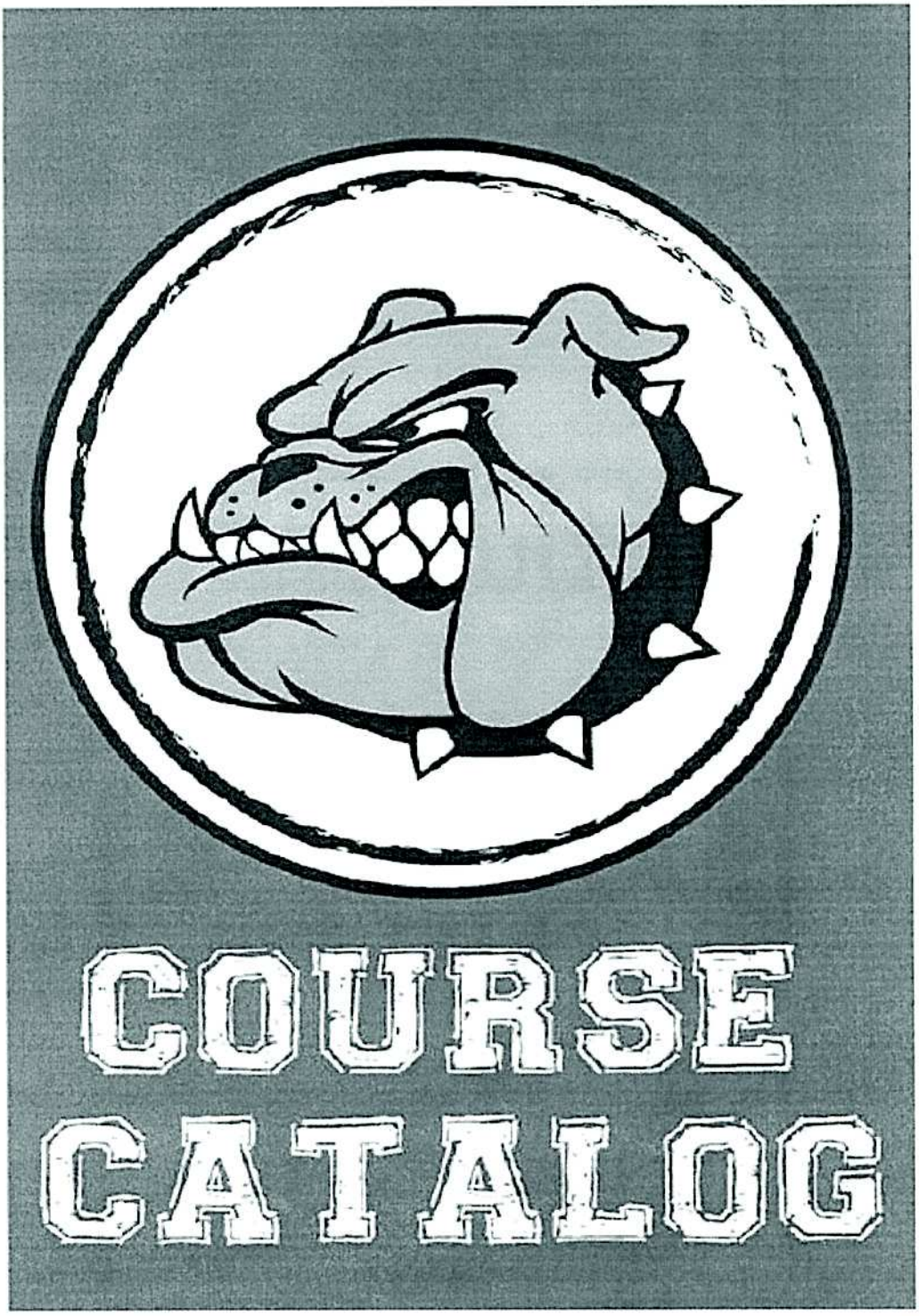
FRESHMAN GUIDE

CNHS



2019-2020

ENGLISH

The freshman year in English includes a study of various literary genres: short stories, poems, novellas, plays and novels. Freshmen students study grammar to learn how to use correct structure in writing. All classes meet the state standards and study much of the same literature. **Your 8th grade English teacher will recommend the correct class for you.**

YR		English 9 College Prep	012021	012022	Students who plan to attend college and have passed the ISTEP+ English exam should choose this level.
YR		English 9 Accelerated (Honors)	012001	012002	Students who read and write well and seek advanced study in language arts should choose this level. This class covers more material, moves at a faster pace and goes into greater depth of study and prepares students for AP English in grades 11 and 12.
YR		English 9 (S)	014041	014042	This level focuses more directly on basic skills. Students who did not pass the ISTEP+ English exam should choose this level.
YR		English 9 (S) Level 5	015051	015052	Students need a recommendation from the teacher of record to take this course.
YR		ENL 1	016011	016012	For students whose English language proficiency is rated at a level one or level two. 8th grade ESL teacher must recommend this course.

