International Baccalaureate Guide for Students and Parents

A Supplement to the Career Planning and Education Guide

North Kansas City Schools
North Kansas City High School
2026-27 Edition

Table of Contents
International Baccalaureate Guide

Overview of IBDP and IBCP.....3-4
IB Learner Profile.....5
Frequently Asked Questions.....6-9
Advantages of IB Programmes.....10
IBDP and IBCP Curriculum Models.....11-12
Course Descriptions.....13-34
IBDP and IBCP Graduation Requirements.....35-36
Individualized Career Plan Samples.....37-38
IB Freshman Course Selection Worksheet.....39-40

North Kansas City High School
620 E. 23rd Avenue
North Kansas City, Missouri 64116
816-321-5310
http://www.nkcschools.org/nkhs/

International Baccalaureate Diploma Program (IBDP)

What is an International Baccalaureate Diploma Program?

The International Baccalaureate Diploma is a pre-university diploma, utilizing international standards, based on an integrated curriculum, infused with *globalism*. The diploma is an "international admissions credential." It is offered in 3900 schools, in over 155 countries. There are approximately 950 schools in the United States offering the IB Diploma. Schools that adopt International Baccalaureate are public, private, magnet, comprehensive, international, redesigned.

The program is a challenging course of studies, leading to examinations in six academic areas, which meet the needs of highly motivated secondary school students. Designed as a comprehensive curriculum that allows its graduates to fulfill requirements of various national education systems, the diploma model is based on the pattern of no single country but incorporates the best elements of several.

Special Features of *IB DP*

1) ***Theory of Knowledge (TOK)*** is a required interdisciplinary course intended to stimulate critical reflection upon the knowledge and experience gained inside and outside the classroom. TOK challenges students to question the bases of knowledge, to be aware of subjective and ideological biases, and to develop a personal mode of thought based on analysis of evidence expressed in rational argument. The key element in the International Baccalaureate educational philosophy, Theory of Knowledge seeks to develop a coherent approach to learning that transcends and unifies the academic subjects and encourages appreciation of other cultural perspectives.

2) ***Creativity, Activity, Service*** is known by its acronym ***CAS*** and is a fundamental part of the diploma curriculum. The ***CAS*** requirement takes seriously the importance of life outside the world of scholarship, providing a refreshing counterbalance to the academic self-absorption some may feel within a demanding school program. Participation in community service activities that relate to students' interests encourages young people to share their energies and special talents while developing awareness, concern, and the ability to work cooperatively with others. The goal of educating the whole person and fostering a more compassionate citizenry comes alive in an immediate way when students reach beyond themselves and their books.

3) Diploma candidates are required to undertake original research and write an ***Extended Essay*** of some 4,000 words. This project offers the opportunity to investigate a topic of special interest and acquaints students with the kind of independent research and writing skills expected at the university level. The essay may be written in a wide variety of IB subject areas.

4) The grading system used by the International Baccalaureate Organization is **criterion-referenced**. This means that each student's performance is measured against well-defined levels of achievement consistent from one examination session to the next. Top grades are not simply awarded "on a curve" to a certain percentage of candidates but rather reflect attainment of knowledge and skills relative to set standards equally applied to all schools. Validity, reliability, and fairness are the watchwords of the International Baccalaureate Organization's international assessment strategy.

International Baccalaureate Career-related Programme (IBCP)

What is an International Baccalaureate Career-related Programme?

To prepare students for the 21st century, the International Baccalaureate developed the IB Career-related Programme, an academic qualification designed to support schools that offer career-related courses to their students. The newest of the IB programs, the IBCP is offered in about 400 schools worldwide. There are approximately 190 schools in the United States offering the IBCP. Like the IB Diploma program, schools that adopt IBCP are public, private, magnet, comprehensive, and international. The IBCP provides the basis for effective collaboration in the workplace, additional training in a career-related field, as well as improved flexibility in one's employment. The IBCP offers learning and assessment that promotes access to an IB education, school retention, responsibility for one's actions, skills development, reflection of life experiences, and self-esteem through meaningful achievements.

Special Features of *IBCP*

1) ***Personal and Professional Skills (PPS)*** is a required interdisciplinary course intended to stimulate critical reflection. With an emphasis placed primarily within the context of work, PPS promotes the development of transferable skills such as communication; critical thinking; intercultural understanding; and personal development to improve skill sets to successfully operate in the 21st century. The Personal and Professional Skills course seeks to bridge the gap between practical and knowledge skills while promoting self-awareness and cross-cultural connections.

2) ***Community Engagement (CE)*** offers opportunities for students to learn in, from and with communities, as well as to apply knowledge and skills acquired in other areas of learning. Students engage in an inquiry-based process of exploring and preparing, relating and acting, evaluating and sharing that is aimed at responding to relevant opportunities and challenges identified both by and with communities.

3) ***Reflective Project (RP)*** is an in-depth body of work focused on an ethical dilemma in a career-related area. It is developed and reflected upon over an extended period of time; as a product of the students' own initiative, it provides a thoughtful representation of their cumulative personal experience and skills gained over the course of the Career-related Programme (CP). Students have the option to develop their RP using a variety of format options, which include written, verbal, visual and audio-visual modes of communication.

4) The ***Language and Cultural Studies (LCS*)** Language is central to all aspects of our lives, both personal and professional, and we all belong to, or interact with, a range of linguistic and cultural groups. We engage flexibly with different linguistic and cultural groups, and we are also part of the changes that these groups undergo on a continual basis. Through LCS students explore language as not only as a code and system (words and grammar), but also as social practice; this includes language use in the context of situation and in the context of culture. Students complete 30 hours of guided instruction a total of 70 hours exploring the language and culture of their choice.



IB Learner Profile

IB Programmes aim to develop internationally minded people who are striving to become:

Inquirers — We nurture our curiosity, developing skills for inquiry and research. We know how to learn independently and with others. We learn with enthusiasm and sustain our love of learning throughout life.

Knowledgeable — We develop and use conceptual understanding, exploring knowledge across a range of disciplines. We engage with issues and ideas that have local and global significance.

Thinkers — We use critical and creative thinking skills to analyze and take responsible action on complex problems. We exercise initiative in making reasoned, ethical decisions.

Communicators — We express ourselves confidently and creatively in more than one language and in many ways. We collaborate effectively, listening carefully to the perspectives of other individuals and groups.

Principled — We act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and rights of people everywhere. We take responsibility for our actions and their consequences.

Open-Minded — We critically appreciate our own cultures and personal histories, as well as the values and traditions of others. We seek and evaluate a range of points of view, and we are willing to grow from the experience.

Caring — We show empathy, compassion and respect. We have a commitment to service, and we act to make a positive difference in the lives of others and in the world around us.

Risk-Takers — We approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies. We are resourceful and resilient in the face of challenges and change.

Balanced — We understand the importance of balancing different aspects of our lives—intellectual, physical and emotional—to achieve well-being for ourselves and others. We recognize our interdependence with other people and with the world in which we live.

Reflective — We thoughtfully consider the world and our own ideas and experience. We work to understand our strengths and weaknesses in order to support our learning and personal development.

Frequently Asked Questions

Who should attempt to earn the IB Diploma or Career-related Certificate?

Students seeking the International Baccalaureate should love to learn, have a good work ethic, and should have or be willing to develop time management skills. Being motivated to work hard is the key to success in the IB Diploma or Career-related Programme.

What is NKCHS Pre-IB?

NKCHS Pre-IB is a designated version of the Honors/Challenge Program, specifically designed for freshman and sophomore students, to prepare potential IB Diploma Program or Career-related Certificate candidates for the academic rigors of their junior and senior years.

The NKCHS Pre-IB Program is offered exclusively at North Kansas City High School. Students who intend to enter the IB Diploma Programme as juniors must enroll in designated sections of honors courses in English language arts, global language, history, mathematics, and science. If a student is interested in art/design, music, or theatre arts as a sixth area, then that course sequence should begin during the freshman year also. Students who intend to enter the IB Career-related Programme as juniors must enroll in designated sections of honors courses in English Language Arts, at least two additional areas of future IB study, plus Project Lead the Way (engineering, computer science, or biomed), Foods, Child Development, Communications/Journalism, Foundations of Business, Creative Design, or Introduction to Human Services.

How do I get into the NKCHS Pre-IB program?

The IB Programme is open to all NKC Schools students. Students who would like to participate in the International Baccalaureate Diploma or Career-related Programme should enroll as freshmen at North Kansas City High School in the NKCHS Pre-IB/Honors courses. Once enrolled in the IB Programme, students must remain in good academic standing, maintain 90% attendance, and a clean disciplinary record. For students who have not achieved good academic standing, 90% attendance, and/or a clean disciplinary record in middle school, they may be admitted on conditional acceptance. If outside of the NKCHS feeder pattern, these students will enroll in their home high school for their freshman year. During that year, if they can achieve the IB Programme expectations listed above, the student may then transfer to NKCHS during their sophomore year.

