

North High Enrollment Selections



**2020-2021
Wichita High School North**

Graduation Course Requirements

23 credits for graduation from Wichita Public Schools #259

English – 4 credits
Math – 3 credits
Science – 3 credits
Social Studies – 3 credits
Physical Education – 1 credit
Fine Arts – 1 credit
CTE--.5 credit
Financial Literacy--.5 credit
Electives – 7 credits

Kansas Board of Regents Qualified Admissions

English – 4 credits
Social Studies – 3 credits
Math – 3 credits (minimum of 22 on ACT sub-score or 4 math credits)
Science – 3 credits (at least 1 in Chemistry or Physics)

Kansas Scholarships in addition to Qualified Admissions Curriculum

Math – 1 additional credit
Science – students must complete Biology, Chemistry, and Physics
Foreign Language – 2 credits in one foreign language

Athletes

NCAA Eligibility Core Requirements: 16 Core-Course Rule

English – 4 credits
Math – 3 credits
Science – 2 credits
1 additional year of English, Math, or Science
Social Studies – 2 credits
4 years of additional core courses
(from any area listed above)

Concurrent College Credit

Students may enroll in high school classes for concurrent credit from local colleges. This credit is offered at a reduced rate compared to current college credit rates. Requirements may vary based on the content and colleges from which they are offered. Individual teachers will explain expectations in the classroom. If students cannot meet requirements for the college credit; the students can still earn the high school credit.

Classes for concurrent credit are marked with (CC) on the class lists.

Wichita High School North Enrollment Policies

North High students are urged to enroll in a rigorous and challenging program of study. Students are expected to choose their classes carefully. When selecting a yearlong class that means they are expected to remain in their chosen classes for both fall and spring semesters. Students will not be permitted to initiate a schedule change. Schedule changes will only be granted for the following reasons:

- *Course is incorrectly sequenced or student does not meet the prerequisite
- *Student lacks a class needed for graduation
- *Duplication of a course
- *Request of an administrator

Sophomores, juniors, or seniors cannot make up failed English I, II, or III or a failed World History, History I or II class during regular class time.

Students who have a failing grade (F) in one of the above courses must make up credits in summer school or the learning center.

Seniors must complete all requirements by the last day of classes in order to participate in commencement exercises.

Additional Information

All students who wish to accept the challenge of AP or PreAP (honors level) courses are encouraged to enroll in these classes. **Students and parents should be aware of the rigor in these courses so that they can make informed decisions regarding course selection. Of course, there is an increase in the amount of course work with the upper level classes.** It is our philosophy at Wichita High School North to allow open access to these demanding courses to any student. This philosophy can be seen in the absence of prerequisites, application process or teacher approval/ requirements for AP classes.

English

Course Number		Course Title	Grade level				Credit
1 st semester	2 nd semester		9	10	11	12	
1211	1212	English 1	x				1
1213	1214	Honors English 1	x				1
1221	1222	English 2		x			1
1223	1224	Honors English 2		x			1
1231	1232	English 3			x		1
1233	1234	Honors English 3			x		1
1161	1162	AP Language & Composition (CC)			x		1
1561	1562	English 4				x	1
1153	1154	Honors English 4				x	1
1201	1202	AP Literature & Composition (CC)				x	1

English Electives

Course Number		Course Title	Grade level				Credit
1 st semester	2 nd semester		9	10	11	12	
1731		Speech (CC)			x	x	.5
1540	1541	Creative Writing 1/2		x	x	x	1
9115	9116	Leadership Skills	x	x	x	x	1

Math

Course Number		Course Title	Grade level				Credit
1 st semester	2 nd semester		9	10	11	12	
2015	2016	Foundations in Algebra	x				1
2111	2112	Algebra 1	x	x	x	x	1
9145	9146	Algebra 1- Lab	x	x	x	x	1
2421	2422	Geometry	x	x	x	x	1
9257	9258	Geometry- Lab		x	x	x	1
2143	2144	Intermediate Algebra			x	x	1
2154	2155	Math Applications				x	1
2121	2122	Algebra 2	x	x	x	x	1
2135	2136	Algebra 2 Honors	x	x	x	x	1
2021	2022	Algebra 3 (College Algebra) (CC)			x	x	1
2151	2152	Precalculus /Trigonometry (CC)			x	x	1
2248	2249	AP Calculus (CC)			x	x	1
2238	2239	AP Statistics (CC)			x	x	1

