HL-2)+
Science	Pre IB Biology+	Chemistry+ Pre IB Honors Chemistry	Environmental Science IB Biology (SL, HL-1)+	<i>IB Environmental Systems and Societies+</i> <i>IB Biology (SL, HL-2)+</i>
Social Studies	Pre IB Honors World History+ AP Human Geography++	U.S. History+ AP US History++	AP/College Government++ IB History (SL, HL-1)++	<i>IB History (SL, HL-2)+</i>
Tech Core	Honors Intro to Human & Public Services+	Advocacy in the Community & Sustainability	College Fundamentals of Public Speaking+	AP Psychology+ Psychology IB Psychology

(\*) Indicates required courses; (+) Indicates college level courses; (#) Indicates programs which offer Industry Recognized Credentials

Italicized courses (Senior level Science & Social Studies) are not required for graduation.

Market Value Asset Opportunities	Work-Based Learning Opportunities	Post-Secondary Opportunities
✓ Up to 35 Hours of College Credit Coursework	✓ Guest Speakers	✓ Individual Career + Academic Plan
✓ Client Connected Projects	✓ Resume Writing & Mock Interviews	✓ College Visits
✓ Opportunity to Earn Industry-Recognized Credentials	✓ Industry Integrated Curriculum & Projects	✓ College & Career Fair
✓ Internship Opportunities	✓ Mentorship Program & Job Shadowing	✓ Post-Secondary Resources & Support

### Pathway Aligned Courses

- FACS Internship
- Child Development I
- Child Development II
- Speech & Debate
- Graphic Design
- ProStart
- Foods
- Journalism
- Global Language
- AVID
- Student Ambassadors
- Leadership
- Sociology

### Off Campus Programs

- NCC# - Law Enforcement/CSI; Teaching Professions; Culinary Arts; Health Sciences; Agricultural Sciences
- NCAPS+ - Medicine & Healthcare; Global Business & Logistics; Engineering & Advanced Manufacturing
- Early College Academy
  - Maple Woods
  - UMKC
- Entrepreneurial Studies (Class Act Coffee)
- Professional Internship

### Clubs & Activities

- Environmental/Garden Club
- Family Career & Community Leaders of America (FCCLA)
- ProStart Culinary & Management Team



SCAN ME



**College and Career Facilitator**  
**Dr. Jamie McSparin**  
 Jamie.McSparin@nkcschools.org

Visit our website to learn more!

# School of Business, Leadership and Entrepreneurship

SCHOOL OF



## Business, Leadership & Entrepreneurship

NORTH KANSAS CITY HIGH SCHOOL



Students in the School of Business, Leadership and Entrepreneurship gain marketable skills through relevant, authentic projects that are based on the foundation of business partnerships with the community. Students will have the opportunity to lead, plan, promote, and sell products through job shadows, internships, and client-based projects.

### Business Pathway

Learn how to create and use budgets, how to interpret data and make business decisions to create a financially healthy business or your own.

### Marketing Pathway

Master the basics of marketing and business operations while gaining exposure to relevant career opportunities in the world of business and finance.

### Possible Career Interest:

Marketing Specialist, Accountant, Journalist, Advertising, Banking, Financial Advisor, Small Business Owner, More!

	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
English Language Arts	ELA I+ Pre IB Honors ELA I	ELA II+ Pre IB Honors ELA II	IB English A (HL-1)+ IB Lang & Lit (HL-1)+ AP Eng Language & Composition+	IB Lang & Lit (HL-2)+ IB English A (HL-2)+ College English++ AP English Literature+ Composition & Reading
Math	Algebra I+	Geometry+ Pre IB Honors Geometry	Algebra II IB Math (SL, HL-1)+	College Algebra+ PreCalculus Statistics IB Math (SL, HL-2)+
Science	Pre IB Biology+	Chemistry+ Pre IB Honors Chemistry	Environmental Science IB Biology (SL, HL-1)+	<i>IB Biology (SL, HL-2)+</i>
Social Studies	Pre IB Honors World History+ AP Human Geography ++	U.S. History+ AP US History++	AP/College Government++ IB History (SL, HL-1)++	<i>IB History (SL, HL-2)+</i>
Tech Core (Business)	Foundations of Business	Business Communications	College BUS Entrepreneurship+	College Business Management+#
Tech Core (Marketing)	Intro to Media Marketing	Marketing Principles	College MKT Entrepreneurship+	College Advanced Marketing ++ College Sports Marketing ++

(\* ) Indicates required courses; (+) indicates college level courses; (#) indicates programs which offer Industry Recognized Credentials

*Italicized courses (Senior level Science & Social Studies) are not required for graduation.*

Market Value Asset Opportunities	Work-Based Learning Opportunities	Post-Secondary Opportunities
✓ Up to 36 Hours of College Credit Coursework	✓ Guest Speakers	✓ Individual Career + Academic Plan
✓ Client Connected Projects	✓ Resume Writing & Mock Interviews	✓ College Visits
✓ Opportunity to Earn Industry-Recognized Credentials	✓ Industry Integrated Curriculum & Projects	✓ College & Career Fair
✓ Internship Opportunities	✓ Mentorship Program & Job Shadowing	✓ Post-Secondary Resources & Support

### Pathway Aligned Courses

- Business Law
- ProStart
- Accounting
- Graphic Design
- PLTW Computer Science
- AVID
- Journalism
- Global Language
- Student Ambassadors
- Leadership

### Off Campus Programs

- NCC# - IT Professionals; Production Technologies; Culinary Arts; Teaching Professions; Law Enforcement/CSI
- NCAPS+ - Global Business & Logistics; Digital Media & Design; Technology Solutions; Engineering & Advanced Manufacturing
- Early College Academy
  - Maple Woods
  - UMKC
- Entrepreneurial Studies (Class Act Coffee)
- Professional Internship

### Clubs & Activities

- Future Business Leaders of America (FBLA)
- Distributive Education Clubs of America (DECA)
- Family Career & Community Leaders of America (FCCLA)
- ProStart Culinary & Management Team



SCAN ME



### College and Career Facilitator

Dr. Jamie McSparin  
Jamie.McSparin@nkcschools.org

Visit our website to learn more!

# School of Design, Innovation and Technology

SCHOOL OF



## Design, Innovation & Technology

NORTH KANSAS CITY HIGH SCHOOL



Students in the School of Design, Innovation and Technology use problem solving skills and creativity to innovate products that elevate our community and create real world solutions.

<b>Construction &amp; Engineering Pathway</b> Apply scientific, mathematical, and management principles to the planning, design and building of facilities and structures.	<b>Technology Pathway</b> Learn the fundamentals of software, hardware, and how to apply emerging practices to solve real world data security problems.	<b>Creative Design Pathway</b> Learn how to engage in the creative process as you invent, solve and reimagine the visuals of your future.	<b>Possible Career Interest:</b> Graphic Design, Electrician, Plumber, Data Scientist, Architect, IT Support, Project Manager, Cement Mason, More!
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	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
<b>English Language Arts</b>	ELA I* Pre IB Honors ELA I	ELA II* Pre IB Honors ELA II	IB English A (HL-1)+ IB Lang & Lit (HL-1)+ AP Eng Language & Composition+ Composition & Literature	IB Lang & Lit (HL-2)+ IB English A (HL-2)+ College English*+ AP English Literature+ Composition & Reading
<b>Math</b>	Algebra I*	Geometry*	Algebra II IB Math (SL, HL-1)+	College Algebra+ PreCalculus Statistics IB Math (SL, HL-2)+
<b>Science</b>	Pre IB Biology*	Chemistry* Pre IB Honors Chemistry	Physics IB Biology (SL, HL-1)+ IB Chemistry (SL, HL-1)+	IB Biology (SL, HL-2)+ IB Chemistry (SL, HL-2)+
<b>Social Studies</b>	Pre IB Honors World History+ AP Human Geography *+	U.S. History* AP US History*+	AP/College Government*+ IB History (SL, HL-1)*+	IB History (SL-2, HL-2)+ IB Psychology (SL-2, HL-2)+
<b>Tech Core (Construction &amp; Engineering)</b>	PLTW Intro to Engineering Design+	PLTW Principles of Engineering+	PLTW Civil Engineering and Architecture+	PLTW Engineering Design & Development+*
<b>Tech Core (Technology)</b>	PLTW Computer Science Essentials+	AP/PLTW Computer Science Principles+	PLTW Cybersecurity+	AP/PLTW Computer Science A+
<b>Tech Core (Creative Design)</b>	Creative Design I	Creative Design II	Creative Design III	AP Art & Design Studio+ IB Visual Arts

(\* ) Indicates required courses; (+) Indicates college level courses; (#) Indicates programs which offer Industry Recognized Credentials

Italicized courses (Senior level Science & Social Studies) are not required for graduation.

Market Value Asset Opportunities	Work-Based Learning Opportunities	Post-Secondary Opportunities
✓ Up to 39 Hours of College Credit Coursework	✓ Guest Speakers	✓ Individual Career + Academic Plan
✓ Client Connected Projects	✓ Resume Writing & Mock Interviews	✓ College Visits
✓ Opportunity to Earn Industry-Recognized Credentials	✓ Industry Integrated Curriculum & Projects	✓ College & Career Fair
✓ Internship Opportunities	✓ Mentorship Program & Job Shadowing	✓ Post-Secondary Resources & Support

### Pathway Aligned Courses

- FACS Internship
- Fashion/Interior Design and Merchandising
- Apparel Construction
- Graphic Design
- Drawing, Painting, Printmaking
- 2D/3D Art
- Woodworking
- AVID
- Journalism
- Global Language
- Student Ambassadors
- Leadership

### Off Campus Programs

- CTE# - Automotive Technology
- NCC# - IT Professionals; Diesel Technology; Aviation Technology; Construction Technology; Industrial Welding; Heating/Cooling & Climate Control; Production Technologies
- NCAPS+ - Global Business & Logistics; Digital Media & Design; Engineering & Advanced Manufacturing; Technology Solutions
- Early College Academy
  - Maple Woods
  - Advanced Technical Skills Institute
  - UMKC
- Entrepreneurial Studies (Class Act Coffee)
- Professional Internship

### Clubs & Activities

- Science Olympiad
- Robotics
- Art Club
- Technology Student Association (TSA)



SCAN ME



**College and Career Facilitator**

Dr. Jamie McSparin  
[Jamie.McSparin@nkcschools.org](mailto:Jamie.McSparin@nkcschools.org)

Visit our website to learn more!

# School of Health and Wellness



NORTH KANSAS CITY HIGH SCHOOL



Students in the School of Health and Wellness provides students with the academic foundation and technical background to prepare them to contribute to the physical, mental and emotional health of our communities at the local and global levels.

### Health Pathway

Experiences all aspects of overseeing healthcare facilities and the services they provide as you prepare to improve the lives of patients in your community.

### Wellness Pathway

Learn how to help patients live longer, healthier and happier lives as you study best practices for wellness, fitness, nutrition and more.

### Possible Career Interest:

Registered Nurse,  
Surgeon, Pharmacist,  
Dental Hygienist, Medical  
Assistant, Dietician,  
Veterinarian, Radiologist,  
More!