What if I am supposed to attend Oak Park, Staley, or Winnetonka High Schools?

Because North Kansas City High School is the only school in the district authorized to offer the International Baccalaureate Programme, students wishing to enter must transfer to NKCHS. Families must submit a transfer form and statement of intent. These can be found on the North Kansas City Schools IB Website. The transfer form can be found at https://bit.ly/NKC_IBTransferForm. The Statement of Intent can be found at https://bit.ly/NKC_IBIntent.

What about athletics and activities? May I attend school at NKCHS and participate in athletics/activities at another high school?

No. International Baccalaureate candidates must become full-time students at NKCHS, which includes both academics and activities. Any student requesting a district transfer from Oak Park, Staley, or Winnetonka to participate in the IB programme at North Kansas City High School will enter the Missouri State High School Activities Association (MSHSAA) Promotion Standard. Students are immediately eligible to participate in activities/sports upon transfer to North Kansas City High School. If students choose to return to their attendance area high schools, they will have restricted eligibility for one year.

What if I change my mind and want out of the IB program?

Students may exit the IB program after conferencing with their parents, teachers, counselor, the IBDP or IBCP coordinator, and the principal and writing a letter explaining their reasons. If transfer students wish to return to Oak Park, Staley, or Winnetonka, they may do so. If transfer students desire to remain at NKCHS and pursue an alternate diploma, they must complete the intra-district transfer form available online at https://www.nkcschools.org/families/enrollment/forms.

Will IB Diploma and Career-related Certificate candidates also earn the Gold Medallion Honors Diploma?

Yes. Since the tests for the IB Diploma courses are sent all over the world to be graded, the diploma/certificate is not awarded until summer. IB students will graduate with their class, graduate with distinction, be declared IB Diploma or Career-related Certificate candidates and receive the Gold Medallion Honors Diploma. In pursuing the IB Diploma or Career-related Certificate, students will be considered as having met all requirements for the Gold Medallion Honors Diploma and with success of IB exams, earn a second diploma, the IB Diploma, or the IB Career-related Certificate.

Is there a way to take some requirements outside the traditional school day to create more space in my schedule for other courses?

Yes. Students may enroll in available summer learning offerings to take courses such as geometry, health, physical education, or personal finance to meet the requirements for graduation. Students must have taken one full unit of physical education and one-half unit of health, one-half unit of personal finance, as well as one unit of practical art and one unit of fine art to graduate**.** Since these requirements do not always fit cleanly into the IB student's schedule, extended learning in the summer and online courses are suggested alternatives.

Can I choose a "Pathway" *and* participate in the IB Program?

Yes. Like all freshmen, IB Students select a "School of …" Their pathway study will prepare them to pursue the IB Diploma/Career-related certificate. Students will be placed in a school based upon their preference:

- School of Business, Leadership, and Entrepreneurship
- School of Design, Innovation, and Technology
- School of Health and Wellness
- School of Human Services

How do Pathways affect IB courses?

IB coursework officially begins during the junior year. IBCP students will follow their career-related study pathway work and enroll in at least 2 IB courses outside of that work. IBDP students will continue their pathway technical core sequence, which may include IB courses. Those IBDP technical core course sequences are outlined below:

School of Health and Wellness

Pathway	9th grade	10th grade	11th grade	12th grade
Health	PLTW Principles of Biomedical Sciences	PLTW Human Body Systems	IB Sports, Exercise, and Health Science	IB Sports, Exercise, and Health Science
Wellness	PLTW Principles of Biomedical Sciences	Therapy Studies and Brain Development	IB Sports, Exercise, and Health Science	IB Sports, Exercise, and Health Science

School of Business, Leadership, and Entrepreneurship

Pathway	9th grade	10th grade	11th grade	12th grade
Business	Foundations of Business	Business Communications	IB Business Management	IB Business Management
Marketing	Intro to Media Marketing	Marketing Principles	IB Business Management	IB Business Management

School of Human Services

Pathway	9th grade	10th grade	11th grade	12th grade
Human Services	Intro to Human and Public Services	Advocacy in the Community and Sustainability	IB Social and Cultural Anthropology or IB Environmental Systems and Societies or IB Psychology	IB Social and Cultural Anthropology or IB Environmental Systems and Societies or IB Psychology

School of Design, Innovation, and Technology

Pathway	9th grade	10th grade	11th grade	12th grade
Technology	PLTW College Computer Science Essentials	PLTW College Computer Science Principles	IB Design Technology	IB Design Technology
Construction and Engineering	PLTW Introduction to Engineering	PLTW Principles of Engineering	IB Design Technology	IB Design Technology
Creative Design	Creative Design I	Creative Design II	IB Visual Arts	IB Visual Arts

What would a typical NKCHS Pre-IB/Honors DP schedule look like?

Sample schedule for grade 9	Sample schedule for grade 10
NKCHS Pre-IB/Honors English Language Arts I	NKCHS Pre-IB/Honors English Language Arts II
NKCHS Pre-IB/Honors French II	NKCHS Pre-IB/Honors French III
NKCHS Pre-IB/Honors World History	NKCHS Pre-IB/Honors US History/Government
NKCHS Pre-IB/Honors Biology	NKCHS Pre-IB/Honors Chemistry
NKCHS Pre-IB/Honors Geometry	NKCHS Pre-IB/Honors Algebra II
NKCHS Pre-IB/Honors Theatre Arts I	NKCHS Pre-IB/Honors Theatre Arts II
AVID 9	Mixed Choir
Creative Design I (DIT)	PLTW Human Body Systems (HAW)

What would a typical NKCHS Pre-IB/Honors IBCP schedule look like?

Sample schedule for grade 9	Sample schedule for grade 10
NKCHS Pre-IB/Honors English Language Arts I	NKCHS Pre-IB/Honors English Language Arts II
NKCHS Pre-IB/Honors French II	NKCHS Pre-IB/Honors French III
NKCHS Pre-IB/Honors World History	NKCHS Pre-IB/Honors US History/Government
NKCHS Pre-IB/Honors Biology	NKCHS Pre-IB/Honors Chemistry
Geometry	Pre-IB Honors Algebra II
Foundations of Business (BLE)	PLTW Human Body Systems (HAW)
Health/Physical Education	Personal Finance/Foods I
Band	Symphonic Orchestra

Whom should I call with questions?

- Mrs. Mitsi Nessa, IB Program Coordinator: 816.321.5805 mitsi.nessa@nkcschools.org
- Ms. Jourdan Martinez, IB Administrative Assistant: 816.836.9207 jourdan.martinez@nkcschools.org
- Dr. Kari Harrison, IB Head of School: 816.321.5956 kari.harrison@nkcschools.org
- Ms. Shelli Copas, HAW Counselor: 816.321.6887 shelli.copas@nkcschools.org
- Mrs. Haley Cheffey, PAH Counselor: 816.321.4187 haley.cheffey@nkcschools.org
- Dr. Scott Sherman, BLE Counselor: 816.413.3701 scott.sherman@nkcschools.org
- Mr. Josh Ehrhard, DIT Counselor: 816.321.6247 josh.ehrhard@nkcschools.org

The International Baccalaureate Organization website, which includes university recognition information, is www.ibo.org

IB Programme Advantages

- Internationally recognized
- World standards, not merely local, state, or national standards
- Challenging and exciting classes focusing on writing, thinking, and communicating
- Rigorous and comprehensive education based on international perspectives
- Head start on college through Theory of Knowledge/Personal and Professional Skills courses and classes based on inquiry and research
- Recognition and development of the potential of each student
- Traditional high school with extra-curricular activities
- Community involvement through business and education partnerships and participation, and a commitment of community and human welfare
- A high school with 100 years of excellence and tradition
- High standards of teaching required by the IB programme
- Possibility of admission to the world's best colleges and universities
- Possibility of advanced placement in college courses
- Possibility of academic scholarships
- High expectations for students and development of full academic potential in all areas of study, including standardized testing
- Ability to compete with the best scholars in the world

International Baccalaureate DP

The Curriculum Model

International Baccalaureate curriculum planners seek to ensure that the organization's education aims are embodied in the structure and content of the program itself. The diploma is displayed in the shape of a circle with six academic areas or subject groups concurrently, and students are exposed to the two great traditions of learning: the humanities and the sciences.

Diploma candidates are required to select one subject from each of the six subject groups that correspond to the principal domains of knowledge. At least three and not more than four are taken at higher level (HL), the others at standard level (SL). HL courses represent a recommended 240 teaching hours, SL courses 150 hours. By arranging work in this fashion, students are able to achieve depth of study in the context of a broad and coherent curriculum over the two-year period. The IB pattern is a deliberate compromise between the early specializations preferred in some national systems and the greater breadth found in others. In each area of the curriculum, care is taken to foster active citizenship and global perspectives.