Science

Course Number		Course Title	Grade level				Credit
1 st semester	2 nd semester		9	10	11	12	
4251	4252	Biology	x	x	x	x	1
4253	4254	Honors Biology	x	x	x	x	1
4811	4812	Physical Science		x	x	x	1
4321	4322	Chemistry		x	x	x	1
4323	4324	Honors Chemistry (CC)		x	x	x	1
4801	4802	Physics		x	x	x	1
4783	4784	Honors Physics			x	x	1
4803	4804	AP Physics 1			x	x	1
4899	4900	AP Physics 2				x	1

Science Electives

Course Number		Course Title	Grade level				Credit
1 st semester	2 nd semester		9	10	11	12	
7041	7042	Introduction to Engineering Design	x	x	x	x	1
7251F	7252F	Principles of Applied Engineering (Pre-Req: Intro to Engineering Design)		x	x	x	1
7043	7044	Engineering Design & Development				x	1
4961	4962	Field Ecology (Pre-Req: Biology)			x	x	1
4951	4952	Zoology (Pre-Req: Biology)		x	x	x	1
4821	4822	Anatomy & Physiology (Pre-Req: Biology)		x	x	x	1

Bio-Med (Application Required)

Apply at www.northbiomed.com or see Ms. Lawrie in F209

Course Number		Course Title	Grade level				Credit	CTE
1 st semester	2 nd semester		9	10	11	12		
4048	4049	BioMed Honors Biology	x				1	
7117	7118	Principles of Biomedical Sciences	x				1	
4046	4047	BioMed Honors Chemistry (CC)		x			1	
7119	7120	Human Body Systems		x			1	
4052	4053	BioMed Anatomy & Physiology (CC)			x		1	
7123	7124	Medical Interventions			x		1	
4056L		Medical Terminology (CC)				x	.5	x
7125	7126	Biomedical Innovations				x	1	x
4075L		Phlebotomy Tech (CC)				x	.5	x
4074L		Certified Nurse Assistant (CC)				x	.5	x
4084L		EKG Tech (CC)				x	.5	x
4073L		Certified Medical Aide (CC)				x	.5	x
4076L		Home Health Aide (CC)				x	.5	x
4077L		Pharmacology (CC)				x	.5	x
7356L	7357L	EMT (CC)				x	1	x
4066	4067	Health Career Exploration (CC)				x	1	x
4051L		Special Health Science Topics 1 (Only with approval from Ms. Lawrie)				x	1	x
4057L	4058L	Special Health Science Topics 2 (Only with approval from Ms. Lawrie)				x	1	x

Social Studies

Course Number		Course Title	Grade level				Credit
1 st semester	2 nd semester		9	10	11	12	
3451	3452	World History	x				1
3453	3454	Honors World History	x				1
3361	3362	US History 1		x			1
3363	3364	Honors US History 1 (CC)		x			1
3641	3642	US History 2			x		1
3643	3644	Honors US History 2			x		1
3647	3648	AP US History 2 (CC)			x		1
3350		Government				x	.5
3353	3354	AP Government				x	1

Social Studies Electives

Course Number		Course Title	Grade level				Credit
1 st semester	2 nd semester		9	10	11	12	
3700		Psychology			x	x	.5
3712	3713	AP Psychology (CC)			x	x	1
3800		Sociology			x	x	.5
3985	3986	Exploring Social Justice			x	x	1
3316		Global Conflicts (Special Project)		x	x	x	.5

AVID

Course Number		Course Title	Grade level				Prerequisite	Credit
1 st semester	2 nd semester		9	10	11	12		
9021	9022	AVID 1	x				1	
9031	9032	AVID 2		x			* 1	
9035	9036	AVID 3			x		* 1	
9045	9046	AVID 4				x	* 1	