	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
English Language Arts	ELA I+ Pre IB Honors ELA I	ELA II+ Pre IB Honors ELA II	IB English A (HL-1)+ IB Lang & Lit (HL-1)+ AP Eng Language & Composition+ Composition & Literature	IB Lang & Lit (HL-2)+ IB English A (HL-2)+ College English++ AP English Literature+ Composition & Reading
Math	Algebra I+	Geometry+	Algebra II IB Math (SL, HL-1)+	College Algebra+ PreCalculus Statistics IB Math (SL, HL-2)+
Science	Pre IB Biology+	Chemistry+ Pre IB Honors Chemistry	IB Biology (SL, HL-1)+ IB Chemistry (SL, HL-1)+ Anatomy & Physiology	<i>IB Biology (SL, HL-2)+</i> <i>IB Chemistry (SL, HL-2)+</i> <i>Environmental Science</i>
Social Studies	Pre IB Honors World History+ AP Human Geography ++	U.S. History+ AP US History++	AP/College Government++ IB History (SL, HL-1)++	<i>Psychology</i> <i>AP Psychology+</i> <i>IB Psychology (SL-2, HL-2)+</i>
Tech Core (Health)	PLTW Principles of Biomedical Science+	PLTW Human Body Systems+	PLTW Medical Interventions+#	PLTW Biomedical Innovations+#
Tech Core (Wellness)	PLTW Principles of Biomedical Science+	PLTW Human Body Systems+	Therapy Studies & Brain Development	<i>AP Psychology+</i> <i>IB Psychology (SL-2, HL-2)+</i>

(\*) Indicates required courses; (+) Indicates college level courses; (++) Indicates programs which offer Industry Recognized Credentials

Italicized courses (Senior level Science & Social Studies) are not required for graduation.

### Pathway Aligned Courses

- Psychology
- AVID
- Journalism
- Global Language
- Student Ambassadors
- Leadership

### Off Campus Programs

- NCCF - Health Sciences; Culinary Arts; Law Enforcement/CSI; Agricultural Sciences; Teaching Professions
- NCAPS+ - Medicine & Healthcare; Global Business & Logistics
- Early College Academy
  - Maple Woods
  - UMKC
- Entrepreneurial Studies (Class Act Coffee)
- Professional Internship

### Clubs & Activities

- Science Olympiad
- Science Club
- Health Occupations Students of America (HOSA)

Market Value Asset Opportunities	Work-Based Learning Opportunities	Post-Secondary Opportunities
✓ Up to 38 Hours of College Credit Coursework	✓ Guest Speakers	✓ Individual Career + Academic Plan
✓ Client Connected Projects	✓ Resume Writing & Mock Interviews	✓ College Visits
✓ Opportunity to Earn Industry-Recognized Credentials	✓ Industry Integrated Curriculum & Projects	✓ College & Career Fair
✓ Internship Opportunities	✓ Mentorship Program & Job Shadowing	✓ Post-Secondary Resources & Support



SCAN ME



COLLEGE & CAREER PATHWAYS

**College and Career Facilitator**  
Dr. Jamie McSparin  
[Jamie.McSparin@nkcschools.org](mailto:Jamie.McSparin@nkcschools.org)

Visit our website to learn more!

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# 9<sup>th</sup> Grade Courses

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## English Language Arts

English Language Arts I   
NKCHS Pre-IB/Honors English  
Language Arts I

## English Language Arts Electives

Debate I  
Journalism 1  
Speech Communication

## Mathematics

Algebra I   
Algebra II   
Geometry   
Pre IB/Honors Algebra II  
Pre-IB/Honors Geometry

## Science

NKCHS Pre-IB/Honors Biology  
College Principles of Biomedical  
Science - PLTW

## Social Studies

NKCHS Pre-IB/Honors World  
History  
AP Human Geography

## Technical Core

### School of Human Services

Honors Introduction to Human and  
Public Services

### School of BLE

Foundations of Business

### School of DIT

Creative Design I  
College Computer Science  
Essentials - PLTW  
College Intro to Engineering  
Design - PLTW

### School of Health & Wellness

College Principles of Biomedical  
Science - PLTW

 = available in Launch (online  
learning)

## Global Language

French I   
French II   
German I   
Spanish I   
Spanish II   
Spanish for Heritage Speakers

## Fine Arts

Art 1  
Visual Art Photography  
Chamber Orchestra  
Concert Band  
Music Appreciation  
Jazz Band  
Symphonic Band  
Symphonic Orchestra  
Bass Choir  
Mixed Choir  
Treble Choir  
Competitive Drama  
Theater I

## Physical Education

Adaptive Physical Education  
Aerobics  
Health and Family Education  
**(Mo Grad Req)**   
Lifetime Activities  
Physical Education   
Strength & Conditioning I  
Strength & Conditioning II

## General Electives

AVID 9  
Marching Auxiliary  
Pathways Ambassadors

## Practical Arts

Business Law  
AP College Comp Science Principles -  
PLTW  
College Computer Science Essentials -  
PLTW  
Computer Applications  
Foods for Life  
Fashion Product Development  
Interior Decorating and Design  
Child Development I  
Child Development II  
Journalism 1  
Journalism 1 Broadcast  
Journalism 1 Photography  
Home Maintenance & Repair  
Woodworking I  
College Intro to Engineering Design -  
PLTW

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# 10<sup>th</sup> Grade Courses

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## English Language Arts

English Language Arts II   
NKCHS Pre-IB/Honors English  
Language Arts II

## English Language Arts Electives

Advanced Debate  
Debate I  
Journalism I

## Mathematics

Algebra I   
Algebra II   
AP Statistics   
College Algebra   
College Calculus I/AP Calculus A/B  
College Calculus II/AP Calculus B/C  
College PreCalculus  
Geometry   
Pre IB/Honors Algebra II  
Pre IB/Honors Geometry  
Honors PreCalculus  
Statistics  
Transition to College Algebra

## Science

Chemistry   
Honors Chemistry  
Coll Human Body Systems-PLTW  
College Physics  
Coll Principles of Biomedical Science -  
PLTW  
Physics

## Social Studies

AP Human Geography  
AP Psychology  
AP United States History  
AP World History: Modern  
College World History  
Honors US History  
College US History  
Military History  
Psychology  
US History

## Technical Core

### School of Human Services

Interpersonal Communication  
Advocacy in the Community &  
Sustainability

### School of BLE

Marketing Principles  
Accounting I

### School of DIT

AP College Computer Science  
Principles - PLTW  
College Principles of Engineering -  
PLTW  
Creative Design II  
School of Health & Wellness  
College Human Body Systems -  
PLTW  
Therapy Studies & Brain  
Development

## Global Language

French I   
French II   
College French III  
Spanish I   
Spanish II   
College Spanish III  
Spanish for Heritage Speakers I  
Spanish for Heritage Speakers II

## Fine Arts

Advanced Visual Art Photography  
AP Art History  
Art I  
Clay & Sculpture: 3D Medias  
Drawing, Painting, & Printmaking:  
2D Medias  
Graphic Design  
Visual Art Photography  
Chamber Orchestra  
Concert Band  
Jazz Band  
Music Appreciation  
Music Theory   
Symphonic Band  
Jazz Band

## Fine Arts (con't)

Symphonic Orchestra  
A Cappella Choir  
Bass Choir  
Chamber/Show/Jazz Choir  
Mixed Choir  
Treble Choir  
Varsity Treble Choir  
Advanced Competitive Drama  
Competitive Drama  
Theater I  
Theater II

## Physical Education

Adaptive Physical Education  
Aerobics  
Health and Family Education  
**(MO Grad Req)**   
Lifetime Activities  
Physical Education   
Strength & Conditioning I  
Strength & Conditioning II  
Team Sports

## General Electives

Personal Finance **(MO Grad Req)**   
ACT Prep & College Transitions   
AVID 10  
College Introduction to Teaching  
Marching Auxiliary  
Peer Mentor  
Stagecraft

## Practical Arts

Accounting I   
Business Law  
College Business Management  
Marketing Principles  
College Sports Marketing I  
AP College Computer Science A-PLTW   
AP Coll Comp Science Principles-PLTW   
Coll Comp Science Essentials-PLTW  
Computer Applications   
Foods for Life  
International Foods  
ProStart Foods Level I  
Interior Decorating and Design  
Fashion/Interior Design & Merchandising  
Advanced Fashion Product Development

## ***10<sup>th</sup> Grade Courses (continued)***

### **Practical Arts (con't)**

Child Development I  
Child Development II  
Child Development Learning Center II  
College Intro to Teaching  
Journalism 1  
Journalism 1 Broadcast  
Journalism 1 Photography  
Journalism 2 Broadcast  
Journalism 2 Magazine Across Platforms  
Journalism 2 Yearbook  
Journalism 2 Sports Broadcasting  
Journalism 3 Digital Laboratory  
Home Maintenance & Repair  
Woodworking I  
Woodworking II  
College Intro to Engineering Design-PLTW  
College Principles of Engineering-PLTW  
College Civil Engineering & Architecture -  
PLTW

*Students must pass the MCEI (Missouri Civics Education Initiative) Exam as a requirement for graduation. This test is given through the Social Studies Department.*

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# 11<sup>th</sup> Grade Courses

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## English Language Arts

Composition & Literature  
AP English Lang & Comp  
AP English Lit & Comp   
College English  
IB English A: Language & Literature HL  
IB English A: Literature HL  
IB English A: Language & Literature SL-1

## English Language Arts Electives

Advanced Debate  
AP Research  
College Fundamentals of Effective Speaking  
Debate I  
Fundamentals of Effective Speaking  
Journalism 1

## Mathematics

Algebra I   
Algebra II   
AP Statistics   
College Algebra   
College Calculus I/AP Calculus A/B  
College Calculus II/AP Calculus B/C  
Calculus I  
Calculus II  
Geometry   
Pre-IB/Honors Algebra II  
Pre-IB/Honors Geometry  
Honors PreCalculus  
IB Math: Applications and Interpretation SL-1  
IB: Math: Applications and interpretation SL-2  
Statistics  
Transition to College Algebra  
IB Math Analysis & Approaches SL/HL

## Science

Chemistry   
Physics  
Human Anatomy & Physiology  
AP Physics 1   
AP Physics 2  
IB-Chemistry-SL  
IB Chemistry SL  
IB Chemistry HL-1  
College Chemistry  
Chemistry II  
AP Chemistry  
IB Biology SL  
IB Biology HL-1  
AP Biology  
College Biology  
College Human Body Systems -  
College Principles of Biomedical  
Science-PLTW

## Science (con't)

College Medical Interventions PLTW  
IB Environmental Systems  
& Societies  
Environmental Science  
IB Sports Exercise & Health Science SL

## Social Studies

College US Government  
AP Government Politics US   
AP Comparative Gov't & Politics  
IB History SL  
IB History HL  
AP United States History   
College US History  
AP World History: Modern  
College World History  
IB Psychology SL  
Psychology  
AP Psychology   
IB Social & Cultural Anthropology SL  
IB Social & Cultural Anthropology HL  
Sociology  
Military History  
AP Human Geography

## Technical Core

### School of Human Services

College Fundamentals of Public  
Speaking  
AP Psychology++  
IB Social & Cultural Anthropology -  
(SL-1, HL-1)  
IB Environmental Systems & Societies  
(SL-1)++