International Baccalaureate IBCP

The Curriculum Model

International Baccalaureate curriculum planners seek to ensure that the organization's education aims are embodied in the structure and content of the program itself. The IBCP model allows students to focus on a career-related pathway leading to higher education, further education, work, or apprenticeships. The program's three-part framework comprises the study of at least three Diploma Programme courses in tandem with a chosen career-related study.

The model's inner circle contains the distinctive IBCP core designed to connect each student's chosen Diploma Programme courses and career-related study. For IBCP students, Diploma Programme courses provide the theoretical underpinning and academic challenge; career-related studies further support the program's academic strength and provide practical, real-world approaches to learning; and the IBCP core helps them to develop skills and competencies required for lifelong learning.



International Baccalaureate

Course Descriptions for NKCHS Pre-IB/Honors, IB-SL, and IB-HL

Group 1 Subjects: Language A (Studies in Language and Literature)

NKCHS Pre-IB/Honors English Language Arts I
Grade: 9

NKCHS Pre-IB/Honors ELA I is the first preparatory step for students wanting to enter the Language A portion of the International Baccalaureate Diploma or Career-related Programmes. This freshman level course is designed to equip students with literary analysis skills and elevate the quality of students' narrative, argumentative, and analytical writing. Additionally, students will practice discussion skills as well as academic research and citation. Genres studied include short story, nonfiction, poetry, novel, and drama.

NKCHS Pre-IB/Honors English Language Arts II
Grade: 10
Prerequisite: NKCHS Pre-IB/Honors English Language Arts I

NKCHS Pre-IB/Honors ELA II is the second and final preparatory step before students enter the Language A facet of the International Baccalaureate Diploma or Career-related Programmes. This class hones the skills of literary analysis through both written and oral commentary. Genres studied include short story, poetry, novel, and drama.

IB English A: Language and Literature SL/HL
Grades: 11-12
Prerequisite: NKCHS Pre-IB/Honors English Language Arts I & II

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 Diploma and Career-related Programme students must an English A course.

IB English A: Literature HL
Grades: 11-12
Prerequisite: NKCHS Pre-IB/Honors English Language Arts I & II

IB English A: Literature HL is a two-year junior/senior course emphasizing the study of written language and literary analysis. Students will analyze, synthesize, and evaluate drama, poetry, novels, and nonfiction in British, American, and World literature. The study of literature in translation and from other cultures is especially important to IB students because it contributes to a global perspective and a course focus on global issues. The course will also emphasize intertextuality through thematic connections as well as differences in literary periods, styles and context. Students will perform both written and oral assessments (internally graded by the teacher and externally graded by an IB examiner). IB Diploma and Career-related Programme students must take an English A course.

Group 2 Subjects: Language B (language acquisition)

NKCHS Pre-IB/Honors French I
Grade: 9

NKCHS Pre-IB/Honors French I is designed to prepare students to use fundamental language in personal, practical, and culturally authentic everyday situations in oral and written form. Five years of the language is strongly recommended for those pursuing the IB Diploma Program.

NKCHS Pre-IB/Honors French II
Grades: 9, 10
Prerequisite: Middle School French I or NKCHS Pre-IB/Honors French I

NKCHS Pre-IB/Honors French II is designed for students to continue to expand their mastery of fundamental language usage in personal, practical, and culturally authentic everyday situations. Five years of the language is strongly recommended for those pursuing the IB Diploma Program

NKCHS Pre-IB/Honors French III
Grades: 10, 11
Prerequisite: NKCHS Pre-IB/Honors French II

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

IB French SL
Grades: 10, 11, 12
Prerequisite: NKCHS Pre-IB/Honors French III

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
Grades: 11-12
Prerequisite: NKCHS Pre-IB/Honors French III, and MUST have teacher approval

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.

NKCHS Pre-IB/Honors Spanish I
Grade: 9

NKCHS Pre-IB/Honors Spanish I is designed to prepare students to use fundamental language in personal, practical, and culturally authentic everyday situations in oral and written form. Five years of the language is strongly recommended for those pursuing the IB Diploma Program

NKCHS Pre-IB/Honors Spanish II
Grades: 9, 10
Prerequisite: Middle School Spanish I **or** NKCHS Pre-IB/Honors Spanish I

NKCHS Pre-IB/Honors Spanish II is designed for students to continue to expand their mastery of fundamental language usage in personal, practical, and culturally authentic everyday situations. Five years of the language is strongly recommended for those pursuing the IB Diploma Program

NKCHS Pre-IB/Honors Spanish III
Grades: 10, 11
Prerequisite: NKCHS Pre-IB/Honors Spanish II

NKCHS Pre-IB/Honors Spanish 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 the International Baccalaureate Diploma. Five years of the language is strongly recommended for those pursuing the IB Diploma Program

IB Spanish SL
Grades: 11, 12
Prerequisite: NKCHS Pre-IB/Honors Spanish III

IB Spanish 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 Spanish HL
Grades: 11-12
Prerequisite: NKCHS Pre-IB/Honors Spanish III, and MUST have teacher approval

IB Spanish 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 levels of study and perfect written and oral communication skills. Students sitting for the HL exam must have studied the language for five years.

Group 3 Subjects: Individuals and Societies

NKCHS Pre-IB/Honors World History
Grade: 9

NKCHS Pre-IB/Honors World History prepares students for the study of IB History by providing students with an important foundation in western culture. Because of the necessity for practice in detailed study, students will focus mostly on the development of western civilization. Students will learn to study independently, do research, take notes, make generalizations, and draw conclusions about history. Success in this course requires strong self-motivation.

NKCHS Pre-IB/Honors U.S. History II/Government
Grade: 10
Prerequisite: NKCHS Pre-IB/Honors World History or AP Human Geography

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.

IB History SL
Grades: 11, 12
Prerequisite: NKCHS Pre-IB/Honors World History, NKCHS Pre-IB/Honors U.S. History II/Government

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
Grades: 11-12
Prerequisite: NKCHS Pre-IB/Honors World History, NKCHS Pre-IB/Honors U.S. History II/Government

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.

IB Psychology SL
Grades: 11, 12

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.

IB Psychology HL
Grade: 12
Prerequisite: IB Psychology SL

IB Psychology HL is a one-year course that builds on material learned in SL psychology and prepares students for the Higher Level (HL) International Baccalaureate exam. The course begins with an extensive review of how to conduct experiments, which is followed by students conducting their own simple experiments. Then, the focus will be on qualitative research methodology where students will engage in the different qualitative research techniques. After qualitative research methods are studied and practiced the course focuses on Abnormal Psychology. Finally, the course ends with an intensive review. Throughout the course, students will focus on the development and cultural contexts, the framework, the methodologies, and the application of psychology.

IB Social and Cultural Anthropology SL
Grades: 11, 12

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
Grades: 11-12

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 Business Management
Grades: 11-12
Prerequisite: Foundations of Business *and* Accounting, Marketing Principles, or Business Communications

IB Business Management is designed to develop a student's knowledge and understanding of management theories, as well as their ability to apply a range of tools and techniques. Students learn to analyze and evaluate business practices at the local, national and international levels. The course covers a range of organizations from all sectors, as well as the sociocultural and economic contexts in which they operate. This course covers the key components of business organization and environment and the business functions of human resource management, finance and accounts, marketing and operations management. Through the exploration of 6 underpinning concepts (change, culture, ethics, globalization, innovation, and strategy), the course allows students to develop a holistic understanding of today's complex and dynamic business environment. This course serves as the technical core course for IBDP Juniors and Seniors in the School of Business, Leadership, and Entrepreneurship (BLE), but it is open to all students.

Group 4 Subjects: Experimental Sciences

NKCHS Pre-IB/Honors Biology
Grade: 9

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.

NKCHS Pre-IB/Honors Chemistry
Grade: 10
Prerequisites: Algebra I, NKCHS Pre-IB/Honors Biology

NKCHS Pre-IB/Honors Chemistry is a one-year course that builds the foundation for IB/AP Chemistry. Chemistry is taught with an emphasis on higher-order thinking and application of major chemical principles. Topics include the nature of matter, atomic structure and theory, periodic table, bonding, chemical reactions, stoichiometry, solutions, thermodynamics, equilibrium, and acids and bases. Students will write and complete 10-15 labs that reinforce the topics discussed in class. A strong background in mathematics is encouraged before taking this course.

IB Environmental Systems and Societies SL
Grades: 11, 12
Prerequisites: NKCHS Pre-IB/Honors Biology, NKCHS Pre-IB/Honors Chemistry

Environmental systems and societies (ESS) is a dynamic interdisciplinary subject that takes 21st-century challenges and socio-environmental real-world issues and looks at them through the lens of human societies and the interrelationships of the natural world: biosphere, atmosphere, hydrosphere and lithosphere. Students explore how these relationships change over time and space, consider the potential adaptations and mitigations that human societies and the natural world may currently be undergoing, and how these could impact the future and our place in it.