MATHEMATICS

Students are required to take a math or quantitative reasoning course **each year of high school.** The purpose of offering Algebra 1 in 8th grade is so that students can take advanced math courses during their senior year. Students performing poorly in Algebra 1 in grade 8 are strongly encouraged to retake the course during their freshman year.

Your 8th grade math teacher will recommend the correct class for you.

		Algebra 1	113011	113012	This is the first math course of a Core 40 diploma.
YR	X	Algebra Lab	110011	110012	Students who have struggled with math in the past can take the Algebra Lab class in addition to Algebra 1 to get additional support.
YR	X	Geometry/Algebra 2 Block (2 periods)	11313	11312	This two period class requires strong math skills and a recommendation from your 8th grade math teacher. The course provides an option for students who want to "double up" in math in order to take more advanced math during grade 12.
YR	X	Geometry A - Deductive	113021	113022	This course is for students who have completed Algebra I in middle school.
YR	X	Geometry (Honors)	115251	115252	This course is for students who have completed Algebra I in middle school and are ready for a challenging geometry course that moves at a fast pace.
YR	X	Algebra 2A	113031	113032	This course is for students who complete both Algebra 1 and Geometry in middle school.
YR	X	Algebra 2 (Honors)	115151	115152	This is a faster paced and more challenging course for students who excel in both Algebra I and Geometry in middle school.
YR	X	AP Computer Science Principles	16111	16112	This course introduces students to the essential ideas of computer science with a focus on how computing can impact the world. Students must earn a C or better in Algebra 1 before taking this class. This is an elective course.

SCIENCE

Students must take three years of science to earn a high school diploma. This includes one year of Biology and one year of either Chemistry or Physics, or Integrated Chemistry/Physics (ICP). The purpose of offering Biology in 8th grade is so that students can take advanced science courses. Students performing poorly in Biology in grade 8 are strongly encouraged to retake the course during their freshman year. **Your Science teacher will recommend the correct class for you.**

YR		Biology 1	214011	214012	All students must earn two credits in Biology in middle school or high school to earn a high school diploma. Biology is the study of the natural world and the living organisms within it.
YR	X	Chemistry 1	224011	224012	8th graders currently enrolled in Biology should enroll in Chemistry for grade 9.
YR		Integrated Chem/Physics	234011	234012	Students explore the basic principles of Chemistry and Physics. Students who struggle with 8th grade science standards should consider taking ICP before the biology course.
YR	X	Physics	241111	241112	Students who are currently taking Biology may choose to take Physics in 9th grade. This class is for students who do NOT plan to major in science of engineering in college. Students will learn about topics such as Newton's laws, gravity, momentum and rotational mechanics.
YR	X	AP Physics 1	243201	243202	This is a class for students who are currently enrolled in Biology and Geometry (or beyond). This class is more mathematical in nature than Physics 1 and moves at a faster pace.

"X" means the course has a prerequisite

"YR" means the course is a year long.

"S" means the course is a semester long.

SOCIAL STUDIES

Students must take World History and Civilization OR Geography and History of the World during grade 9 or 10. **Ask your Social Studies teacher to recommend a class for you.**

YR		World History and Civilization	311011	311012	Common topics studied include world religions, types of government, war and peace, and the rise and fall of societies since early times. This course will focus on early civilizations, classical civilizations, and the development of modern nations.
YR		Geography & History of World	311021	311022	Students will learn how to use a geographic way of looking at the world. Major themes include the study of world religions and exploration and conquest. Imperialism, innovations, and revolutions will also be taught.

HEALTH & PE

Students must take PE Team, PE Individual, and Health Education to earn a diploma. Each of these is a one semester class.