### School of BLE

College Marketing Advanced  
College Sports Marketing  
IB Business Management  
College Entrepreneurship  
Business Communications  
School of DIT  
College Cyber Security-PLTW++  
IB Design Technology (HL-1)  
College Civil Engineering &  
Architecture- PLTW++  
Creative Design III  
IB Visual Arts (SL-1, HL-2)++

### School of Health & Wellness

College Medical Interventions-PLTW

## Global Language

French I   
French II   
College French III  
College French IV  
Pre-IB/Honors French III  
IB French SL  
IB French HL  
Spanish I   
Spanish II   
Pre-IB/Honors Spanish I  
Pre-IB/Honors Spanish II  
College Spanish III  
Pre-IB/Honors Spanish III  
IB Spanish  
IB Spanish HL  
College Spanish IV

## Fine Arts

Advanced Visual Art Photography  
AP Art and Design  
AP Art History  
Art I  
Clay & Sculpture: 3D Media  
Drawing, Painting, & Printmaking: 2D  
Media  
Graphic Design  
IB Visual Arts SL/HL  
Visual Art Photography  
AP Music Theory  
Chamber Orchestra  
Concert Band  
Jazz Band  
Music Appreciation  
Music Theory   
IB Music SL  
AP Music Theory  
Symphonic Band  
Symphonic Orchestra  
Mixed Choir  
Bass Choir  
Treble Choir  
Varsity Treble Choir  
A Cappella Choir  
Chamber/Show/Jazz Choir  
Pre-IB/Honors Theatre I  
Pre-IB/Honors Theatre II  
IB Theatre HL  
Theater III  
College Theater: Foundations of  
Fine Arts  
Competitive Drama  
Advanced Competitive Drama  
Theater Special Projects

## 11<sup>th</sup> Grade Courses (continued)

### Physical Education

Adaptive Physical Education  
Aerobics  
Health and Family Education  
**(MO Grad Req)**   
Lifetime Activities  
Strength & Conditioning I  
Strength & Conditioning II  
Team Sports

### Practical Arts

Accounting I   
Accounting II  
Business Law  
College Business Management  
IB Business Management SL  
AP College Computer Science A-PLTW  
AP College Computer Science  
Principles-PLTW  
College Computer Science Essentials-  
PLTW  
Computer Applications  
Computer Programming Capstone  
College Marketing  
College Entrepreneurship  
College Marketing Advanced  
Marketing Internship **(off campus)**  
Marketing Principles  
College Sports Marketing I  
Foods for Life  
International Foods  
ProStart Foods Level I  
ProStart Foods Level II  
Interior Decorating and Design  
Advanced Fashion Product Development  
Fashion Product Development  
Fashion/Interior Design &  
Merchandising  
Child Development I  
Child Development II  
Child Development Learning Center II  
College Intro to Teaching  
FACS Internship **(off campus)**   
Interpersonal Relationships  
Self-Development I  
Self-Development II  
Journalism 1  
Journalism 1 Photography  
Journalism 1 Broadcast

### Practical Arts (con't)

College Journalism 2 Magazine  
Across Platforms  
College Journalism 2 Yearbook  
College Journalism 2 Broadcast  
College Journalism 2 Sports  
Broadcasting  
College Journalism 3 Digital Laboratory  
Communication Capstone **(off campus)**  
Home Maintenance & Repair  
Woodworking I  
Woodworking II  
Woodworking III  
College Civil Engineering &  
Architecture-PLTW  
College Digital Electronics-PLTW  
College Intro Engineering Design-PLTW  
College Principles of Engineering-PLTW  
IB Design Technology SL  
Employment Experience **(off campus)**  
College NKC Professional Internship  
Program **(off campus)**

### General Electives

ACT Prep & College Transitions   
AVID 11  
Adaptive PE Assistant  
AP Research  
AP Seminar  
College Intro to Teaching  
Leadership  
Marching Auxiliary  
Leadership for School Climate  
Stagecraft  
Peer Mentor  
Personal Finance (MO Grad Req)

### CTEC (off campus)

Automotive Technology I  
Technical English Language Arts  
Technical Mathematics

### MCC -Advanced Technical Skills Institute (Off campus)

College Building Maintenance and  
Construction (ATSI)  
College Engineering Technology I  
College Heating, Ventilation &  
Air-Conditioning I  
College Welding

### Northland CAPS (off campus)

Digital Media & Design  
Engineering & Advanced  
Manufacturing  
Global Business and Logistics  
Medicine and Healthcare  
Technology Solutions

### Class Act Coffee (off campus)

Entrepreneurial Studies I  
Entrepreneurial Studies II

### Northland Career Center (Off campus)

Agriculture, Food, and Natural  
Resources  
Aviation Technology I  
Construction Technology I  
Culinary Arts I  
Diesel Technology -  
Med/Heavy Duty Truck Systems  
Diesel Technology - Engines &  
Electrical/Electronic Systems  
Health Sciences I  
Heating, Cooling & Climate  
Control I  
Industrial Welding I  
IT Professionals I  
Law Enforcement/CSI I  
Construction Technology I

### MCC-Maple Woods (off campus)

Open Catalog of Courses through  
Early College Academy

### UMKC (off campus)

Open Catalog of Courses through  
Early College Academy

*Students must pass the MCEI (Missouri Civics Education Initiative) Exam as a requirement for graduation. This test is given through the Social Studies Department.*

# 12<sup>th</sup> Grade Courses

## English Language Arts

Composition & Reading  
AP Language & Composition  
AP Literature & Composition  
College English  
AP Research  
IB English A: Language & Literature HL-2  
IB English A: Literature HL-2  
IB English A: Language & Literature SL-2

## English Language Arts Electives

Advanced Debate  
Argumentation & Debate III/IV  
College Argumentation & Debate III/IV  
College Fundamentals of Effective Speaking  
Debate I  
Fundamentals of Effective Speaking  
Journalism 1

## Mathematics

Algebra I   
Algebra II   
AP Statistics   
College Algebra   
College Calculus I/AP Calculus A/B  
College Calculus II/AP Calculus B/C  
Calculus I  
Calculus II  
Geometry   
Honors Algebra II  
Honors Geometry  
Honors PreCalculus  
IB Math Analysis & Approaches SL-2  
IB Math Analysis & Approaches HL2  
Statistics  
Transition to College Algebra

## Social Studies

AP Comparative Gov't & Politics  
AP Government Politics US   
AP Human Geography  
AP Psychology   
AP US History   
IB History SL  
IB History HL  
IB Social & Cultural Anthropology SL  
IB Social & Cultural Anthropology HL  
College US History  
College World History  
AP World History: Modern

## Social Studies (con't)

College US Government  
Military History  
Psychology  
IB Psychology SL  
IB Psychology HL  
Sociology 

## Science

IP Biology SL  
IP Biology HL-2  
AP Biology  
AP Chemistry  
AP Physics 1   
AP Physics 2  
Chemistry   
Pre-IB/Honors Chemistry  
IB Chemistry HL-2  
College Biology  
College Biomedical Innovations-PLTW  
College Chemistry/Honors Chem II  
College Human Body Systems-PLTW  
College Medical Interventions-PLTW  
College Physics  
College Principles of Biomedical Science-PLTW  
Environmental Science  
IB Env. Systems & Societies  
Exercise Science  
IB Sports Exercise & Health Science SL  
Honors Chemistry  
Human Anatomy & Physiology  
Physics

## Global Language

French I   
French II   
College French III  
College French IV  
College French V  
IB French SL  
IB French HL  
Spanish I  
Spanish II   
College Spanish III  
College Spanish IV  
College Spanish V  
Spanish for Heritage Speakers I  
Spanish for Heritage Speakers II  
IB Spanish SL  
IB Spanish HL

## Technical Core

### School of Human Services

AP Psychology  
Psychology  
IB Psychology  
**School of BLE**

### School of DIT

College Advanced Marketing  
College Sports Marketing  
Business Management  
**School of Health & Wellness**  
College Biomedical Innovations-PLTW

## Physical Education

Adaptive Physical Education  
Aerobics  
Health and Family Education  
**(MO Grad Req)**   
Lifetime Activities  
Strength & Conditioning I  
Strength & Conditioning II  
Team Sports

## Fine Arts

Advanced Visual Art Photography  
AP Art and Design  
AP Art History  
Art I  
Clay & Sculpture:3D Media  
Drawing, Painting, & Printmaking: 2D Media  
Graphic Design  
Visual Art Photography  
AP Music Theory  
Chamber Orchestra  
Concert Band  
Jazz Band  
Music Appreciation  
Music Theory   
Symphonic Band  
Symphonic Orchestra  
A Cappella Choir  
Bass Choir  
Chamber/Show/Jazz Choir  
Mixed Choir  
Treble Choir  
Varsity Treble Choir  
Advanced Competitive Drama

Students must pass the MCEI (Missouri Civics Education Initiative) Exam as a requirement for graduation. This test is given through the Social Studies Department.

## 12<sup>th</sup> Grade Courses – (continued)

### Fine Arts (con't)

Competitive Drama  
Theater I  
Theater II  
Theater III  
Theater IV  
Theater III  
College Theater: Foundations of Fine Arts  
Theater Special Projects

### General Electives

ACT Prep & College Transitions   
AVID 12  
Adaptive PE Assistant  
AP Research  
AP Seminar  
College Intro to Teaching  
Leadership  
Marching Auxiliary  
Leadership for School Climate  
Stagecraft  
Peer Mentor  
Personal Finance (MO Grad Req)

### Practical Arts

Accounting I   
Accounting II  
Business Law  
College Business Management  
IB Business Management SL  
AP College Computer Science A - PLTW   
AP College Computer Science Principles-PLTW   
College Computer Science Essentials-PLTW  
College Cyber Security-PLTW  
Computer Applications   
Computer Programming Capstone  
College Marketing  
College Entrepreneurship  
College Marketing Advanced  
Marketing Internship (off campus)  
Marketing Principles  
College Sports Marketing I  
College Sports Marketing II  
Foods for Life  
ProStart Foods Level I  
ProStart Foods Level II  
Interior Decorating and Design  
Advanced Fashion Product Dev.  
Apparel Construction  
Fashion Product Development  
Fashion/Interior Design & Merch.