IB Environmental Systems and Societies HL
Grades: 11, 12
Prerequisites: NKCHS Pre-IB/Honors Biology, NKCHS Pre-IB/Honors Chemistry

Environmental Systems and Societies (ESS) is a dynamic interdisciplinary course that examines contemporary environmental challenges by exploring the complex relationships between human societies and the natural world, including the biosphere, atmosphere, hydrosphere, and lithosphere. Drawing from diverse disciplines such as ecology, economics, chemistry, geography, sociology, and philosophy, ESS integrates scientific concepts with cultural, ethical, political, and legal perspectives on sustainability. Students develop a broad set of skills through research, investigations, and critical discussions, enabling them to analyze environmental systems and human impacts at local, regional, and global scales. The course fosters holistic understanding and equips students to consider potential adaptations and solutions for a sustainable future.

IB Biology SL
Grades: 11, 12
Prerequisites: NKCHS Pre-IB/Honors Biology, NKCHS Pre-IB/Honors Chemistry

IB Biology SL is a one-year laboratory biology course that covers all topics considered appropriate for an introductory college biology course. The principles of biology, such as biochemistry, cells, genetics, evolution, ecology, and human anatomy and physiology are covered in detail. Laboratory experimentation and content 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.

IB Biology HL-1
Grade: 11
Prerequisites: NKCHS Pre-IB/Honors Biology, NKCHS Pre-IB/Honors Chemistry

IB Biology HL-1 is the first year of a two-year lab intensive course that is designed to prepare students for the Higher Level International Baccalaureate exam. The first year of HL biology will cover the CORE of the IB biology curriculum guide. It includes all of the standard topics: biochemistry, cells, genetics, evolution, ecology and human anatomy and physiology. Internal Assessment will comprise 40 hours, including Laboratory Investigations (20 hours), an individual research project on some topic of personal interest (10 hours) and the Group 4 Project (10 hours). This course is limited to students pursuing the International Baccalaureate Diploma.

IB Biology HL-2
Grade: 12
Prerequisites: IB Biology HL-1

IB Biology HL-2 is the second year of a two-year course designed to prepare students for the Higher Level International Baccalaureate exam. This advance Biology course will give students an in-depth view of the living world through learning the advanced high-level information from the IB curriculum. Course topics include more focused study of nucleic acids and proteins, plant science, advanced genetics, and advanced human health and physiology. Internal assessment will include Laboratory Investigations (20 hours). This course is limited to students pursuing the International Baccalaureate Diploma.

IB Chemistry SL
Grades: 11, 12
Prerequisites:NKCHS Pre-IB/Honors Biology, NKCHS Pre-IB/Honors Chemistry, NKCHS Pre-IB/Honors Algebra II

IB Chemistry SL is a one-year laboratory chemistry course that covers all topics considered appropriate for an introductory college chemistry course. The principles of chemistry, such as structure, states of matter, thermo chemistry, reactions, and descriptive chemistry are covered in detail. 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. Adequate preparation in mathematics is essential for success in this course. This course prepares students to take the International Baccalaureate Standard Level exam.

IB Chemistry HL-1
Grade: 11
Prerequisites: NKCHS Pre-IB/Honors Biology, NKCHS Pre-IB/Honors Chemistry, NKCHS Pre-IB/Honors Algebra II

IB Chemistry HL-1 is the first year of a two-year laboratory course that continues and builds on topics introduced in NKCHS Pre-IB Chemistry. Topics will include core information on stoichiometry, atomic theory, periodicity, bonding, states of matter, energetics, kinetics, equilibrium, acids/bases, and oxidation/reduction, organic chemistry, and human biochemistry. The two-year course includes 240 hours of teaching time. 180 of these hours are classroom concepts and 60 hours are Internal Assessment hours, which include 45-50 hours of investigations and 10-15 hours of an interdisciplinary project called the Group 4 project. Laboratory research will be a prominent component of this course, requiring significant dedication. Students need to be willing to use their minds for higher level thinking exercises and meet each challenge of the course with zeal. Mathematics is an integral part of this course.

IB Chemistry HL-2
Grade: 12
Prerequisites: IB Chemistry HL-1

IB Chemistry HL-2 is the second year of a two-year laboratory course that continues and builds on topics introduced in NKCHS Pre-IB Chemistry and IB Chemistry HL-1. Topics will include advanced information on atomic theory, periodicity, bonding, states of matter, thermochemistry, energetics, kinetics, equilibrium, acids/bases, and oxidation/reduction, organic chemistry, and human biochemistry. Laboratory research and inquiry will be a prominent component of this course, requiring a significant amount of time. Students need to possess open minds and be willing to participate in higher-level thinking exercises. Mathematics is an integral part of this course.

IB Sports, Exercise and Health Science SL
Grade: 11, 12
Prerequisites: NKCHS Pre-IB/Honors Biology, NKCHS Pre-IB/Honors Chemistry

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.

IB Design Technology
Grade: 11, 12
Prerequisites: NKCHS Pre-IB/Honors Biology, NKCHS Pre-IB/Honors Chemistry

IB Design Technology aims to develop internationally-minded people whose enhanced understanding of design and the technological world can facilitate our shared guardianship of the planet and create a better world. It focused on analysis, design development, synthesis and evaluation. Inquiry and problem solving are at the heart of the course. IB Design Technology requires the use of the design cycle as a tool, which provides the methodology necessary to structure analysis of problems and the development and evaluation of feasible solutions. Students will achieve a high level of design literacy by developing critical thinking and design skills that are applied in practical contexts. This course serves as the technical core course for IBDP Juniors and Seniors in the Technology and Construction and Engineering Pathways in the School of Design, Innovation and Technology (DIT), but it is open to all students.

Group 5 Subjects: Mathematics

NKCHS Pre-IB/Honors Geometry
Grades: 9, 10
Prerequisite: Algebra I

NKCHS Pre-IB/Honors Geometry is an accelerated study of plane and solid geometric figures with emphasis on plane figures. The course stresses knowledge and application of geometry as a logical system, with definitions, postulates, and theorems, especially using analysis and deductive reasoning. Lessons include work in ratio and proportion, Pythagorean theorem, areas, special triangles, volumes, and other metric work. Application is an important part of this course. A scientific calculator, geometric compass and protractor are suggested. This course is designed for students with advanced abilities who are 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 10th grade year or concurrently with Algebra II during the 10th grade year.

NKCHS Pre-IB/Honors Algebra II
Grades: 9, 10
Prerequisites: Algebra I, Middle School or NKCHS Pre-IB/Honors Geometry (previously or concurrently)

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.

Honors Pre-Calculus
Grades: 10, 11, 12
Prerequisites: NKCHS Pre-IB/Honors Algebra II

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.

*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.*

IB Math: Applications and Interpretation SL-1
Grades: 10, 11, 12
Prerequisites: NKCHS Pre-IB/Honors Algebra II

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
Grades: 11, 12
Prerequisites: IB Pre-Calculus or IB Math: Applications and Interpretation SL-1

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.

Calculus I
Grades: 11, 12
Prerequisite: IB Pre-Calculus

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 (TI Nspire) 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
Grades: 11, 12
Prerequisite: IB Calculus I

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
Grades: 11, 12
Prerequisites: IB Calculus I, IB Calculus II

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.

Group 6 Subjects: Arts & Electives

NKCHS Pre-IB/Honors Art/Design I
Grade: 9

NKCHS Pre-IB/Honors Art/Design I is an accelerated one-year, introductory course designed to evaluate abilities of students in technical skills, work ethic, self-motivation, and literacy in art. This course prepares freshmen for Standard Level and Higher Level IB courses. Learners will be trained in a more group-structured curriculum with an emphasis on visual awareness and perception skills through observation drawing. Basic principles and elements of design will be reviewed. Various dry media will be explored creating an acquisition of techniques to integrate into studio projects. Students will begin to explore and research artists and art history periods. A portfolio of work and research workbooks to document progress will be required. Students enrolling in this course should have a strong interest in art and should be pursuing the International Baccalaureate Diploma or the Gold Medallion Honors Diploma.

NKCHS Pre-IB/Honors Art/Design II
Grade: 10
Prerequisite: NKCHS Pre-IB/Honors Art/Design I

NKCHS Pre-IB/Honors Art/Design II, an extension of level I, is a one-year course designed for accelerated art students who are pursuing the International Baccalaureate Diploma or the Gold Medallion Diploma. The course evaluates the abilities of students in technical skills, work ethic, self-motivation, and literacy in art. Students prepare for Standard Level and Higher Level IB courses. Students will be introduced to self-structured studio and research work and continue with group-structured curriculum. Students who show superior ability in meeting the objectives of this level of the program will be encouraged to concentrate more time in self-structured studio and research work. Various wet media and 3-D media will be explored creating an acquisition of techniques to integrate into studio projects. Students will continue to explore and research artists and art history periods. A portfolio of work and research workbooks to document progress will be required, along with some commitment to, outside of school, preparing for examination years. Bookbinding and workbook creation will be introduced at the start of the course.