JROTC

Course Number		Course Title	Grade level				Prerequisite	Credit
1 st semester	2 nd semester		9	10	11	12		
9221	9222	JROTC 1	x	x	x	x		1
9223	9224	JROTC 2		x	x	x	*	1
9225	9226	JROTC 3			x	x	*	1
9227	9228	JROTC 4				x	*	1

PHYSICAL EDUCATION

Course Number		Course Title	Grade level				Prerequisite	Credit
1 st semester	2 nd semester		9	10	11	12		
8748	8749	PE & Health Foundations	x	x	x	x		1
9207	9208	Lifetime Sports		x	x	x	*	1
9203	9204	Aerobics & Fitness		x	x	x	*	1
9213	9214	Weight Training & Conditioning		x	x	x	*	1
		Advanced Weight Tr. & Cond			x	x	*	1

FOREIGN LANGUAGE DEPARTMENT

Course Number		Course Title	Grade level				Prerequisite	Credit
1 st semester	2 nd semester		9	10	11	12		
5411	5412	Spanish 1	x	x	x	x		1
5421	5422	Spanish 2	x	x	x	x	*	1
5431	5432	Spanish 3		x	x	x	*	1
5485	5486	Spanish for Native Speakers 1	x	x	x	x		1
5487	5488	Spanish for Native Speakers 2		x	x	x	*	1
5441	5442	Spanish 4			x	x	*	1
5429	5430	AP Spanish (CC)			x	x	*	1
5201	5202	German 1	x	x	x	x		1
5211	5212	German 2		x	x	x	*	1
5221	5222	German 3			x	x	*	1
5231	5232	German 4				x	*	1
5663	5664	Chinese 1	x	x	x	x		1
5665	5666	Chinese 2		x	x	x	*	1
5651	5652	Chinese 3			x	x	*	1
5653	5654	Chinese 4				x	*	1

PERFORMING ARTS DEPARTMENT

Course Number		Course Title	Grade level				Prerequisite	Credit
1 st semester	2 nd semester		9	10	11	12		
1111	1112	Drama 1	x	x	x	x		1
1121	1122	Drama 2		x	x	x	*	1
1131	1132	Drama 3			x	x	*	1
1141	1142	Drama 4				x	*	1
1145	1146	Repertory Theatre			x	x	*	1
1751	1752	Stagecraft 1		x	x	x		1
1753	1754	Stagecraft 2			x	x	*	1
1813	1814	Film Studies 1		x	x	x		1
8640	8641	Music Appreciation	x	x	x	x		1
8511	8512	Band 2	x				*	1
8506	8507	Band 3		x	x	x	*	1
8731	8732	Orchestra 2	x	x			*	1
8721	8722	Orchestra 3			x	x	*	1
8587	8588	Jazz Band		x	x	x	*	1
8547	8548	Tenor/Bass (Lower Voice)	x	x	x	x		1
8539	8540	Treble 1 (Higher Voice)	x	x	x	x		1
8567	8568	Treble 3 (Approval Only)		x	x	x	*	1
8549	8550	Concert Choir (Approval Only)		x	x	x	*	1
8594	8585	Madrigal Singers (Approval Only)		x	x	x	*	1
8686	8687	Performing Arts College Prep			x	x		1

VISUAL ARTS DEPARTMENT

Course Number		Course Title	Grade level				Prerequisite	Credit
1 st semester	2 nd semester		9	10	11	12		
8201	8202	Introduction to Art	x	x	x	x		1
		*Can be taken as Full Year or Individual Semesters						
8251	8252	Drawing & Painting 1	x	x	x	x		1
8261	8262	Drawing & Painting 2		x	x	x	*	1
8173	8174	Drawing & Painting 3			x	x	*	1
8119	8120	Sculpture 1	x	x	x	x		1
8191	8192	Sculpture 2		x	x	x	*	1
8193	8194	Sculpture 3			x	x	*	1
8311	8312	Ceramics & Pottery 1	x	x	x	x		1
8321	8322	Ceramics & Pottery 2		x	x	x	*	1
8323	8324	Ceramics & Pottery 3			x	x	*	1
8010	8011	Art History	x	x	x	x		1
8007	8008	AP Art History (CC)			x	x		1
8055	8056	AP Studio Art (CC)			x	x	*	1
8381	8382	Special Art Production *	x	x	x	x		1