### Practical Arts (con't)

Child Development I  
Child Development II  
Child Development Learning Center II  
College Intro to Teaching  
FACS Internship (off campus)   
Interpersonal Relationships  
Self-Development I  
Self-Development II  
Journalism 1  
Journalism 1 Broadcast  
Journalism 1 Photography  
College Journalism 2 Broadcast  
College Journalism 2 Magazine Across Platforms  
College Journalism 2 Yearbook  
College Journalism 2 Sports Broadcasting  
College Journalism 3 Digital Laboratory  
Communication Capstone (off campus)  
Home Maintenance & Repair  
Woodworking I  
Woodworking II  
Woodworking III  
Woodworking IV  
College Civil Eng. & Architecture - PLTW  
College Digital Electronics-PLTW  
College Intro to Engineering Design-PLTW  
College Principles of Engineering - PLTW  
College Engineering Design & Development-PLTW  
IB Design Technology SL  
Employment Experience (off campus)  
College NKC Professional Internship Program (off campus)  
**CTEC (off campus)**  
Automotive Technology I & II  
Technical English Language  
Technical Mathematics

### Northland CAPS (off campus)

Digital Media & Design  
Engineering and Advanced Manufacturing  
Medicine and Healthcare  
Technology Solutions

### Northland Career Center (Off campus)

Agriculture, Food, and Natural Resources

### Northland Career Center

#### (Off campus, con't)

Aviation Technology I  
Aviation Technology II  
Construction Technology I  
Construction Technology II  
Culinary Arts I  
Culinary Arts II  
Diesel Technology – Med/Heavy Duty Truck Systems  
Culinary Arts I  
Culinary Arts II  
Diesel Technology – Med/Heavy Duty Truck Systems  
Health Sciences I  
Health Sciences II  
Heating, Cooling & Climate Control I  
Heating, Cooling & Climate Control II  
Industrial Welding I  
Industrial Welding, one-year-cert.  
IT Professionals I  
IT Professionals II  
Law Enforcement/CSI I  
Law Enforcement/CSI II  
Production Technologies I  
Productions Technologies II  
Teaching Professions I  
Teaching Professions II  
Teaching Professions, one-year-cert.

### Class Act Coffee (off campus)

Entrepreneurial Studies I  
Entrepreneurial Studies II

### MCC-Advanced Technical Skills Institute (off campus)

College Engineering Technology I  
College Engineering Technology II  
College Automation of Industrial Machines I  
College Automation of Industrial Machines II  
College Heating, Ventilation & Air-Conditioning I  
College Heating, Ventilation & Air-Conditioning II  
College Welding  
College Building Maintenance and Construction (KCCCA)

### MCC-Maple Woods (off campus)

Open Catalog of Courses through Early College Academy

### UMKC (off campus)

Open Catalog-Early College Academy

### William Jewell College-nursing

# English Language Arts

## **Career/College Readiness Diploma** (4 units required)

<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
ELA I Honors ELA I	ELA II Pre-IB/Honors ELA II	Composition & Literature AP Language & Composition AP Literature & Composition College English	Composition & Reading AP Language & Composition AP Literature & Composition AP Research College English

## **Gold Medallion Diploma** (4 units required)

<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
ELA I Honors ELA I	ELA II Pre-IB/Honors ELA II	AP Language & Composition AP Literature & Composition College English	AP Language & Composition AP Literature & Composition AP Research College English

## **International Baccalaureate Diploma** (4 units required)

<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
Pre-IB/Honors ELA I	Pre-IB/Honors ELA II	IB Literature HL 1 IB Language & Literature HL 1 IB Language & Literature SL 1	IB Literature HL 2 IB Language & Literature HL 2 IB Language & Literature SL 2



Available in Launch  
(Online learning)



Weighted



Gold Medallion course



Potential to earn  
college credit



Off Campus

## **English Language Arts I**



Course ID: ELA100

Credit: 1

Grade Level: 9

Prerequisite: None

**Course Description:** This course emphasizes reading, writing, speaking, listening, technology, and research skills. Reading informational text/nonfiction includes multicultural literature selections including short stories, plays, novels, poetry, and biographies. Course content would include literary analysis, writing compositions (argumentative, expository/informative, and narrative) and research. ***This course will have an industry emphasis dependent upon the student's pathway selection.***





## Debate I

Course ID: SPT100 Credit: 1 Grade Level: 9, 10, 11, 12  
Prerequisite: None

**Course Description:** Competitive Debate I is an introductory course to develop critical thinking, teach structured argumentation, and introduce basic library research skills. Students practice written communication and perform oral communication of the events introduced. Debate topics are decided by the National Speech and Debate Association. **Participation in interscholastic competition in Friday and Saturday tournaments is required. Students must remain eligible as defined by MSHSAA.**

## Advanced Debate

Course ID SPT204 Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: Debate I

**Course Description:** Advanced Debate is designed as a complete study of the national debate topics. Higher-level reasoning skills, critical thinking, basic theories of argumentation and library research are required. Emphasis will be on oral presentational skills in a minimum of two events. **Participation in interscholastic debate competitions in Friday and Saturday tournaments is required on a regular basis. Students must remain eligible as defined by MSHSAA.**

## IB English A: Language and Literature HL



Course ID: ELA313Y Credit: 1 Grade Level: 11, 12  
Prerequisite: NKCHS Pre-IB/Honors English Language Arts I & II

**Course Description:** IB English A: Language and Literature-HL is a two-year junior/senior course emphasizing the analysis of language and analysis of literature. The course aims to develop skills of textual analysis and the understanding that texts, both literary and non-literary, can relate to culturally determined reading practices. The course also encourages students to question the meaning generated by language and texts. An understanding of the ways in which formal elements are used to create meaning in a text is combined with an exploration of how that meaning is affected by reading practices that are culturally defined and by the circumstances of production and reception. The study of literature in translation from other cultures is especially important to IB students because it contributes to a global perspective. Texts are chosen from a variety of sources, genres and media. IB Career-related Programme students must take this course or English A: Literature

## IB English A: Literature HL



Course ID: ELA315Y Credit: 1 Grade Level: 11, 12  
Prerequisite: NKCHS Pre-IB/Honors English Language Arts I & II

**Course Description:** English A: Literature-HL is a two-year junior/senior course emphasizing the study of written language and literary analysis. Students will perform both written and oral assessments (internally graded by the teacher and externally graded by an IB examiner). Students will analyze, synthesize, and evaluate drama, poetry, novels, and other prose in British, American, and World literature. The course will also emphasize thematic and philosophical connections as well as differences in literary periods, styles, and contexts. IB Career-related Programme students must take this course or English A: Language and Literature SL or HL.

## IB English A: Language and Literature SL



Course ID: ELA316Y Credit: 1 Grade Level: 11, 12

Prerequisite: NKCHS Pre-IB/Honors English Language Arts I & II

**Course Description:** IB English A: Language and Literature-SL is a two-year junior/senior course emphasizing the analysis of language and analysis of literature. The course aims to develop skills of textual analysis and the understanding that texts, both literary and non-literary, can relate to culturally determined reading practices. The course also encourages students to question the meaning generated by language and texts. An understanding of the ways in which formal elements are used to create meaning in a text is combined with an exploration of how that meaning is affected by reading practices that are culturally defined and by the circumstances of production and reception. The study of literature in translation from other cultures is especially important to IB students because it contributes to a global perspective. Texts are chosen from a variety of sources, genres and media. IB Career-related Programme students must take this course at the SL or HL level or English A: Literature



## AP English Language & Composition

Course ID: ELA302 Credit: 1 Grade Level: 11, 12  
Prerequisite: English Language Arts II

*11<sup>th</sup> Grade: Must have completed Honors ELA - 12<sup>th</sup> Grade: Must have completed 3 years of ELA*

**Expectation:** Students taking an AP course are expected to take the Advanced Placement Exam during the spring semester.

**Course Description:** This course offers students the opportunity to study the English language at the college level through reading and composition and to earn college credit through satisfactory performance on the Advanced Placement Exam. Students will analyze and interpret samples of good writing, apply effective strategies in their own writing, produce expository, analytical, and argumentative compositions, and demonstrate mastery of standard written English. This is a rigorous literary/writing course and requires independent work that will be completed outside of class.

## AP English Literature & Composition



Course ID: ELA303 Credit: 1 Grade Level: 11, 12  
Prerequisite: English Language Arts II

*11<sup>th</sup> Grade: Must have completed Honors ELA*

*12<sup>th</sup> Grade: Must have completed 3 years of ELA*

**Expectation:** Students taking an AP course are expected to take the Advanced Placement Exam during the spring semester.

**Course Description:** This intensely paced college level course examines the literary traditions, ideals, and cultures from the 6th to the 20th Century; college credit may be earned through satisfactory performance on the Advanced Placement exam. It is designed for students who have mastered the basics of the English curriculum and wish to be challenged by higher-level reading and analysis. The skills emphasized include reading, literary analysis, writing, research, technology, and vocabulary development. This is a rigorous literary/writing course and requires independent work that will be completed outside of class.

## Fundamentals of Effective Speaking

Course ID: SPT306 Credit: .5 Grade Level: 11, 12  
Prerequisite: None

**Course Description:** This course will primarily cover the study and practice of public speaking. Lectures and assignments are designed to provide a theoretical grounding and an opportunity to apply that theory through the presentation and analysis of public speeches. This course is concerned with assisting you become a better public speaker as well as a better consumer of public communication.

## College Fundamentals of Effective Speaking



Course ID           SPT304  
Prerequisite:       None

Credit: .5

Grade Level: 11, 12

**Course Description:** This course will primarily cover the study and practice of public speaking. Lectures and assignments are designed to provide a theoretical grounding and an opportunity to apply that theory through the presentation and analysis of public speeches. This course is concerned with assisting you become a better public speaker as well as a better consumer of public communication.

## Argumentation and Debate III/IV

Course ID           SPT305  
Prerequisite:       Debate I

Credit: 1

Grade Level: 12

**Course Description:** This course is designed as a complete study of the national debate topics. Higher-level reasoning skills, critical thinking, basic theories of argumentation and library research are required. Emphasis will be on oral presentational skills in a minimum of two events. Participation in interscholastic debate competitions is required on a regular basis.

## College Argumentation and Debate III/IV



Course ID           SPT305  
Prerequisite:       Debate I

Credit: 1

Grade Level: 12

**Course Description:** This course is designed as a complete study of the national debate topics. Higher-level reasoning skills, critical thinking, basic theories of argumentation and library research are required. Emphasis will be on oral presentational skills in a minimum of two events. Participation in interscholastic debate competitions is required on a regular basis.