IB Visual Art SL/HL
Grades: 11-12
Prerequisites: NKCHS Pre-IB/Honors Art/Design I or II or Creative Design 1 or 2

IB Visual Art HL (2-year) and IB Visual Art SL (1-year) is an accelerated course that requires students to complete 240 hours for HL and 150 hours for SL. The course is designed for students specializing in the visual arts with creative and imaginative abilities and who may pursue the visual arts at a college or university. Course syllabus will provide requirements. Students prepare for the International Baccalaureate Higher and Standard Level exams. While in class the IB HL and SL students will discover and explore the Visual Arts in Context (artists and why they make art), Visual Arts Methods (ways of making art) and Communicating Visual Arts (ways of presenting art). Students are expected to create a digital Process Portfolio, digital Comparative Study and series of artwork based around a particular theme of choice. HL and SL “screen” requirements vary depending on the portfolio.

NKCHS Pre-IB/Honors Theatre I
Grade: 9

NKCHS Pre-IB/Honors Theatre I is a one-year course that explores the basic elements of theatre concerning stage direction, character development, dramaturgy, stagecraft, and other technical aspects. Emphasis will be on world theatre, research, and reflection. Assessments will include written and oral presentations, examinations, and projects.

NKCHS Pre-IB/Honors Theatre II
Grade: 10
Prerequisite: NKCHS Pre-IB/Honors Theatre I

NKCHS Pre-IB/Honors Theatre II is a one-year course designed to further study both performance techniques and pre-production responsibilities and techniques. Emphasis will be placed on design practices and process, the historical developments in each area, world theatre, director’s vision, journal keeping, and critical analysis of productions and texts. Techniques in acting will be reinforced through period pieces from classical and contemporary texts. Theatre in historical contexts will be studied through discussions. The class also will produce a children’s theatre production to tour throughout the district.

IB Theatre HL
Grades: 11-12
Prerequisites: NKCHS Pre-IB/Honors Theatre II

IB Theatre Arts HL is a two-year course of intensive study that prepares students for the International Baccalaureate Higher Level assessments and for further theatre studies. Students will focus on theatre in the making, theatre in performance and theatre in the world. The first year students look at divising original and
theatre practices in different cultures through masks, costumes, make-up and dance. Through both years, students will be involved in practical workshops on different theatre practitioners such as Stanislavski, Artaud, Grotowski and

Boal. The second year involves studying the development of the American musical, senior exhibition shows and preparing for internal and external assessments for the International Baccalaureate Programme.

IB Music SL
Grades: 11-12
Prerequisites: Enrollment in Band, Choir or Orchestra, or special permission from the instructor.

IB Music SL is a one-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 also respond to a listening examination paper. SL students also choose one of three options: creating (SLC), solo performing (SLS) or group performing (SLG).

Core Subjects

IB Theory of Knowledge/Research
Grades: 11-12

As one of the three core components (theory of knowledge, CAS, and the extended essay) of the IB Diploma Programme, the Theory of Knowledge (TOK) course aims to challenge students to explore and to think critically about knowledge and the process of knowing. The course centers around the question, "How do we know what we know?" It offers students an opportunity to engage in discussions that encourage them to explore the challenges and the limitations relating to knowledge and knowing. Therefore, TOK focuses not on students' acquiring new knowledge but on helping students reflect on and put into perspective the knowledge they have learned both from school and their lives outside of the academic context. Additionally, the two-year course will help students develop and utilize research skills necessary for the Extended Essay, and originate Creativity, Action, Service (CAS) project. Enrollment is limited to IB Diploma candidates.

IB Personal and Professional Skills
Grades: 11-12
Prerequisite: International Baccalaureate Career-related Certificate Candidate

Personal and Professional Skills, capstone course of the IBCP, allows the learner to synthesize the approaches to understanding gained over the course of IB study. The course is designed to help students acquire transferable skills needed to successfully navigate the 21st century through engagement with the five course themes: personal development, intercultural understanding, effective communication, thinking processes, and applied ethics. PPS aims to develop effective and lifelong learners who can adapt to diverse situations, recognize personal strengths and identify ways to overcome challenges, be aware of and respond effectively to ethical dilemmas, value diversity of culture and perspectives, and demonstrate the ten attributes of the IB Learner Profile. Additionally, the two-year course will help students develop research skills necessary for the Reflective Project, initiate Community Engagement, and create an original Language and Cultural Studies Portfolio related to the career-related study. Enrollment is limited to IBCP candidates.

Career-related Studies for the CP Programme

PLTW Biomedical Sciences

Year	Abbreviation	Course Name	Credits
1	PBS	Principles of Biomedical Science	1.0
2	HBS	Human Body Systems	1.0
3	MI	Medical Interventions	1.0
4	BI	Biomedical Innovation CAPSTONE	1.0

College Principles of Biomedical Science-PLTW
Grades: 9, 10, 11, 12

Students explore the concepts of biology and medicine at 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, 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 Human Body Systems- PLTW
Grades: 9, 10, 11, 12
Prerequisite: College Principles of Biomedical Science

Students examine the processes, structures, and interactions of the human body systems to learn how they work together to maintain homeostasis (internal balance) and good health. Using real world cases, students take the role of biomedical professionals and work together to solve medical mysteries.

College Medical Interventions- PLTW
Grades: 10, 11, 12
Prerequisite: Human Body Systems

Students will investigate the variety of medical interventions involved in the prevention, diagnosis, and treatment of diseases in humans. The medical interventions will be related to the fields of Immunology, Surgery, Genetics, Pharmacology, Medical Devices, and Diagnostics. The course will explore how to prevent and fight infection, how to screen and evaluate the code in our DNA, how to prevent, diagnose and treat cancer, and how to prevail when the organs of the body begin to fail.

College Biomedical Innovation- PLTW
Grades: 10, 11, 12
Prerequisite: College Medical Interventions

Students design innovative solutions for the health challenges of the 21st century. Students will work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. Students will also work on an independent project with a mentor or advisor from a university, hospital, research institution, or the biomedical industry.

Communications/Journalism

Year	Abbreviation	Course Name	Credits
1	J1/J1B/J1P	Journalism 1, Journalism 1 Broadcast, or Journalism 1 Photography	1.0
2	J2B/J2M/J2Y	Journalism 2 Broadcast, Journalism 2 Magazine Across Platforms, Journalism 2 Sports Broadcasting, or Journalism 2 Yearbook	1.0
3/4	J3/CI	Journalism 3 Digital Laboratory or Communications Internship	Up to 2.0

Journalism 1
Grades: 9, 10, 11

This introductory course for work in news, editorial, and feature writing, grammar, editing, design, multi-media production, as well as media law and ethics. Students entering the course should have above average writing skills. Students are not required to own a camera; the school may provide a camera. This is a preparatory course for Journalism 2 Yearbook and Journalism 2 Magazine Across Platforms.

Journalism 1 Broadcast
Grades: 9, 10, 11

This class is the introduction course to Journalism 2 Broadcast and is for students interested in learning how to produce a television broadcast. Students will learn hands-on techniques by being behind and in front of the camera, as well as editing techniques using professional grade software. It also covers media law and ethics as it applies to broadcasting. Students are not required to own a camera; the school may provide a camera. This is a preparatory course for Journalism 2 Broadcast and Journalism 2 Sports Broadcasting.

Journalism 1 Photography
Grades: 9, 10, 11

This course provides instruction in all aspects of photography in the multimedia journalism career field; students learn theories and procedures for shooting, publishing, composition, documentary photography, caption writing, layout, graphics and some story writing as well as media law and ethics in the field of journalism. Students are not required to own a camera; the school may provide a camera. This is a preparatory course for Journalism 2 level courses.