* Instructor approval required

CTE Electives

Business Department

Course Number		Course Title	Grade level				Prereq.	Credit
1 st semester	2 nd semester		9	10	11	12		
6013	6014	Accounting		x	x	x		1
5793		Animation	x	x	x	x		.5
6705		Business Communications		x	x	x		.5
6720		Business Essentials	x	x	x	x		.5
6170		Business Law		x	x	x		.5
6706		Business Management		x	x	x		.5
5735		Computer Essentials	x	x	x	x		1
5741	5742	Computer Graphics 1/2	x	x	x	x		1
5747	5748	Computer Programming	x	x	x	x	*	1
		(PreReq: Algebra 1)						
7610F		Financial Literacy (Graduation Req.)			x	x		.5
6521		Investing			x	x	*	.5
6611	6612	Principles of Marketing		x	x	x		1
6629	6630	Marketing Applications			x	x		1
6173		Practical Law	x	x	x	x		.5
6801		Sports & Ent. Marketing		x	x	x		.5
7601	7602	Teaching as a Career		x	x	x		1
7603	7604	Teaching Internship			x	x		1
7628	7629	Teaching Observation				x		1
6743		Web Page Design		x	x	x		.5
3571	3518	Youth Court			x	x		1
6888	6889	Youth Entrepreneurs		x	x	x		1

Family & Consumer Science Department

Course Number		Course Title	Grade level				Prereq.	Credit
1 st semester	2 nd semester		9	10	11	12		
7605		Career & Life Planning	x	x	x	x		1
7633		Community Connections			x	x		.5
6732		Culinary Essentials	x	x	x	x		1
6729		Baking & Pastry 1	x	x	x	x	*	1
6730		Baking & Pastry 2		x	x	x	*	1
6727	6728	Culinary Arts 1		x	x	x	*	1
6725	6726	Culinary Applications			x	x	*	1
5752F	5749T	Essentials Interior Textile Design (CC)	x	x	x	x		
5789F	5790F	Interior Textile Design Studio (CC)			x	x	*	1
5833F		Apparel Production 1	x	x	x	x		.5
5834F		Apparel Production 2	x	x	x	x		.5
6651F		Fashion Trends	x	x	x	x	*	.5
7820		Family Studies	x	x	x	x		.5
7823		Nutrition & Wellness	x	x	x	x		.5
7600		Parent/Child Development	x	x	x	x		.5
7900		World of Children	x	x	x	x		.5
7611	7612	Early Childhood Education Foundations*			x	x	*	1
7613	7614	Early Childhood Education Lab *			x	x	*	1

Technology Education

Course Number		Course Title	Grade level				Prereq.	Credit
1 st semester	2 nd semester		9	10	11	12		
7241	7219	Intro to Transportation	x				.5	
		Alternative Power 1	x				.5	
7233	7234	General Service 1		x	x	x	1	
7237	7238	General Service 2			x	x	* 1	
7239	7240	General Service 3				x	* 1	
7232		Engine Machine Repair			x	x	* .5	
7470L	7423L	Intro to Industrial Tech.	x	x	x	x	.5	
		Product. Blueprint Reading	x	x	x	x	.5	
7157F	7143F	Hand and Power Tools	x	x	x	x	.5	
		Aviation Fundamentals	x	x	x	x	.5	
7517F	7518F	Production Welding Process		x	x	x	1	
7411F	7412F	Mass Production 1			x	x	* 1	
7421F	7422F	Mass Production 2				x	* 1	
5715	5778	Photo Imaging	x	x	x	x	.5	
		Principles of Illustration	x	x	x	x	.5	
5781	5782	Graphic Design		x	x	x	* 1	
8131	8132	Creative Photography 1	x	x	x	x	1	
5711		21 st Century Journalism	x	x	x	x	.5	
5712		Fund of Graphic Design	x	x	x	x	* .5	
5744		Audio/Visual Production	x	x	x	x	* .5	
*Students who take 21 st Century Journalism are required to enroll in either Fund of Graphic Design or Audio/Visual Production for the following semester.								
5725	5726	Digital Video Production		x	x	x	* 1	
5713	5713T	Digital Media Technology		x	x	x	* 1	
7253F	7254F	Digital Media Project Management			x	x	* 1	