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# Mathematics

**Career/College Readiness Diploma** (4 units required)

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Algebra I	Geometry	Algebra II	Transition to College Algebra/ Statistics (consecutive) Honors/College PreCalculus College Algebra
Algebra I	Honors Geometry	Honors Algebra II	Honors/College PreCalculus College Algebra AP Statistics
Geometry *	<b>Algebra II</b>	Transition to College Algebra/Statistics (consecutive) Honors/College PreCalculus College Algebra	College Algebra College Calculus I (AP Calculus A/B) Honors/College PreCalculus AP Statistics
Honors Geometry *	<b>Honors Algebra II</b>	Transition to College Algebra/ Statistics (consecutive) Honors/College PreCalculus College Algebra	College Calculus I (AP Calculus A/B) Honors/College PreCalculus AP Statistics
<b>Honors Algebra II **</b>	Honors/College PreCalculus College Algebra AP Statistics	College Calculus I (AP Calculus A/B)	College Calculus II (AP Calculus B/C)

**Gold Medallion Diploma** (4 units required including upper-level classes)

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Algebra I	Geometry	Algebra II	Honors/College PreCalculus College Algebra AP Statistics
Algebra I	Honors Geometry	Honors Algebra II	Honors/College PreCalculus College Algebra AP Statistics
Geometry *	<b>Algebra II</b>	Honors/College PreCalculus College Algebra AP Statistics	College Calculus I (AP Calculus A/B) AP Statistics
Honors Geometry *	<b>Honors Algebra II</b>	Honors/College PreCalculus College Algebra AP Statistics	College Calculus I (AP Calculus A/B) AP Statistics
<b>Honors Algebra II **</b>	Honors/College PreCalculus	College Calculus I (AP Calculus A/B) College Algebra AP Statistics	College Calculus II (AP Calculus B/C) College Calculus I (AP Calculus A/B)

\* Must have had Algebra in 8<sup>th</sup> grade

\*\* Must have had Geometry in 8<sup>th</sup> grade

**Bolded** courses are part of the required state assessments

**International Baccalaureate Diploma** (4 units required)

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Algebra I*	Pre-IB/Honors Algebra II	IB Math App/Interp SL 1	IB Math App/Interp SL 2
Pre-IB/Honors Geometry	Pre-IB/Honors Algebra II Honors Pre-Calculus	IB Math App/Interp SL 1	IB Math App/Interp SL 2
Pre-IB/Honors Algebra II	Honors Pre-Calculus	IB Math App/Interp SL 2	
Pre-IB/Honors Algebra II	Honors Pre-Calculus	College Calculus I/II	Math Analysis/Approaches HL 2 Math Analysis/Approaches SL 2



available in Launch  
(Online learning)



Weighted



Gold Medallion course



Potential to earn  
college credit



Off Campus



## NKCHS Pre-IB/Honors Algebra II



Course ID: MTH308Y Credit: 1 Grade Level: 9, 10  
Prerequisite: Algebra I, Middle School or NKCHS Pre-IB/Honors Geometry (previously or concurrently)

**Course Description:** NKCHS Pre-IB/Honors Algebra II is an accelerated study that extends beginning algebraic concepts. Properties of second-degree (quadratic polynomials) functions are developed. Sample topics studied include sets, sequences, linear equations, polynomials, factoring, rational numbers, relations, and functions, irrational numbers, and quadratics. This course is designed for highly motivated students interested in further study in mathematics, engineering, physical science, and other technical fields. A scientific calculator is recommended. Students enrolling in this course should be pursuing the International Baccalaureate Diploma or the Gold Medallion Honors Diploma. For any student pursuing the International Baccalaureate Diploma, this course should be completed before the 11th grade year.

## Transition to College Algebra

Course ID MTH512 Credit: .5 Grade Level: 10, 11, 12  
Prerequisite: Algebra II

**Course Description:** Refinement of skills and concepts for college mathematics. Topics will include interpreting displays and graphs, working with functions (including linear, quadratic, and higher order), number systems, conics, elementary trigonometry, and discrete mathematical concepts. A scientific calculator is recommended.

## College Algebra



Course ID MTH502 Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: Algebra II or Transition to College Algebra and National Average on MATH ACT (20 or 21)

*Note: 10<sup>th</sup> grade eligible for college credit depending on school/institution.*

**Course Description:** Topics include relations and their graphs, ratios, proportion, variation, quadric and quadratic form equations, theory of higher degree equations, systems of equations, inequalities, conic, determinants, progression, and binomial theorem. A scientific calculator is recommended.

## Honors Pre-Calculus



Course ID MTH511Y Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: NKCHS Pre-IB/Honors Algebra II

**Please Note:** Students who have completed both Algebra and Geometry in Middle School and who have taken NKCHS Pre-IB/Honors Algebra II as a freshman and who have the consent of the teacher may enroll in Honors Pre-Calculus as a sophomore

**Course Description:** Honors Pre-Calculus prepares students for International Baccalaureate exams as well as college-level courses in calculus, linear algebra, finite mathematical structures, and probability and statistics. The course is geared to students interested in mathematics, physics, chemistry, engineering, and other related technical fields. The design of the course provides students with a study of the theory and application of trigonometry, analytic geometry, exponential and logarithmic functions, sequences and series, and some concepts from calculus. Students enrolling in this course should be pursuing the International Baccalaureate Diploma or the Gold Medallion Honors Diploma.

## **IB Math: Applications and Interpretation SL-1**



Course ID MTH315Y Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: NKCHS Pre-IB/Honors Algebra II

**Course Description:** IB Math: Applications and Interpretation 1 (or Honors Pre-Calculus) is the first year of preparation for the International Baccalaureate Math: Applications and Interpretation exam as well as college-level courses in college algebra and statistics. The course is geared to students interested in non-mathematics-based college degree programs that do not require Calculus. The design of the course provides students with a study of fundamental algebra, basic trigonometry, statistics & probability, and functions.

## **IB Math: Applications and Interpretation SL-2**



Course ID MTH316Y Credit: 1 Grade Level: 11, 12  
Prerequisite: IB Pre-Calculus or IB Math: Applications and Interpretation 1

**Course Description:** IB Math: Applications and Interpretation 2 is designed to prepare students for the International Baccalaureate Math: Applications and Interpretation Standard Level exam and to complete the mathematics portfolio requirements for IB. Topics of study include number and algebra, functions, geometry and trigonometry, statistics and probability, and calculus.

## **College Calculus I or AP Calculus A/B \***



Course ID MTH503Y or MTH505Y Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: College PreCalculus

*Note: 10<sup>th</sup> grade eligible for college credit depending on school/institution.*

*\*This course may be taught as dual credit or AP.*

**Course Description:** Introduction to single variable calculus. Topics include: intuitive treatment of limits and continuity, differentiation of elementary functions, curve sketching, extreme values, rates of change, areas, definite integral, and fundamental theorem of calculus. A TI84+ graphing calculator is strongly recommended.

## **College Calculus II or AP Calculus B/C \***



Course ID MTH504Y or MTH510Y Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: College Calculus I/AP Calculus A/B

*Note: 10<sup>th</sup> grade eligible for college credit depending on school/institution.*

*\*This course may be taught as dual credit or AP.*

**Course Description:** This course will cover the integral, applications of integral (including area, volume, center of mass, continuous probability), techniques of integration, first-order differential equations, sequences and series, conic sections, parametric equations, and polar equations.

## **Calculus I**



Course ID MTH503A Credit: 1 Grade Level: 11, 12  
Prerequisite: IB Pre-Calculus

**Course Description:** Calculus I is a semester course that is an introduction to single variable calculus. Topics include limits and continuity, differentiation of elementary functions, curve sketching, extreme values, rates of change, areas, definite integrals, sequence and series, approximations, techniques of integration, numerical methods, plane curves, introduction to differential equations, and fundamental theorem of calculus. A graphing calculator (TIN spire) with calculus functions including differentiation and integration is recommended. This course is required for students who will take the IB Math SL or HL Analysis and Approaches exam. This course may also be taken for dual credit through Rockhurst University

## Calculus II



Course ID MTH504B Credit: 1 Grade Level: 11, 12  
Prerequisite: IB Pre-Calculus

**Course Description:** Calculus II is a semester course that is a continuation of the study of Calculus. Topics in this course include integration techniques and applications to area and volume, solving differential equations, and evaluating infinite series. A graphing calculator (TINspire) with calculus functions including differentiation and integration is recommended. This course is required for students who will take the IB Math SL or HL Analysis and Approaches exam.

## IB Math Analysis and Approaches SL/HL



Course ID MTH317Y Credit: 1 Grade Level: 11, 12  
MTH319Y  
Prerequisite: IB Calculus I, IB Calculus II

**Course Description:** IB Math Analysis SL/HL is a final-year course designed to prepare students for the International Baccalaureate Mathematics: Analysis and Approaches exams (both SL and HL) and to complete the mathematics portfolio requirements for IB. Higher Level requires a two- year study, with IB Calculus I & II, being the first year. Topics of study include fundamental algebra, functions, trigonometry, vector geometry, matrices & transformations, statistics & probability, and calculus.

## Statistics

Course ID MTH204 Credit: .5 Grade Level: 10, 11, 12  
Prerequisite: Algebra I

**Course Description:** This course instructs students in data gathering techniques, graphical display of data, and in making decisions based on data. It is especially helpful for those students' planning careers in marketing, management, medicine, psychology, sociology, government, and education. A scientific calculator is recommended.

## AP Statistics



Course ID MTH203 Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: Algebra II

**Expectation:** Students taking an AP course are expected to take the Advanced Placement Exam during the spring semester.

**Course Description:** This is a rigorous course that will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference.

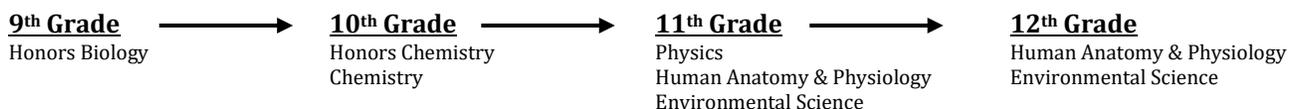


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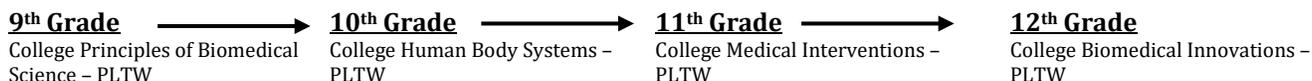
# Science

**Career/College Readiness Diploma** (3 units required, 4<sup>th</sup> unit recommended)

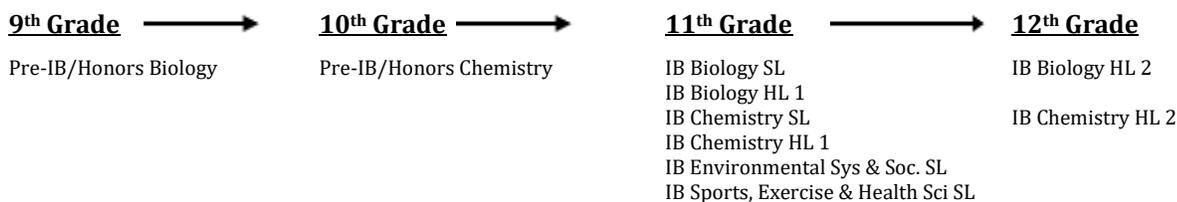
**Gold Medallion Diploma** (3 units required, 4<sup>th</sup> unit recommended)



**Biomedical Pathway-Project Lead the Way**



**International Baccalaureate Diploma** (4 units required)



Available in Launch  
(Online learning)



Weighted



Gold Medallion course



Potential to earn  
college credit



Off Campus

## **NKCHS Pre-IB/Honors Biology**



Course ID:

SCI316

Credit: 1

Grade Level: 9

Prerequisite:

None

**Course Description:** NKCHS Pre-IB/Honors Biology is a one-year course designed to prepare students for the IB/AP curriculum. Focus will be on learning to use the scientific method, write lab reports, develop study skills, organize information, analyze and answer data-based questions, higher-level thinking multiple choice questions, and well-developed essays. Core topics include biochemistry, cell biology and microscopy, cell energetics, mitosis, meiosis, genetics, ecology, evolution, microbiology, photosynthesis and cellular respiration. The course is hands-on lab intensive in both experimental design and prescribed labs. Students will be immersed in the research of science and application.







## College Principles of Biomedical Science – PLTW



Course ID: SCI103  
Prerequisite: None

Credit: 1

Grade Level: 9, 10, 11, 12

*Note: This course is offered as a part of the Biomedical pathway in the IB Career-related Program (IBCP).*

**Course Description:** In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing, and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems.