Journalism 2 Broadcast
Grades: 10, 11, 12
Prerequisite: Journalism 1 Broadcast

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.***

Journalism 2 Digital Content Creation
Grades: 10, 11, 12
Prerequisite: Journalism 1 or Journalism 1 Photography

This class publishes the school newspaper/newsmagazine (print and online publications). Students apply principles of journalism when writing news stories, features and editorials, selling ads, gathering news, conducting interviews, designing layouts, taking photos, and finding answers to the practical, legal, and ethical questions of producing student publications. Students are not required to own a camera; the school may provide a camera. ***May be repeated for credit.***

Journalism 2 Yearbook
Grades: 10, 11, 12
Prerequisite: Journalism 1 or Journalism 1 Photography

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.***

Journalism 2 Sports Broadcasting
Grades: 10, 11, 12
Prerequisite: Journalism 1 Broadcast, Journalism 2 Broadcast

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.***

Journalism 3 Digital Laboratory
Grade: 12
Prerequisite: Journalism 2 Broadcast, Journalism 2 Magazine Across Platforms, or Journalism 2 Yearbook

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.***

PLTW Computer Science

Year	Abbreviation	Course Name	Credits
1	CSE	College Computer Science Essentials	1.0
2	CSP	AP/College Computer Science Principles	1.0
3	SEC	Computer Cybersecurity	1.0
4	CSA	AP/College Computer Science A	1.0

College Computer Science Essentials-PLTW
Grades: 9, 10, 11, 12

Students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to Computer Science Principles and Computer Science A.

AP/College Computer Science Principles-PLTW
Grades: 10, 11, 12
Prerequisite: Computer Science Essentials

Using Python® as a primary tool, students explore and become inspired by career paths that utilize computing, discover tools that foster creativity and collaboration, and use what they've learned to tackle challenges like app development and simulation. *This course is endorsed by the College Board, giving students the opportunity to take the AP Computer Science Principles exam for college credit.*

College Cybersecurity-PLTW
Grade: 11, 12
Prerequisites: AP/College Computer Science Principles

Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld.

AP/College Computer Science A-PLTW
Grades: 11, 12
Prerequisite: AP/College Computer Science Principles

Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures using the Java programming langauge.

Culinary Arts

Year	Course Name	Credits
1	Foods I	0.5
2	ProStart I	1.0
3	ProStart II	1.0
4	FACS Internship	1.0

Foods for Life
Grades: 9, 10, 11, 12

Students will learn to plan, prepare, and eat a variety of foods. In this beginning comprehensive foods class, students become efficient at using basic food preparation skills. Topics include food safety, kitchen safety, sanitation, baking basics, and nutrition. Food Lab experiences allow students to practice valuable life skills, such as reading and comprehending informational text; utilizing applied math skills; applying reasoning, critical thinking, and problem-solving; demonstrating communication skills, leadership skills, and management skills. At the end of the semester, students will participate in a capstone competition project modeled after the popular TV show *Cupcake Wars*. There are also opportunities for participation in community service, student leadership, and competitive culinary events through the FCCLA (Family, Career, and Community Leaders of America) student organization.

ProStart Foods Level 1
Grades: 10, 11, 12
Prerequisite: Foods for Life (recommended C or better)

Are you interested in starting an exciting career in the restaurant and food service industry or just advancing your skills? Students will be introduced to the exciting world of culinary arts, beginning with the foundational skills for becoming a successful restaurant and food service professional. This course will focus on advanced culinary food prep skills. Topics include food and kitchen safety, sanitation, knife skills, kitchen tools and equipment; all within a commercial setting. Students will learn advanced baking skills, customer service, and restaurant management. Food Lab experiences allow students to practice valuable skills, such as reading and comprehending informational text; utilizing applied math skills; applying reasoning, critical thinking, and problem-solving skills; demonstrating communication skills, leadership skills, and management skills. Students will explore the evolution of the foodservice, hospitality, and tourism industry. At the end of the semester, students will participate in a capstone competition project modeled after the popular tv show Cake Boss. Students who pass the Level 1 end of the course exam will receive a certificate from the National Restaurant Association. Chef attire required. College credit is available through Missouri State University. Additionally, there are opportunities for participation in student leadership and competitive culinary events through the FCCLA (Family, Career, and Community Leaders of America) student organization.

ProStart Foods Level II
Grades: 11, 12
Prerequisite: ProStart Foods Level 1

Students will continue advancing management and culinary skills to toward a career in the restaurant and food service industry. This course will focus on advanced culinary food prep skills and business concepts related to the restaurant industry. Topics include advanced baking skills and cooking skills, customer service, restaurant management, and business marketing. Food Lab experiences allow students to practice valuable skills such as reading and comprehending informational text; utilizing applied math skills; applying reasoning, critical thinking, and problem-solving skills; demonstrating communication skills, leadership skills, and management skills. Upon passing the Level II end of course exam, students will receive a certificate from the National Restaurant Association. Chef attire required. College credit is available through Missouri State University.

This course is designed for students that are interested in foodservice and culinary-related careers. Students are required to participate in at least 2 real-world culinary experiences outside of the classroom, including catering and job shadowing opportunities. Students will also run a classroom-based mock restaurant business that will be open the staff and administrators. The businesses will compete in the Restaurant Rumble. There are opportunities for participation in student leadership and competitive culinary events through the FCCLA (Family, Career, and Community Leaders of America) student organization.

FACS Internship
Grades: 11, 12
Prerequisite: Successful completion of entry level FACS course and teacher approval. Transportation provided by the student.

This course is used to explore culinary arts, hospitality, fashion, clothing, interior design, housing, children, families, education, or health at a deeper lever. Students will embark on a variety of experiences that may include in-class labs, individual interest-led projects, and opportunities outside of school such as job-shadowing, internships, and more. These invaluable experiences will familiarize students with the responsibilities and rewards of their career choice. This class may be repeated for credit.

PLTW Engineering

Year	Abbreviation	Course Name	Credits
1	IED	Intro to Engineering Design	1.0
2	POE	Principles of Engineering	1.0
3	CEA	Civil Engineering & Architecture	1.0
3	DT	Digital Electronics	
4	EDD	Engineering Design & Development CAPSTONE	1.0

College Intro to Engineering Design-PLTW
Grades: 9, 10, 11, 12
Prerequisite: none

Students dig deep into the design process, applying math, science, and technology standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using hand drawn sketches, 3-D modeling software, 3-D printing, and laser engraving to customize projects.

College Principles of Engineering Design-PLTW
Grades: 9, 10, 11, 12
Prerequisite: College Intro to Engineering Design

Students explore a broad range of engineering topics, including robotics, electronics, 3-D modeling, mechanisms, structures, the stress and strain of materials, and ballistics. Students also develop professional skills such as problem solving, communication, empathy, collaboration, critical thinking, resource management, and adaptability.

College Digital Electronics-PLTW (semester course)
Grades: 11, 12
Prerequisite: College Principles in Engineering

From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electronics, circuit design, prototyping, and soldering. Students study topics such as electrical theory and logic. They use current electrical circuit design tools used in industry to hard code physical devices such as robots, computers, and breadboards.

College Civil Engineering and Architecture-PLTW (semester course)
Grades: 11, 12
Prerequisite: College Intro to Engineering Design & College Principles of Engineering

Students will explore principles including residential and commercial architecture, history, preservation, landscape architecture, planning, and urban design. In this course, students put into practice what they've learned to develop skills in freehand drawing, architectural drawing, model making, and experiment with software programs and emerging technologies. Students also work with local companies to design and implement projects around the city.

College Engineering Design and Development-PLTW
Grade: 12
Prerequisite: College Intro to Engineering Design, College Principles of Engineering and either Digital Electronics or Civil Engineering and Architecture or teacher recommendation

The knowledge and skills students acquire throughout PLTW engineering courses come together in Engineering Design and Development. Students who have previously taken at least two other PLTW engineering classes, and are current 12th graders, spend the entire school year identifying and solving a problem. During this process, a team will define a personal or world issue, research the problem, survey interested parties, design a possible solution, build/prototype, and test their finished product. Opportunities to work with professionals in that industry will be available

Creative Design

Year	Course Name	Credits
1	Creative Design I	1.0
2	Creative Design II	1.0
3	Creative Design III	1.0
4	AP Art and Design or IB Visual Art	1.0

Creative Design I
Grades: 9
Prerequisite: none

A yearlong Technical Core-Creative Design strand for beginning students in the Design, Innovation and Technology Pathway. It is a blend of existing Art I, Visual Arts Photography, and Graphic Design courses. Students in this pathway need both traditional and digital art making skills, computer and software skills using innovative tools. This jump starts students' technology and communication skills, which are essential to real-world experiences. By blending these foundational objectives, students are prepared to advance their skills leading to independent client/community projects and college credit through AP Art & Design with completion of this pathway.

Creative Design II
Grades: 10
Prerequisite: Creative Design I

This course will explore new and further develop art medias and techniques introduced in Creative Design I. Industry-based products created will include traditional, digital, and design art making techniques applied to real world client-based projects preparing students for the workforce. Concepts, design principles and techniques fundamental to all aspects of the visual arts will be emphasized through problem-based learning. Technology is infused in all aspects of art making including computers, imaging and animation software, digital drawing tablets, cameras, studio equipment, and printing capabilities. Project work will also include exploration of traditional methods and art history to create artworks for a portfolio.