S		PE Individual	71101		This one semester course provides students with the opportunity to achieve and maintain a health-enhancing level of physical fitness and increase knowledge of fitness concepts. Swimming is part of this curriculum.
S		PE Team	71102		This one semester course places an emphasis on health-related fitness, skills, and habits necessary for a lifetime of activity. An emphasis is placed on team sports. Swimming is part of this curriculum.
S		Health	74301		A one semester course focusing on concepts, skills, behaviors, and attitudes related to health and well being.
S	X	PE (Waiver) Option	71201	71202	Those eligible will complete the course through online activities. PE Waiver Option Semester 1 is open to students involved in fall sports or marching band at CNHS: football, cross country, boys' tennis, volleyball, girl's golf, soccer, football cheerleading, and color guard. An application is required and due in August, 2015. PE Waiver Option Semester 2 is open to students involved in winter or spring sports at CNHS: gymnastics, basketball, wrestling, track, boys' golf, girls' tennis, basketball cheerleading, and Debs/Music Men. An application is required and due in January, 2016.

ELECTIVES

WORLD LANGUAGE

The purpose of offering World Language in 8th grade is so that students can take advanced courses. Students performing poorly in World Language in grade 8 are strongly encouraged to retake the course during their freshman year.

YR		French 1	611011	611012	All areas of study in World Language are taught at a college prep level. World Language is NOT required for graduation, but is required for students seeking an Academic Honors Diploma.
YR	X	French 2	612021	612022	
YR	X	French 3	613021	613022	
YR		German 1	621011	621012	
YR		Japanese 1	631011	631012	
YR		Spanish 1	641011	641012	
YR	X	Spanish 2	642021	642022	
YR	X	Spanish 3	643031	643032	
YR		Chinese 1	652011	652012	

JOURNALISM

Students interested in becoming part of the student publications staff for Log, The Triangle, or News/CNHS Media must first take one of the beginning journalism courses listed below. Students interested in Bull Dog News Network (BNN) should take Design Fundamentals or Photojournalism.

YR		Journalism - Beg Pub	061111	061112	Learn to write, design, or take photos for North's award-winning newspaper, yearbook, or other media.
YR		Photojournalism	061211	061212	Students in this class must have their own digital camera.
YR		Design Fundamentals		T52111	Students will apply design theory, ideas, and problem solving in areas of communication technology. Students interested in BNN, Computer Graphics, or 3D Graphics in the future should take this course. Found under C4 Electives.

VISUAL ARTS

All visual art classes are one semester in length. Level one must be completed before a level two class is taken during semester two.

S		Art History (Art Appreciation)	40000		Learn chronological history of painting, sculpture and architecture.
S		Ceramics & Sculpture 1 (sem 1)	40001		Ceramic art is a term used to describe decorative objects made out of clay or similar natural materials. Ceramics includes a process of glazing objects and firing them in a kiln.
S	X	Ceramics & Sculpture 2 (sem 2)		40002	
S		Jewelry and Glass I (sem 1)	40051		Learn the basics of and design jewelry.
S	X	Jewelry and Glass II (sem 2)		40052	
S		Drawing & Painting 1 (sem 1)	40041		Students will build skills in drawing, painting and design.
S	X	Drawing & Painting 2 (sem 2)		40042	

MUSIC

Our music directors are happy to answer any of your questions. For questions about vocal music, contact Mrs. Janie Gordon at: gordonj@bcsc.k12.in.us. For questions about instrumental music, contact Mr. Bill Stultz at: stultzw@bcsc.k12.in.us .

YR		Concert Choir	410011	410012	Students must audition for this choir. Auditions are held after school on Tuesday, March 10, 2015 in the North Choir Room.
YR		Festival Chorus	410101	410102	This choir is open to any beginner or intermediate singer.
YR		Concert March	420031	420032	Students must have previous instrumental experience. Students will perform at contests, festivals, parades, and varsity football games. Students are required to participate in outside rehearsals and performances.
YR		Piano & Music Fundamentals		41000	Students will learn notes, rhythms, musical terms and vocabulary while also learning ot play the piano. This course is for beginning piano students only.
YR		String Orchestra	420211	420212	Students must have prior experience on violin, viola, cello, or string base.
YR		Jazz Ensemble - JV	423211	423212	Students in JV Jazz must also be enrolled in another band class.
YR	X	Percussion Ensemble/Concert March	42004	420032	All percussion students from the band will be in this class. Students will participate in all outside rehearsals and performances. Students will join Concert March for semester two.
S	X	Dance Comp (sem 1)	44002		Open to students interested in performing in the Color Guard with the marching band. Students will participate in all outside rehearsals and performances.