## College Medical Interventions – PLTW



Course ID: SCI314  
Prerequisite: College Human Body Systems – PLTW

Credit: 1

Grade Level: 11, 12

*Note: This course is offered as a part of the Biomedical pathway in the IB Career-related Program (IBCP).*

**Course Description:** Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection, screen and evaluate the code in human DNA, evaluate cancer treatment options, and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

## College Biomedical Innovation – PLTW



Course ID                    SCI317                                    Credit: 1                                    Grade Level: 12  
Prerequisite:                College Medical Interventions – PLTW

*Note: This course is offered as a part of the Biomedical pathway in the IB Career-related Program (IBCP).*

**Course Description:** In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21<sup>st</sup> century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They can work on an independent project with a mentor or advisor from a university, medical facility, or research institution.

## IB Environmental Systems and Societies SL



Course ID                    SCI505Y                                    Credit: 1                                    Grade Level: 11, 12  
Prerequisite:                NKCHS Pre-IB/Honors Biology, NKCHS Pre-IB/Honors Chemistry

**Course Description:** Environmental Systems and Societies uses a holistic approach to investigate the how the world works. The approach to the course examines commonalities to many disciplines (ecology, economics, geography, and politics) in areas such as matter, energy, and information flow. This integrated approach allows for the examination of how the interactions between environmental systems and societies provide for sustainability. Topics such as the ecosystem, human populations, conservation, pollution management, and global warming are discussed with both local and global foci.

## Environmental Science

Course ID                    SCI311Y                                    Credit: 1                                    Grade Level: 11, 12  
Prerequisite:                Biology and Chemistry

**Course Description:** Environmental Science is a course for students who are interested and concerned about the environment, conservation of the natural world, and the effect of the human population on the planet. Major units of study will include Biodiversity, Water Quality, Pollution and Wastes, Population, Extinction, Community Ecology, Climate, Resources, and Energy. Frequent labs, activities and computer applications are integral to the course. Students are expected to participate in fieldwork projects in KCMO, Jackson, Co., or Clay County to support classroom learning.

## IB Sports, Exercise and Health Science SL



Course ID                    SCI430Y                                    Credit: 1                                    Grade Level: 11, 12  
Prerequisite:                NKCHS Pre-IB/Honors Biology, NKCHS Pre-IB/Honors Chemistry

**Course Description:** IB Sports, Exercise, and Health Science SL is a one-year experimental science that combines aspects of biology and physics in the context of sport, exercise and health. With a focus on anatomy and physiology, energy and movement, as well as sports skill and performance, psychology and/or nutrition, this course prepares students for further study in sports fitness and health. Laboratory experimentation is extensive and requires a significant time commitment by the student. The student must be highly self-motivated and possess higher-order thinking skills. This course prepares students to take the International Baccalaureate Standard Level exam.



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## NKCHS Pre-IB/Honors U.S. History II Government



Course ID SST106Y Credit: 1 Grade Level: 10  
Prerequisite: NKCHS Pre-IB/Honors World History

**Course Description:** NKCHS Pre-IB/Honors U.S. History II/Government is designed for students seeking the International Baccalaureate Diploma. The first semester begins with a unit on American Government, including the development of the U.S. Constitution. The remainder of the year addresses United States history from the Reconstruction Era to the Civil Rights Movement with a reinforcement of the principles of government. This course is especially reading and writing intensive.

## College US Government



Course ID SST317 Credit: 1 Grade Level: 11, 12  
Prerequisite: World History, US History

**Course Description:** This course offers students the opportunity to study American Government and Politics with specific reference to the US Constitution at the college level and earn college credit. This course examines the development, organization, and function of the National Government. This course meets the state requirement for study of the US and Missouri Constitutions.

## AP Government Politics US



Course ID SST301 Credit: 1 Grade Level: 11, 12  
Prerequisite: None

**Expectation:** Students taking an Advanced Placement course are expected to take the AP Exam during the spring semester.

**Recommendations:** Students taking this course should have a strong background in reading and writing skills; they should have developed skills in the areas of self-motivation, time management, research, and analytical abilities.

**Course Description:** Students will develop an analytical perspective on government and politics in the United States. It requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics.

## AP Comparative Government & Politics



Course ID SST319 Credit: 1 Grade Level: 11, 12  
Prerequisite: None

**Expectation:** Students taking an Advanced Placement course are expected to take the AP Exam during the spring semester.

**Course Description:** Today's world requires that all citizens be fluent in foreign policy, international diplomacy, and complex global issues. AP Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in six core countries: China, Great Britain, Iran, Mexico, Nigeria, and Russia. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Careful comparison of political systems produces useful knowledge about the institutions and policies countries have employed to address problems or what they have done to make things worse. The course incorporates current events and news stories that make the curriculum engaging and relevant. Students interested in foreign policy, diplomacy, international law, and international business will find the course invaluable.

## IB History SL



Course ID SST309Y Credit: 1 Grade Level: 11, 12  
Prerequisite: NKCHS Pre-IB/Honors World History, NKCHS Pre-IB/Honors U.S. History II/Government

**Course Description:** This is a one-year course to prepare students to test at the standard level in IB History at the end of the year. The course will study authoritarian states (such as the Stalin's Soviet Union, Hitler's Germany, Mussolini's Italy, Mao's China, and Hirohito's Japan) along with the twentieth century wars within their rules. Students will also complete an internal assessment for the IB during this class

## IB History HL



Course ID SST307Y Credit: 1 Grade Level: 11, 12  
Prerequisite: NKCHS Pre-IB/Honors World History, NKCHS Pre-IB/Honors U.S. History II/Government

**Course Description:** IB History HL is a two-year, junior/senior course designed to prepare students for the Higher Level (HL) International Baccalaureate exam by further developing their source evaluation and historical essay writing skills. During the junior year, the course will study authoritarian states (such as the Stalin's Soviet Union, Hitler's Germany, Mussolini's Italy, Mao's China, and Hirohito's Japan) along with the twentieth century wars within their rules. The senior year will focus on the history of the Middle East, analyzing the Ottoman Empire's fall and the causes and effects of the Arab-Israeli Conflict. Students will also complete an internal assessment research paper over an historical topic of their choice.

## AP United States History



Course ID SST312 Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: 10<sup>TH</sup> graders may appeal to be enrolled

**Expectation:** Students taking an Advanced Placement course are expected to take the AP Exam during the spring semester.

**Recommendations:** Students taking this course should have a strong background in reading and writing skills; they should have developed skills in the areas of self-motivation, time management, research, and analytical abilities.

**Course Description:** Students will address political and social development of American Civilization from the beginning to the present day.

## College United States History



Course ID SST304 Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: 10<sup>TH</sup> graders may appeal to be enrolled

**Recommendations:** Students taking this course should have a strong background in reading and writing skills; they should have developed skills in the areas of self-motivation, time management, research, and analytical abilities.

**Course Description:** Students will address political and social development of American Civilization from the beginning to the present day.

## AP World History: Modern



Course ID SST108  
Prerequisite: None

Credit: 1

Grade Level: 10, 11, 12

**Expectation:** Students taking an Advanced Placement course are expected to take the AP Exam during the spring semester.

**Recommendations:** Students taking this course should have a strong background in reading and writing skills; they should have developed skills in the areas of self-motivation, time management, research, and analytical abilities.

**Course Description:** Students will develop a greater understanding of the evolution of global processes that affect the interaction human societies have with one another. The course highlights the nature of changes in such things as international trade, politics, conflict, as well as the cultural expectations that lay the foundations for development within the human race.

## College World History



Course ID SST107  
Prerequisite: None

Credit: 1

Grade Level: 10, 11, 12

**Recommendations:** Students taking this course should have a strong background in reading and writing skills; they should have developed skills in the areas of self-motivation, time management, research, and analytical abilities.

**Course Description:** Students will develop a greater understanding of the evolution of global processes that affect the interaction human societies have with one another. The course highlights the nature of changes in such things as international trade, politics, conflict, as well as the cultural expectations that lay the foundations for development within the human race.

## IB Psychology SL



Course ID SST310Y  
Prerequisite: None

Credit: 1

Grade Level: 11, 12

**Course Description:** IB Psychology SL is a one-year course that prepares students for the Standard Level International Baccalaureate exam or to continue to IB Psychology HL in their senior year. Focus will be on three traditional psychological perspectives, the biological, the cognitive, and the sociocultural perspectives. In addition, students will study one optional area of psychology chosen by the teacher. All students will complete and report on a partial replication of an experiment of their choice. Throughout the course students will focus on the development and cultural contexts, the framework, the methodologies, and the application of psychology.

## Psychology

Course ID SST311  
Prerequisite: None

Credit: 1

Grade Level: 10, 11, 12

**Course Description:** Psychology is the study of our mental processes (how we think and why) and our behaviors (how we act and why). Topics will include but are not limited to: theories about how we learn, how our personality forms and why, what mental illness is and how it is treated, as well as how we develop mentally throughout our lives.







## AP Psychology



Course ID SST302  
Prerequisite: None

Credit: 1

Grade Level: 10, 11, 12

**Expectation:** Students taking an Advanced Placement course are expected to take the AP Exam during the spring semester.

**Recommendations:** Students taking this course should have a strong background in reading and writing skills; they should have developed skills in the areas of self-motivation, time management, research, and analytical abilities.

**Course Description:** Students will be performing an in-depth study of psychology. This will enable students to discuss the various biological, psychological, and social aspects why humans think and act the way they do. This course will also emphasize development of analytical skills necessary to perform well on the AP Exam.

## IB Social and Cultural Anthropology SL



Course ID SST315Y  
Prerequisite: None

Credit: 1

Grade Level: 11, 12

**Course Description:** IB Social and Cultural Anthropology SL, the comparative study of culture and human societies, is a one-year course that prepares students for the Standard Level International Baccalaureate exam. Utilizing local and global perspectives, the course is concerned with urban as well as rural society, regional inequalities and all aspects of modern nation states. Anthropology contributes to an understanding of such contemporary issues as war and conflict, the environment, poverty, problems of injustice, inequality and human rights. Students are expected to read and think critically to be able to analyze specific anthropological themes. Class discussions are an integral part of the course, encouraging differing viewpoints. Students will also complete an internal assessment

## IB Social and Cultural Anthropology HL



Course ID SST320Y  
Prerequisite: None

Credit: 1

Grade Level: 11, 12

**Course Description:** IB Social and Cultural Anthropology HL, the comparative study of culture and human societies, is a two-year course that prepares students for the Higher Level (HL) International Baccalaureate exam. HL-SCA focuses on theoretical perspectives of anthropology and the application of those theories. Utilizing local and global perspectives, the course is concerned with urban as well as rural society, regional inequalities and all aspects of modern nation states. Anthropology contributes to an understanding of such contemporary issues as war and conflict, the environment, poverty, problems of injustice, inequality and human rights. As a higher level course, students will build on their critical thinking and analytical skills through field study. Class discussions are an essential part of the course, encouraging differing viewpoints. Students will also complete an internal assessment.