Creative Design III
Grades: 11
Prerequisite: Creative Design II

A yearlong Technical Core-Creative Design strand for third-year students in the Design, Innovation and Technology Pathway. Course work will expand and further develop student's skillsets from CD1 & 2 and explore new art medias and software programs with a focus on animation and moving graphics. Industry based products created will include traditional, digital, and design art making techniques applied to real world client-based projects preparing students for the workforce. Concepts, design principles and techniques fundamental to all aspects of the visual arts will be emphasized through problem-based learning. Technology is infused in all aspects of art making including computers, imaging and animation software, digital drawing tablets, cameras, studio equipment, and printing capabilities. Project work will also include exploration of traditional methods, drawing, painting, sculpture, and art history to create artworks for a portfolio. This class is a prerequisite for AP Art & Design.

AP Art and Design
Grades: 12
Prerequisite: Creative Design III

AP Art & Design is equivalent to a college-level course. Students will create, plan, and execute a portfolio of 15 artworks based on students' sustained investigation through their essential question, a range of approaches, and selected works. Students will choose their portfolio based on their expertise including digital and traditional methods: 2-D design, Drawing, or 3-D design. Students will emphasize research, experimentation, discovery, inventive thinking and artmaking, and problem solving in your work. A qualifying portfolio score can earn college credit and/or advance.

Teaching

Year	Course Name	Credits
1	Child Development I	0.5
2	Child Development II	0.5
3	Introduction to Teaching Career Pathways for the Teaching Profession	1.0
4	FACS Internship Practicum in Teaching Pathway	1.0

Child Development I (semester course)
Grades: 9, 10, 11, 12
Prerequisite: none

Study focuses on a child's growth and development from birth to age five through work in a pre-school setting. Students plan and implement all activities for a pre-school lab that meets twice weekly, allowing for hands-on learning and lots of fun. Other areas of study include reproduction, pregnancy, labor and delivery, and parenting.

Child Development II (semester course)
Grades: 9, 10, 11, 12
Prerequisite: Recommended grade C or better in Child Development I

This class will build an understanding of children's growth and development, and a solid foundation of skills needed when interacting with children. Students learn theories of development and growth. Units of study also include adoption, childhood diseases and immunizations, special needs, establishment of routines, sibling rivalry, toy selection, and play activities. Child Development II is a good class for anyone interested in working with children or being a parent. It also is a great foundation for students interested in psychology, sociology and human development.

Introduction to Teaching
Grades: 11, 12
Prerequisite: Recommended grade C or better in Child Development II

This course is designed to explore the skills needed to become a teacher (K-12) in the 21st century. From historical contexts to communicative/social skills, students will understand the tools needed to implement state and district curriculum, lesson plan development, and developmentally appropriate practices that will build a strong foundation for future courses, both in high school and college.

FACS Teaching Internship
Grades: 11, 12
Prerequisite: Successful completion Introduction to Teaching. Transportation provided by the student.

Explore culinary arts, hospitality, fashion, clothing, interior design, housing, children, families, education, or health by spending part of your day in the work world away from school with a community professional. Working with a field site supervisor in one of these areas will familiarize you with the responsibilities and rewards of that career choice. This class may be repeated for credit.

FACS Internship
Grades: 11, 12
Prerequisite: Successful completion of entry level FACS course and teacher approval. Transportation provided by the student.

Explore culinary arts, hospitality, fashion, clothing, interior design, housing, children, families, education, or health by spending part of your day in the work world away from school with a community professional. Working with a field site supervisor in one of these areas will familiarize you with the responsibilities and rewards of that career choice. This class may be repeated for credit.

Business

Year	Course Name	Credits
1	Foundations of Business	1.0
2	Marketing Principles or Accounting I	1.0
3	Advanced Marketing or Sports Marketing or Business Communications	1.0
4	Business, Leadership, and Entrepreneurship Capstone	1.0

Foundations of Business
Grades: 9
Prerequisite: none

Exploration of the Business, Leadership and Entrepreneurship Pathway. Students will be exposed to all areas of business including Accounting, Marketing, Finance and Management. They will also begin exploration into corresponding careers within Business, Leadership and Entrepreneurship including exploration of necessary employability skills for these careers. Students will also receive instruction in areas of communication and interpersonal skills, local and global economic awareness, research skills, and business operations. Additionally, students will learn how business impacts daily life

Marketing Principles
Grades: 10
Prerequisite: None

This course develops student understanding of distribution, financing, marketing information management, pricing, product/service management, promotion, and selling. Enrollment in Marketing Internship is optional, giving students the opportunity to apply newly acquired marketing skills in the workplace while earning credit and an income. Students enrolled in Marketing Education participate in DECA, a student organization that provides opportunities for students to demonstrate their mastery of the marketing curriculum in competitive events, to develop leadership skills, and to exhibit awareness of civic responsibilities. DECA can assist students in receiving scholarships, building a successful resume, and networking with businesspeople.

Accounting I
Grades: 10
Prerequisite: None

Accounting is a class that will help any student that wishes to study business in college, operate his/her own business, or just know more about financial topics that will help throughout his/her financial life. Accounting is the language of business. Anyone planning a career/college major in any area of business should enroll in this course. This course introduces students to recording transactions from source documents, posting journal entries to ledger accounts, checking accuracy, and preparing financial statements. Students will complete both manual and computerized accounting simulations. Excel spreadsheets and/or accounting software are utilized.

Advanced Marketing
Grades: 11, 12
Prerequisite: Marketing Principles

This course develops an advanced level of understanding and skill in distribution, financing, marketing-information management, pricing, product/service management, promotion, and selling. Emphasis will be placed on the impact that customer behavior has on the implementation of marketing functions. Financial considerations as they relate to business profit will be explored. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Enrollment in Marketing Internship is optional, giving students the opportunity to apply newly acquired marketing skills in the workplace while earning credit and an income. Students will continue DECA participation.

Sports Marketing
Grades: 11, 12
Prerequisite: Marketing Principles

This is an instructional program that focuses on marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events that include videoboard graphics, website maintenance, and social media. The primary goal is to promote North Kansas City School District's high school sporting events. Students are also performing a public service to the district and its patrons via business advertising. Students completing this class will have a working knowledge of the marketing aspects of creating a sports event, including but not limited to website design and maintenance, video board graphics, social media, and fan participation. This knowledge will give students a head start for college and professional careers. There will be mandatory out of the classroom assignments including live broadcasts, social media events, and advertising campaigns.

Business Communications
Grades: 11, 12
Prerequisite: Accounting I
.

This course provides reinforcement of students' basic language arts skills (composition, grammar, spelling, punctuation, etc.) and development of essential competencies for oral and written communication in today's technological workplaces. Emphasis is placed on using the computer to compose and produce accurate and effective documents (including e-mail messages, letters, memos, reports, etc.) for personal and professional purposes. Using technology (presentation software and telecommunications) to develop oral communication skills such as making presentations, giving instructions, interviewing, and making reports in an effective manner is reinforced in this course.

International Baccalaureate Diploma Candidate Graduation Requirements

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 units of credit during grades 9-12 and meet the other listed requirements. The program consists of the following:

COURSE DESCRIPTION	UNITS REQUIRED
Language A (studies in language and literature) ➢ NKCHS Pre-IB/Honors English Language Arts I, II ➢ IB English A: Literature HL (two years) or … ➢ IB English A: Language and Literature SL or HL (two years)	4 units
Language B (language acquisition) ➢ NKCHS Pre-IB/Honors Language B (two years) ➢ IB Language B SL or HL (two years)	4 units
Individuals & Societies ➢ NKCHS Pre-IB/Honors World History ➢ NKCHS Pre-IB/Honors U.S. History II/Government ➢ IB History SL or HL (one or two years) or … ➢ IB Psychology SL or HL or … ➢ IB Social and Cultural Anthropology SL or HL	3-4 units
Experimental Sciences ➢ NKCHS Pre-IB/Honors Biology ➢ NKCHS Pre-IB/Honors Chemistry ➢ IB Biology SL or HL or … ➢ IB Chemistry SL or HL or … ➢ IB Environmental Systems and Societies SL or HL or … ➢ IB Sports, Exercise and Health Science SL	3-4 units
Mathematics ➢ NKCHS Pre-IB/Honors Geometry ➢ NKCHS Pre-IB/Honors Algebra II ➢ IB Pre-Calculus ➢ IB Mathematics: Applications and Interpretation SL or … ➢ IB Mathematics: Analysis and Approaches SL or HL	4 units
Arts & Electives ➢ NKCHS Pre-IB/Honors Art/Design I, II ➢ NCKHS Pre-IB/Honors Theatre Arts I, II ➢ IB Visual Art SL or HL. or … ➢ IB Music SL or HL or … ➢ IB Theatre SL or HL or … ➢ IB History SL or HL, Psychology SL or HL or Social and Cultural Anthropology SL or HL (as a second indiv. and societies course) or.... ➢ IB Language B SL (as a third language) or … ➢ IB Biology SL or HL, Chemistry SL or HL, or Environmental Systems and Societies SL or HL (as a second experimental science)	1.5-4 units
Theory of Knowledge	2 units
Fine Arts	1 unit
Practical Arts	1 unit
Physical Education and Health	1.5 units
Personal Finance	.5 units
TOTAL	**26+ units**

Algebra I, Geometry and Global Language I taken in middle school may count as additional units of credit.