BUSINESS

All of the business classes listed below are one semester in length. Preparing for College & Careers is a required course for all freshmen.

YR		Preparing for College and Careers	T1000		This one semester course is **required** for graduation. Topics to be addressed include life and career skills, higher order thinking, communication, leadership, personal finances, interests, values, and goals. Students will use NAVIANCE in this class.
S		Intro to Business 1 (sem 1)	T1011		This is a beginning course for students who might be interested in business as a career.
S	X	Intro to Business 2 (sem 2)		T1021	
S		Digital App & Repsonsibilities (sem 1)	T1111		This course provides the student an opportunity to become proficient in the Microsoft software programs that include: Word, Excel, and PowerPoint. Level 2 includes Access and deeper understanding of the software programs.
S	X	Digital App & Repsonsibilities (sem 2)		T1121	



C4 AREA CAREER CONNECTION

AGRICULTURAL SCIENCE & BUSINESS CLUSTER				
YR		Intro Agriculture Food & Natural Resources (1pd class/1pd travel)	T50011	Students will complete projects and learning activities that focus on hands on real life situations in the study of: animals, plants, soil, food, horticultural sciences.
S		Natural Resources (1pd class/1pd travel)	T50041	Students are introduced to the following areas of natural resources: soils, the water cycle, air quality, outdoor recreation, forestry, rangelands, wetlands, animal wildlife and safety.
YR		Horticulture Science	T50031	Students will explore the life cycle of plants.
COMMUNICATIONS CLUSTER				
YR		Design Fundamentals	T52111	Students will apply design theory, ideas, and problem solving in areas of communication technology. Students interested in BNN, Computer Graphics, or 3D Graphics in the future should take this course.
COMPUTER TECHNOLOGY CLUSTER				
YR		Computer Tech Support	T53111	Allows students to explore how computers work. Students can earn industry based certification.
CONSTRUCTION ENGINEERING TECHNOLOGY CLUSTER				
YR		Civin Engineering and Architecture	T54011	Allows students to use software to design, simulate, and evaluate the construction of buildings and communities.
YR		Introduction to Construct.	T54111	This course offers hands-on activities and real world experiences related to the skills essential in residential, commercial and civil building construction.
ENGINEERING MANUFACTURING TECHNOLOGY CLUSTER				
YR		PLTW: Intro to Engineering Design	155071	Students interested in learning more about Engineering should take this course. This course must be completed before taking any of the five additional engineering courses available to upper classmen.
YR		Introduction to Manufacturing	T55511	Students will study six major types of processes: casting and molding, forming, separating, conditioning, finishing, and assembling.
YR		Computers in Design/Prod	T55501	Emphasis is placed on using modern technologies and on developing career related skills for electronics, manufacturing, precision machining, welding, and architecture career pathways.
HEALTH SCIENCES CLUSTER				
YR		PLTW: Principles of Biomedical Sciences	T56101	Students must be enrolled in biology in grade 9 or have earned biology credit in grade 8. Students explore the concepts of human medicine and are introduced to research processes, using applied math and science to solve problems. This course is a Core 40 Science class.
HUMAN SERVICES CLUSTER				
S		Interpersonal Relationships	T57321	Designed for teens that would like a better understanding of human behavior through knowing themselves as individuals, topics include communication skills, career goals, self-esteem, relationships, values clarification, and conflict resolution.
YR		Child Development/Advanced Child Development	T57331	This course includes the study of prenatal development and birth; growth and development of children; child care giving and nurturing; and support systems for caregivers.
S		Nutrition and Wellness	T57371	
YR		Sports Nutrition and Wellness	T57391	Provides and extensive study of nutrition designed to benefit the nutritional needs for all students, but especially athletes.
S		Intro to Fashion & Textiles	T57701	This is an introductory course for those students interested in learning about the fasion, textile and apparel industry.
S		Intro to Housing and Design	T57361	This is a hands-on course designed for students intersted in exploring and learning about interiors and housing styles.
YR		Intro to Culinary Arts/Hospitality Management	T57210	This course is for students with an interest in careers related to Culinary Arts, Hospitality, and Tourism.
TRANSPORTATION CLUSTER				
YR		Intro to Transportation	T55031	This is an introductory course designed to help students become ready for the Automotive Services Technology classes. Students become familiar with modes of land, sea, air, and space transportation, including basic mechanical skills and processes involved in transportation of people, cargo and goods.

"X" means the course has a prerequisite

"YR" means the course is a year long.

"S" means the course is a semester long.