## IB Environmental Systems and Societies SL



Course ID SCI505Y  
Prerequisite: NKCHS Pre-IB/Honors Biology, NKCHS Pre-IB/Honors Chemistry

Credit: 1

Grade Level: 11, 12

**Course Description:** Environmental Systems and Societies uses a holistic approach to investigate the how the world works. The approach to the course examines commonalities to many disciplines (ecology, economics, geography, and politics) in areas such as matter, energy, and information flow. This integrated approach allows for the examination of how the interactions between environmental systems and societies provide for sustainability. Topics such as the ecosystem, human populations, conservation, pollution management, and global warming are discussed with both local and global foci.















### College French III



Course ID MDL300 Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: French II

**Course Description:** The goal of this course is to develop the students' ability to speak and to understand spoken French, as well as to read and write prose. The course is designed so that students may initiate structured communication by paraphrasing, summarizing, and analyzing given cultural topics.

### NKCHS Pre-IB/Honors French III



Course ID MDL309Y Credit: 1 Grade Level: 10, 11  
Prerequisite: NKCHS Pre-IB/Honors French II

**Course Description:** NKCHS Pre-IB/Honors French III is designed with more intensive coverage of the level III curriculum. The pace of this course is accelerated and is intended for students pursuing either the International Baccalaureate Diploma or the Gold Medallion Honors Diploma. Five years of the language is strongly recommended for those pursuing the IB Diploma Program

### College French IV



Course ID MDL503 Credit: 1 Grade Level: 11, 12  
Prerequisite: College French III

**Course Description:** The goal of this course is to continue to develop students' proficiency in understanding, speaking, reading, and writing. The course is designed so that students may initiate spontaneous communication by interpreting, synthesizing, and evaluating literary and cultural topics. Oral and written proficiency is emphasized.

### IB French SL



Course ID MDL303Y Credit: 1 Grade Level: 10,11, 12  
Prerequisite: NKCHS Pre-IB/Honors French III

**Course Description:** IB French SL is a two-year course that prepares students for the Standard Level International Baccalaureate exam. The emphasis of this course is communication. Students will continue to use the grammatical structures from the previous levels of study and perfect written and oral communication skills. Students sitting for the SL exam must have studied the language for at least four years. Five years of the language is strongly recommended.

### IB French HL



MDL108Y MDL514Y Credit: 1 Grade Level: 11, 12  
Prerequisite: NKCHS Pre-IB/Honors French III, and MUST have teacher approval

**Course Description:** IB French HL is a two-year course that prepares students for the Higher Level (HL) International Baccalaureate exam. The emphasis of this course is communication. Students will continue to use the grammatical structures from the previous four levels of study and perfect written and oral communication skills. Students sitting for the HL exam must have studied the language for five years.













## Symphonic Orchestra

Course ID: MUS206  
Prerequisite: Audition

Credit: 1

Grade Level: 9, 10, 11, 12

**Course Description:** This orchestra performs challenging, mature music which demands technical facility and musicality needed for grade five literature. Concerts are required. Additional rehearsals will be needed outside the normal school day. Extracurricular experiences are available for this class. **May be repeated for credit.** (Participation in interscholastic competition is required. Students must remain eligible as defined by MSHSAA).

## IB Music SL



Course ID: MUS302Y  
Prerequisite: Enrollment in Band, Choir or Orchestra, or special permission from the instructor. HL MUST have teacher approval.

Credit: 1

Grade Level: 11, 12

**Course Description:** IB Music SL is a two-year course that includes components of music theory, music history, music performance and music composition and prepares students for the IB Music Standard Level exam. This course provides an appropriate foundation for further study in music at university level or in music career pathways. It also provides an enriching and valuable course of study for students who may pursue other careers. This course also provides all students with the opportunity to engage in the world of music as lifelong participants. SL students in music are required to study musical perception. All students therefore submit a musical links investigation and respond to a listening examination paper. SL students also choose one of three options: creating (SLC) solo performing (SLS) or group performing (SLG).

## Music Theory



Course ID: MUS205  
Prerequisite: Read music fluently

Credit: 1

Grade Level: 10, 11, 12

**Course Description:** This course is designed for the student preparing for college bound music study. Students learn basic principles of classical harmony, the technical side of music production, and compositional techniques. Topics include notation of rhythm and pitch, major, minor, and modal keys, interval quality and melodic organization, triadic harmony, modulation, four-part harmony, ear training with melodic and harmonic dictation, sight-singing, and basic music keyboard skills.

## AP Music Theory



Course ID: MUS301  
Prerequisite: Read music fluently

Credit: 1

Grade Level: 11, 12

**Expectation:** Students taking an Advanced Placement course are expected to take the AP Exam during the spring semester.

**Course Description:** This course is designed for the student preparing for college bound music study. Students learn basic principles of classical harmony, the technical side of music production, and compositional techniques. Topics include notation of rhythm and pitch, major, minor, and modal keys, interval quality and melodic organization, triadic harmony, modulation, four-part harmony, ear training with melodic and harmonic dictation, sight-singing, and basic music keyboard skills.



















## College Cyber Security – PLTW



Course ID           BMK117                                   Credit: 1  
Prerequisite:       AP College Computer Science Principles – PLTW

Grade Level: 11, 12

*Note: This course is offered as a part of the Computer Science pathway in the IB Career-related Program (IBCP).*

**Course Description:** Cyber Security introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cyber Security, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.



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## **College Journalism 2 Yearbook**

Course ID MED301 Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: Journalism 1 or Journalism 1

**Course Description:** This class produces the school yearbook, a history of one school year. Students apply principles of journalistic writing, ad design, layout, graphic arts, photography, staff management, publishing, and finding answers to the practical, legal, and ethical questions of producing student publications. The yearbook requires some work in the summertime as well. Students are not required to own a camera; the school may provide a camera. ***May be repeated for credit.***

## **College Journalism 2 Broadcast**

Course ID MED205 Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: Journalism 1 Broadcast,

**Course Description:** Students will produce a live and/or recorded television newscast. They will be involved in writing and editing news and editorial copy, scheduling interviews, reporting, anchoring and editing, and finding answers to the practical, legal, and ethical questions of producing student publications. Students will learn single camera video recording, video concepts and terms, audio, lighting, graphics, and set design. Students are not required to own a camera; the school may provide a camera. ***May be repeated for credit.***

## **College Journalism 2 Sports Broadcasting**

Course ID MED303 Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: Journalism 1 Broadcast, Journalism 2 Broadcast

*Note: There will be mandatory after-school, evening, and weekend assignments including live broadcasts and other events. Students may be required to provide transportation to evening sports and school events.*

**Course Description:** This course is designed to be practical and interactive, covering all aspects of 21st century sports and event broadcasting. Students will learn how to create live broadcasts, write cohesively and concisely, how to conduct, and edit interviews, how to deal with athletes and sports executives at all levels, and how to use technology to enhance production value. Students will be using professional broadcast equipment including cameras, replay, graphics, switchers, video boards, etc., plus work as announcers, producers, directors, tech crew and more. The primary goal is to create professional sports and event broadcasts to promote the high school programs. Students perform a public service to the district and its patrons. Students completing this class will have a working knowledge of the business and technological aspects of creating a sports or event broadcast. This knowledge will give students a head start for college and professional careers. In addition, this course will work closely with the Sports Marketing class, similar to how professional sports broadcasters work with their marketing teams. ***May be repeated for credit.***

## **College Journalism 3 Digital Laboratory**

Course ID MED302 Credit: 1 Grade Level: 10, 11, 12  
Prerequisite: Concurrent enrollment in Journalism 2 course (Multimedia, Yearbook, Broadcast, Sports Broadcast, or College Sports Marketing).

**Course Description:** This course is designed as a work time for publication production and individual work with the adviser in print, online, or broadcast skills. Students use the time to manage production of their publication(s), continue their own work and further their study of journalism and related career fields. The course is an excellent opportunity to further students' study of editorial leadership, complete tasks, and use effective time management skills. Students may also explore Industry-Recognized Certification, IRC, in software and equipment, such as Adobe, NewTek, etc... ***May be repeated for credit.***

## Communications Capstone



MED304S

Credit: .5 per block

Grade Level: 11, 12

Any level 2 Journalism course (Journalism 2 Magazine Across Platforms, Journalism 2 Yearbook, Journalism 2 Broadcast, Journalism 2 Sports Broadcast), can be taken concurrently. Or advanced studies in marketing, advertising, public relations, or other communication-related career courses.

**Course Description:** Explore the Communications career pathway, in fields such as print journalism, online media, broadcast, graphic design, advertising, marketing and other careers in the Communication field, by spending part of your day in the work world away from school with a community professional. In the fall semester, students will reflect on their current career skills, build a portfolio and resumé to find and secure an internship. Students also will receive instruction in career paths and clusters, training and experience for careers being studied, and skills related to obtaining and holding a job by participating in online class assignments and discussions. In the spring semester, student career experiences will be in the form of job shadows, work experience, and internships. Working with a field site supervisor in one of these areas will familiarize students with the responsibilities and rewards of that career choice. Between .5 and 2 credits can be earned each year; a student could enroll in 1 or 2 blocks each semester. Internships include 40 hours at the work site in the spring semester for .5 credit; 80+ hours may earn 1 credit. ***May be repeated for credit.***



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# Early College Academy-Off Campus Programs

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Available in Launch  
(Online learning)

General Elective courses.



Weighted



Gold Medallion Course



Potential to earn  
college credit



Off Campus

*Note: Programs are by application and approval. Applications are available in the Counseling offices.*

## Early College Academy Programs

NKC Schools has partnered with several institutions of higher education to give students the opportunity to learn on college campuses.

Dual enrollment programs offer high school students a unique opportunity to get a head start on their college education. By taking college courses while still in high school, students can earn both high school and college credits simultaneously, saving time and money. These programs not only enhance academic rigor but also allow students to explore their interests, develop critical skills, and ease the transition to college life. With access to college-level resources and instructors, dual enrollment can empower students to achieve their educational and career goals while gaining a competitive edge for their future. We encourage students to embrace the chance to advance their learning and expand their horizons today!

Please direct questions about ECA programs to Shannon Gilliland, Director Early College Programs, [Shannon.gilliland@nkcschools.org](mailto:Shannon.gilliland@nkcschools.org)

## Early College Academy: Maple Woods-Metropolitan Community College

Early College Academy scholars will earn between 10 and 15 college hours per semester of enrollment at the Metropolitan Community College – Maple Woods Campus. Juniors and seniors can apply to the Early College Academy and choose from the morning 8 am – 11 am session (transportation provided) or the afternoon 11 am – 2:30 p.m. session. These college courses will concurrently count toward high school graduation requirements AND a college degree. These courses may be part of the [CORE 42](#) that are transferrable to any publicly funded 4-year college or university in Missouri. Students can make substantial progress toward earning an Associate of Arts degree as they begin their post-secondary career. The students may transfer the coursework to other colleges or universities. Students who are accepted and meet program expectations will have tuition/books/fees and individual supports provided. To learn more please click [ECA-MCC](#).

Students who start the program as a junior will have an opportunity to earn their Associate in Arts degree or Core42 Certificate.