Course Prerequisite & Description Guide

21st Century Journalism (5711) – 21st Century Journalism is a technical level course in the Communications strand of the A/V Communications Pathway. It promotes the development of the skill set needed today and in the future in the field of journalism. Topics include an exploration of the role media and the communications industry has in society, the development of the technical skills related to journalistic writing and interviewing, as well as the ethical and legal issues related to the field.

Advanced Weight Training & Conditioning (_____) – Advanced Weight Training should be taken by students who have successfully taken and pass weight training and conditioning, or students who have a background and experience in lifting weights.

Accounting (6013/6014) – Accounting is a technical level course in the Business Entrepreneurship & Management and Business Finance pathways, and the Marketing Management strand of the Marketing pathway. It introduces the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are used.

Aerobics & Fitness (9203/9204) – An elective activity class in which the emphasis is on physical conditioning. The exercises may include aerobic dance, flexibility, jog/walking, fitness measurement and weight training as per class decision.

Alternative Power (7219) – It is designed to provide students with basic theories and information needed to develop an understanding of alternative power used in transportation.

Anatomy & Physiology (4821/4822) – Prerequisite: Biology. Anatomy and Physiology is a technical level course in the Health Science pathway. Students will study the structure, systems and functions of the human body. Students will learn to study bone and other organ tissues through hands-on dissection and with microscopes. This course also contains topics related to disease and disease prevention.

Animation (5793) – Prerequisite: Computer Graphics. Animation is a technical level course in the Web & Digital Communications pathway. This course emphasizes the development of digitally generated and/or computer enhanced media, including 2D and 3D spatial elements, graphic representation, management of movement, environmental representation (Including texture, color, value, form, line, and space), recording media, and distribution tools and methodologies..

AP Art History (8007/8008) – Designed to parallel college-level Art History courses. AP Art History provides the opportunity for students to critically examine architecture, sculpture, painting, and other art forms within their historical and cultural contexts. In covering the art of several centuries (not necessarily in chronological order), students learn to identify different styles, techniques, media, and influences and to formulate and articulate their reactions to various kinds of artwork.

AP Calculus (2248/2249) – University-level topics of limits, differentiation and integration of algebraic, trigonometric, exponential and logarithmic functions and their applications will be the focus of instruction.

AP Government (3353/3354) – College level class that will focus on the federal level of the American political system. The range of resources will be expanded to accommodate higher levels of instruction as would be encountered in a college course.

AP Language (1161/1162) – College level class that requires students to become skilled readers of prose written in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes.

AP Literature (1201/1202) - College level class that engages students in the careful reading and critical analysis of imaginative literature. Through reading students will consider a work's structure, style and themes, as well as literary elements.

AP Physics 1 (4803/4804) – Prerequisite: Algebra 2. This course is equivalent to a first-year, college physics course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, power; mechanical waves and sound; and an introduction to electric circuits.

AP Physics 2 (4899/4900) – Prerequisite: AP Physics 1. This course is equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, atomic and nuclear physics.

AP Psychology (3712/3713) – In this course, students will study the mind, consciousness, and behavior. Students will learn and apply basic theories of psychology, study the nervous system, psychobiology, perception, and personality. Emphasis is placed on the importance of the experimental method in relation to the study of psychology. Students will write and perform approved experiments in social perception.

AP Spanish (5429/5430) – Prerequisite: Spanish 4. This course is intended for students with expectations of becoming proficient in Spanish. This course is designed to parallel a fifth semester college level language course. In order to develop good language skills, an integrated approach to language learning will be the focus. All course material will include authentic sources. The use of Spanish language newspapers, radio broadcasts, video clips and literary works will form the foundation of the course. Language and culture will be taught simultaneously with these materials. Students will be asked to prepare oral presentations, work on individual and group projects, and research a variety of selected topics.