International Baccalaureate Career-related Candidate Graduation Requirements

To graduate from the North Kansas City School District as an IB Career-related Certificate candidate, the graduate must complete a minimum of 26 units of credit during grades 9-12 and meet the other listed requirements. Students must take at least three IB Diploma courses. Course listing below will be dependent on student choice of subject area. The program consists of the following:

COURSE DESCRIPTION **Courses in BOLD indicate Diploma Program courses (at least 3 required)**	**UNITS REQUIRED**
English Language Arts or Language A (Pre-IB options) ➢ NKCHS Pre-IB/Honors English Language Arts I, II or English Language Arts I, II ➢ 2 Advanced ELA courses (Honors Comp & Lit, AP Lang or Lit, & Col English) ➢ **IB English A: Literature HL** (two years) ➢ **IB English A: Language and Literature SL or HL** (two years)	4 units
Modern Language or Language B (language acquisition) ➢ NKCHS Pre-IB/Honors Language B or language level I, II (two years) ➢ **IB Language B SL or HL** (two years)	2 units (minimum)
Social Science or Individuals & Societies ➢ NKCHS Pre-IB/Honors World History, NKCHS Pre-IB/Honors US History/Govt or US History ➢ American Citizenship/AP Government ➢ 1 elective: Social Studies ➢ **IB History SL or HL** (one or two years) ➢ **IB Psychology SL or HL** (one or two years) ➢ **IB Social and Cultural Anthropology SL or HL** (one or two years)	3-4 units
Science or Experimental Sciences ➢ NKCHS Pre-IB/Honors Biology and Chemistry or Chemistry ➢ 1 elective: Science ➢ **IB Biology SL or HL** (one or two years) ➢ **IB Chemistry SL or HL** (one or two years) ➢ **IB Environmental Systems and Societies SL or HL** (one or two years) ➢ **IB Sports, Exercise and Health Science SL** (one year)	3 units
Mathematics ➢ Algebra I ➢ NKCHS Pre-IB/Honors Geometry or Geometry ➢ NKCHS Pre-IB/Honors Algebra II or Algebra II ➢ 1 credit of additional advanced math ➢ **IB Mathematics: Applications and Interpretation SL** (two years) ➢ **IB Mathematics: Analysis and Approaches SL or HL** (two years)	4 units
Arts & Electives ➢ ELA, Global Language, Social Studies, Science, Math, Fine Art, Practical Art ➢ NKCHS Pre-IB/Honors Art/Design I, II or Pre-IB Theatre Arts I, II ➢ **IB Visual Art SL or HL** ➢ **IB Music SL or HL** ➢ **IB Theatre SL or HL** ➢ **IB History SL or HL**, **Psychology SL or HL** or **Social and Cultural Anthropology SL or HL** (as a second individuals and societies course) ➢ **IB Language B SL** (as a third language) ➢ **IB Biology SL or HL**, **Chemistry SL or HL**, or **Environmental Systems and Societies SL** (as a second experimental science)	0.5-4 units
Personal and Professional Skills	2 units
Career-related Study (career pathway)	2-4 units
Fine Arts	1 unit
Practical Arts	1 unit
Physical Education and Health	1.5 units
Personal Finance	.5 units
TOTAL	**26+ units**

Algebra I, Geometry and Global Language I taken in middle school may count as additional units of credit.

International Baccalaureate Diploma Candidate Individualized Career Plan--EXAMPLE

Name _____Graduation Year_____

Today's Date_____ Phone # _____ ID # _____

Block	9th	10th	11th	12th	Test Level (HL or SL)
1	NKCHS Pre-IB/Honors English Lang Arts I	NKCHS Pre-IB/Honors English Lang Arts II	IB English A: Lit HL	IB English A: Lit HL	HL
2	NKCHS Pre-IB/Honors Lang. B (Spanish)	NKCHS Pre-IB/Honors Lang B (Spanish)	IB Language B SL 1 (Spanish)	IB Language B SL 2 (Spanish)	SL
3	NKCHS Pre-IB/Honors World History	NKCHS Pre-IB/Honors US Hist II/Govt	IB History HL 1	IB History HL 2	HL
4	NKCHS Pre-IB/Honors Biology	NKCHS Pre-IB/Honors Chemistry	IB Biology SL	Elective	SL
5	NKCHS Pre-IB/Honors Geometry	NKCHS Pre-IB/Honors Algebra II	IB Math: Appl SL 1	IB Math: Appl SL 2	SL
6	Pre-IB Art I	Orchestra	Orchestra	Orchestra	
7	PE/Health	PE/Personal Finance	Theory of Knowledge	Theory of Knowledge	
8	Pathway Tech Core	Pathway Tech Core	IB Tech Core	IB Tech Core	HL

IB Diploma Requirements include:

- The study of six academic areas with externally graded examination scores totaling 24 points (3 HL, 3 SL exams)
- Theory of Knowledge course over grades 11 and 12
- Extended Essay (4000 words)
- Meeting Creativity, Activity, Service (CAS) learning outcomes

Student Name (Printed) _____ Student Signature _____

Parent Name (Printed) _____ Parent Signature _____

International Baccalaureate Career-related Certificate Candidate Individualized Career Plan--EXAMPLE

Name _____Graduation Year_____
Today's Date_____ Phone # _____ ID # _____

Block	9th	10th	11th	12th	Test Level (HL or SL)
1	NKCHS Pre-IB/Honors English Language Arts I	NKCHS Pre-IB/Honors English Language Arts II	IB English A: Lang and Lit HL	IB English A: Lang and Lit HL	HL
2	NKCHS Pre-IB French I	NKCHS Pre-IB French II	French III	Leadership	
3	NKCHS Pre-IB/Honors World History	NKCHS Pre-IB/Honors US Hist II/Govt	American Citizenship	IB History SL	SL
4	NKCHS Pre-IB/Honors Biology	NKCHS Pre-IB/Honors Chemistry	IB Biology SL	Physics	SL
5	Algebra	Geometry	NKCHS Pre-IB/Honors Algebra II	Pre-Calc	
6	Intro to Engineering Design	Principles of Engineering	Digital Engineering or Civil Engineering & Architecture	Engineering Design & Development	
7	Band	Band	Band	Band	
8	PE/Health	PE/Personal Finance	IB Personal and Professional Skills I	IB Personal and Professional Skills II	

IBCP Requirements include:

- The study of at least 3 diploma program courses (one that spans two years) with externally graded examination scores of at least 3 points in each course taken
- Personal and Professional Skills course over grades 11 and 12
- Reflective Project (750-3000 words)
- Meeting Community Engagement (CE) requirements
- Completion of Language and Cultural Studies Portfolio

_____ _____
Student Name (Printed) Student Signature

_____ _____
Parent Name (Printed) Parent Signature

International Baccalaureate Diploma Candidate

Individualized High School Plan

Name _____ Pathway_____ Graduation Year_____

Today's Date_____ Phone # _____ ID # _____

Block	9th	10th	11th	12th	Test Level (HL or SL)
1					
2					
3					
4					
5					
6					
7					
8					

IB Diploma Requirements include:

- The study of six academic areas with externally graded examination scores totaling 24 points (3 HL, 3 SL exams)
- Theory of Knowledge course over grades 11 and 12
- Extended Essay (4000 words)
- Meeting the Creativity, Activity, Service (CAS) learning outcomes

MIDDLE SCHOOL

ATTENDANCE AREA HS

Student Name (Printed)

Student Signature

Parent Name (Printed)

Parent Signature

International Baccalaureate Career-related Certificate Candidate

Individualized High School Plan

Name _____ Pathway_____ Graduation Year_____

Today's Date_____ Phone # _____ ID # _____

Block	9th	10th	11th	12th	Test Level (HL or SL)
1					
2					
3					
4					
5					
6					
7					
8					

IBCP Requirements include:

- The study of at least 3 diploma program courses (one that spans two years) with externally graded examination scores of at least 3 points in each course taken
- Personal and Professional Skills course over grades 11 and 12
- Reflective Project (750-3000 words)
- Meeting Community Engagement (CE) requirements
- Completion of Language and Cultural Studies Portfolio

MIDDLE SCHOOL _____ ATTENDANCE AREA HS _____

Student Name (Printed) _____ Student Signature _____

Parent Name (Printed) _____ Parent Signature _____