## CORE 42 Knowledge Areas and Distribution Requirements

<b>Knowledge Area</b>	Distribution Requirement
<b>Social &amp; Behavioral Sciences</b>	Nine (9) credit hours minimum, from at least two (2) disciplines, including at least one Civics course.**
<b>Written Communications</b>	Six (6) credit hours minimum.
<b>Oral Communications</b>	Three (3) credit hours minimum.
<b>Natural Sciences</b>	Seven (7) credit hours minimum, from at least two (2) disciplines, including one course with a lab component.
<b>Mathematical Sciences</b>	Three (3) credit hours minimum. Mathematical Sciences courses that use one of the pathways courses as a prerequisite will meet the general education credit for math. For example, Calculus meets the general education math requirement since Pre-Calculus Algebra is a prerequisite.
<b>Humanities &amp; Fine Arts</b>	Nine (9) credit hours minimum, from at least two (2) disciplines. There is a limit of three (3) credit hours of Performance (PERF) courses that can be applied to the Humanities & Fine Arts Knowledge Area and to the total CORE 42.

**The number of hours listed above only total 37 credit hours. The remaining 5 credit hours may be taken from other MOTR courses, distributed across the knowledge areas.**

**\*\*Note that the civics requirement in CORE 42 is different from and does not fulfill the requirements of RSMo 170.013, Missouri Higher Education Civics Achievement Examination.**

## Associate in Arts degree

Purpose Statement: The Metropolitan Community College Associate in Arts degree provides a well-rounded educational foundation that prepares students as citizens in a democratic society, aids in their selection of an appropriate major/career path and provides a path to complete a baccalaureate degree. Note: Credits listed under MOTR and MCC indicate the minimum number of credits needed to fulfill the respective requirement.

### [Learn More](#)

CIVICS EXAM	Missouri Law (SB807) requires all public colleges and universities to administer a civics exam to students as a requirement for graduation. Students must score at least 70% on the exam before they can receive a degree.	
DIVERSITY COURSE	Required Diversity Course: Courses marked with a globe (🌐) are diversity courses. Choose one of the indicated courses to fulfill the Diversity requirement. Additional MCC courses carrying the Diversity designator can be found <a href="#">here</a> .	
<b>GENERAL EDUCATION REQUIREMENTS</b>	<b>Core 42/MOTR Credit Hours</b>	<b>MCC Credit Hours</b>
ORAL COMMUNICATIONS	3	3
WRITTEN COMMUNICATIONS	6	6
MATHEMATICAL SCIENCES	3	3
SOCIAL AND BEHAVIORAL SCIENCES	9	9
NATURAL SCIENCES (7 credit minimum, with two courses from two different disciplines, including at least one course with lab).	7	7
HUMANITIES AND FINE ARTS	9	12
<b>MINIMUM MOTR REQUIRED CLASSES</b>	<b>37</b>	<b>40</b>
ADDITIONAL MOTR ELECTIVES	5	2
<b>TOTAL GENERAL EDUCATION CREDIT HOURS</b>	<b>42</b>	<b>42</b>
<b>GENERAL DEGREE REQUIREMENTS</b>	Credits to complete AA degree	
AA DEGREE ELECTIVES*	18	18
<b>Total Credit Hours Required for Associate in Arts Degree</b>		<b>60 Credit Hours (minimum)</b>

\*A student may take any 100 level or higher MCC course(s) to satisfy the elective requirements for the AA.

Courses may only be used to fulfill one requirement. Non MOTR courses are not guaranteed to transfer, and some may require prerequisite work. Students should consult with academic advisors both at MCC and any planned transfer institutions. Recommended electives are lists of suggested courses designed to help students gain expertise in a specific area of study while pursuing the AA. These courses are not guaranteed to transfer, and some may require prerequisite work. Students should consult with academic advisors both at MCC and any planned transfer institutions.

## ***Early College Academy: University Missouri Kansas City***

The UMKC-NKC Early College Academy is being offered to students who will be seniors in the 2025-2026 school year. This is an excellent opportunity for students to gain experience navigating a large college or university campus after high school. UMKC offers a wide array of classes - especially the Arts, Engineering, Business, just to name a few.

Early College Academy scholars will earn between 9-12 college hours per semester of enrollment at University Missouri Kansas City. Seniors can apply to the Early College Academy and choose a half day or full day schedule. These college courses will concurrently count toward high school graduation requirements AND a college degree.

These courses may be part of the CORE 42 that are transferrable to any publicly funded 4-year college or university in Missouri. Students can make substantial progress toward earning a degree as they begin their post-secondary career. The students may transfer the coursework to other colleges or universities. Students who are accepted and meet program expectations will have tuition/books/fees and individual supports provided.

Click the link to learn more about [UMKC-NKC ECA](#) program.

## ***Early College Academy: Collegiate Nursing Academy- William Jewell College***

***Students must provide their own transportation for this program.***

The Collegiate Nursing Academy is being offered to students who will be seniors in the 2025-2026 school year. This program is designed to provide students a learning experience in healthcare that exposes participants to the Nursing profession, the educational expectations and academic rigor expected of those who plan to enter the nursing field, clinical experience, and the necessary preparation to earn the Certified Nurse Assistant (CNA) certification.

All participants will receive instruction from college-level faculty at William Jewell College for their required 75 hours of coursework, 100 hours of real-world clinical experience with teaching nurses at Liberty Hospital or North Kansas City Hospital and 7.5 free nursing credits. All students who successfully complete the required coursework will be eligible to sit for the state of Missouri CNA certification exam. Students who successfully achieve certification are guaranteed an employment interview with North Kansas City Hospital.

During the Fall semester students will be enrolled Anatomy through WJC and in another general education course in the Spring semester.

Program requirements and application available at: <https://www.nkcschools.org/district/dept/eca/eca-collegiateanursingacademy>

**Any questions regarding Early College Academy at MCC Maple Woods, UMKC, Collegiate Nursing Academy-William Jewell or MCC Advanced Technical Skills Institute contact Director Early College Programs, Shannon Gilliland 816-321-4672 or [Shannon.gilliland@nkcschools.org](mailto:Shannon.gilliland@nkcschools.org)**



## College Welding



Course ID           BTC320  
Prerequisite:       None

Credit:    3

Grade Level:  11, 12

**Course Description:** This program teaches students a variety of welding and fabrication techniques. Shielded metal arc welding, MIG welding, TIG welding, flame cutting, and plasma cutting are a few hand-on skills that students will have the opportunity to learn. Students who complete this program can begin working in industry where the median hourly wage is \$20.43. (Location: ATSI campus)



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## Medicine and Healthcare



Course ID        NCS102  
Prerequisite:    None

Credit: 3

Grade Level: 11, 12

**Course Description:** This course fully immerses students in North Kansas City Hospital and Liberty Hospital, providing unprecedented access to real-world experiences in the dynamic field of medicine and healthcare. Alongside some of the region’s most experienced medical professionals, students will advance their understanding of human physiology, disease process, medical terminology, patient care, professionalism, ethics, and provide an exploration of many career opportunities in healthcare. In the classroom, students will expand upon principles of human physiology through in-depth case studies of body systems, develop fluency in basic medical language, formulate treatment plans for patients, practice physical assessment skills, and perform patient care and life-saving procedures within a high-fidelity simulation lab. These activities are designed to enhance student analysis and problem-solving skills. Students will receive certification in CPR and AED and complete a CAPStone project for the semester, connecting to mentors in their area of interest to develop a project that is real, relevant, and of service to the community or business partner.

## Technology Solutions



Course ID        NCS100  
Prerequisite:    None

Credit: 3

Grade Level: 11, 12

**Course Description:** This course is ideal for students who are interested in developing the professional and technical skills required to forge forward in exploring all areas of technology. Immerse yourself in a professional environment while you tackle and solve real-world problems using a vast array of technology skills. Students interested in technology will perform real-world projects for clients utilizing the expertise of diverse guest instructors, mentors, and business partners. Strong emphasis is placed on software engineering skills such as programming methodology and problem solving using multiple languages, algorithm design and development, data abstraction, and well-documented programming, testing, and debugging. Students interested in design will create a wide array of digital assets in a profession-based learning environment, which provides opportunities to collaborate with mentors and business clients.



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# Off Campus Program: Northland Career Center (NCC)



Available in Launch  
(Online learning)



Weighted



Gold Medallion course



Potential to earn  
college credit



Off Campus

*Practical Arts courses.*

*Note: This program is by application and approval. Shadowing opportunities are available. Applications are available in the Counseling offices or visit <https://northland.plattecountyschooldistrict.com/> for more information.*

**English Credit:** *Students will meet as a class with the Language Arts Teacher approximately four times a semester to earn .5 credits per year. Lessons and projects will be geared toward improving english skills that will make students more successful for a future career in that particular program. Therefore, plans will include significant input from course instructors while being aligned with standards from the Common Core.*

**Math Credit:** *The math credit (.5 credits per year) will be embedded within the regular schedule of the program. Lessons and projects will be geared toward improving math skills that will make students more successful for a future career in that particular program. Therefore, plans will include significant input from course instructors while being aligned with standards from the Common Core.*

## ***Agriculture, Food, and Natural Resources***

The Northland Career Center partners with the MCC-Maple Woods Early College Program, open to juniors and seniors, and prepares students for agricultural careers in a variety of areas through coursework, labs, project-based learning, and greenhouse studies. Agricultural Sciences introduces students to the cultivation, processing, marketing and distribution of food, forestry and horticulture that occur in built-up “intra-urban” areas. Career and degree pathways are created through the teaching of fundamental core areas: Agribusiness (production, processing and distribution, economics, marketing, farm management, logistics), Animal Science (livestock production, aquaculture, animal nutrition, meat science, veterinary science), Plant Science (horticulture, agronomy, hydroponics, aquaponics, aeroponics, landscaping, turf Management, greenhouse management, urban agriculture). Agriculture has been identified as a growing career field with many job opportunities and a shortage of qualified workers. The USDA reports that approximately 10.3% of all US jobs relate to Agriculture and 1.4% of those jobs are in farming.

This program takes place at MCC-Maple Woods with support from NCC. Students will earn the same high school credits as other NC programs, in addition to the college credit hours. English and Math credits will also be part of the course, similar to all NCC programs. NKC School District will provide transportation for their students. All other students will have to provide their own transportation. This class is only available in the AM. Students in this program will not come to NCC.

### **Areas of Study Leading to an Associates Degree**

- Agribusiness
  - Economics
  - Marketing
  - Farm Management
  - Logistics

- Animal Science
  - Livestock Production
  - Aquaculture
  - Animal Nutrition
  - Meat Science
  - Veterinary Science
- Plant Science
  - Horticulture
  - Agronomy
  - Hydroponics
  - Aquaponics
  - Aeroponics
  - Landscaping
  - Turf Management
  - Greenhouse Management
  - Urban Agriculture

## Architecture & Construction



### Construction Technology I

Course ID      STC103                      Credit: 3                      Grade Level: 11, 12  
 Prerequisite: Ability to read a tape measure, add and subtract fractions, and calculate dimensions in feet and inches; work at various heights and lift 25 pounds.

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

### Construction Technology II



Course ID              STC104                      Credit: 3                      Grade Level: 12  
 Prerequisite: Construction Technology I (C of better), good disciplinary record at NCC and home school, meet attendance requirements, and Teacher Recommendation.

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

**Credit Type Earned:** The Missouri Graduation Requirements allow students that have attended a CTE program for two years to utilize their final year of credit as follows: 1 credit of math, 2 credits of elective.

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