AP Statistics (2238/2239) – Prerequisite: Algebra 2. Students will study methods of gathering and interpreting data. Applications of statistics to business, social sciences, games and health are explored. Mathematics skills will be reinforced and tools of technology will be used to analyze data, probability, simulation, and statistical inference.

AP Studio Art (8055/8056) – AP Art Studio is a course designed for students with a professional or academic interest in two-dimensional or three-dimensional art. This course focuses on a variety of concepts and approaches in Drawing/Painting, 2-D Design, and 3-D Design (ceramics/sculpture), enabling the students to demonstrate a range of abilities and versatility with media, technique, problem solving, and scope. Such conceptual variety can be demonstrated through either the use of one or the use of several media. Students refine their skills and create artistic works to submit via a portfolio to the College Board for evaluation.

AP US History 2 (3647/3648) – College level course with requirements and assignments are expanded beyond the Honors United States History course. The scope of the course is from the Great Depression to the present.

Apparel Production 1 (5833F) – This technical level course introduces students to fabric characteristics, labeling and care. Students will demonstrate basic use of equipment and procedures needed to sew a garment.

Apparel Production 2 (5834F) – This technical level course provides students with an opportunity to explore design and developing skills for producing textile products and apparel.

Art History (8010/8011) – Students are introduced to important works of art, artists, and artistic movements that have shaped the art world.

Audio/Video Production Fundamentals (5744) – It is designed to provide students with a basic understanding of producing video for a variety of uses. Topics include analyzing the pre-production, production and post-production process, as well as exploring the equipment and techniques used to develop a quality audio video product.

Aviation Fundamentals (7143F) – Students will build an introductory understanding of aviation history, principles of flight, airplane configuration, materials and manufacturing processes, and aviation safety.

AVID – Advancement via Individual Determination

If you are interested in learning skills that will better prepare you for college, then apply for AVID. If you want to challenge yourself while being part of a class that will support you like a team, then apply for AVID. See your counselor today for an AVID application!

Baking & Pastry 1 (6729) – Prerequisite: Culinary Essentials. This course focuses on instruction and skill development related to bakery items. Topics include study of grain production, nutritional values, and product performance as well as the application to grain products. Baking experiences include yeast breads, quick breads, cakes (and cake decoration), baked desserts, and other product outcomes using various flours and storage methods

Baking & Pastry 2 (6730) – Prerequisite: Baking and Pastry 1. Exploration of advanced level baking techniques.

Band 2 (8511/8512) – (*Freshmen Only*) Criteria for entrance will include prior instrumental experience, ability and interest. Students will study the development of tone and technique in order to enhance their personal performance skills and understanding of basic elements of music. A standard instrumental text will be utilized, along with supplemental repertoire. Performing experiences may include parades, field marching, concerts, festivals /assemblies, and solos/ensembles, some of which are mandatory.

Band 3 (8506/8507) – (*Sophomores, Juniors, Seniors*)

BIO-MED PROGRAM COURSES - *Must apply and be accepted into the Bio-Med program. Speak to your counselor or contact Ms. Lawrie or Ms. Kelderman in F209 if you are interested in joining!*

Business Communications (6705) – Students learn to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communication nonverbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real world application.

Business Essentials (6720) – Business Essentials is an introductory course designed to give students an overview of business, marketing, and finance careers. Students will participate in a variety of learning activities in the areas of economics, entrepreneurship, marketing, finance, and business law. In the final unit of study, students will identify employability and personal skills needed to obtain a career and be successful in the workplace as well as explore specific career and post-secondary education opportunities.

Business Law (6170) – Business Law emphasizes legal concepts that are relevant to business and business organizations in both criminal and civil areas. Topics may include, but are not limited to, criminal violations, contracts, tort actions, legal organizational structure, negotiable instruments, and employment.

Business Management (6706) – This course acquaints students with management opportunities and effective human relations. Students will learn skills to perform planning, staffing, financing, and controlling functions within a business. In addition, the course will provide a study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

Career and Life Planning (7605) – Students will develop skills and strategies to become focused, productive individuals. This course is ideal for the college-bound and career-oriented student who will be learning to make decisions and life choices for living on his/her own. Course concepts include career and lifestyle management, goal setting, decision-making, problem solving, time management, energy and stress management, conflict resolution and coping strategies. Students will explore various career choices.

Ceramics and Pottery 1 (8311/8312) – This course engage students in a sequential learning experience that encompasses the history of ceramics, analyzing their own work and the work of others, aesthetic inquiry, and creative production. They develop knowledge of ceramic techniques and processes with an emphasis on creative design and craftsmanship. Experience includes, but is not limited to, clay modeling, hand building, coil building, casting, sculpture and throwing on the potter's wheel. Students develop a working knowledge of kiln firing and glazing techniques.

Chinese 1 (5663/5664) – This course is designed to introduce the Chinese language and culture. It acquaints students with listening, speaking, reading and writing skills and aspects of Chinese culture.

Computer Essentials (5735) – Students will acquire knowledge of and experience in the proper and efficient use of software commonly used in business and industry. This course explores a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing.

Computer Graphics (5741/5742) – Students will explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising, TV/video, and architecture. Typical course topics include modeling, simulation, animation, and image retouching.

Computer Programming (5747/5748) – This course provides students with the knowledge and skills necessary to construct computer programs in one or more languages. Initially, students learn to structure, create, document, and debug computer programs, and as they progress, more emphasis is placed on design, style, clarity, and efficiency.

Concert Choir (8549/8550) – This course is for experienced vocalists. Placement is by audition or at the discretion of the director. Criteria for entrance includes prior vocal experience, ability and/or interest, and vocal quality. Students will study the broad range of choral repertoire, vocal performance skills, music history and composition. Performing experiences include concerts, assemblies, festivals, musicals, and solos/ensembles, some of which are mandatory. A special outfit may be required at the discretion of the director.

Creative Photography (8131/8132) – Photography courses engage students in a sequential learning process applying photographic media, techniques, and processes. These courses focus on development of photographic compositions through manipulation of the elements of art and principles of design. Students learn to make meaningful visual statements with an emphasis on personal creative expression to communicate ideas, feelings, or values. The history of photography, historic movements, image manipulation, critical analysis, and some creative special effects may also be included in this course. Students engage in critiques of their photographic images, the works of other students, and those by professional photographers.

Creative Writing 1 (1540) – In this course, students will develop creative talents in writing essays, articles, poetry, short stories, drama with emphasis on writing good, short pieces.

Creative Writing 2 (1541) – Pre-requisite: Creative writing 1. Students will continue to develop creative talents in writing essays, articles, poetry, short stories, and drama with emphasis on writing good, short pieces.

Culinary Arts (6727/6728) – Prerequisite: Culinary Essentials. This course focuses on skills generally recognized as important to the field of culinary arts. Topics include plating, garnishes, soups, sauces and main dish presentation. Bakery and desserts will be introduced, but are not the main focus of this course. Catering experiences may be included as well as observations of those already in the field that are responsible for these areas in the food production or a culinary kitchen.

Culinary Essentials (6732) – Culinary Essentials is a comprehensive course that provides students with the knowledge and skills related to commercial and institutional food service establishments. Course topics include a focus on culinary math, sanitation and safety procedures, nutrition and dietary guidelines, food preparation, quantify food production, and meal planning and presentation.

Culinary Applications (6725/6726) - This course applies the skills needed in the culinary arts profession. It includes the application of skills within a school or community-based experience or work-based internship. Students enrolled in this course are expected to have mastered skills in the culinary field. Must have passed prior levels through Culinary Arts 1.

Digital Media Technology (5713/5713T) -- Prerequisite: 21st Century Journalism. Students learn the technical skills needed to work with electronic media. Topics include exploring the use of digital imaging and video today and in the future, a study of the relationship of workflow to project planning and completion and the software, equipment and tools used in the industry. (Note: 1st Year working on School Publications)

Digital Media Project Management (7253F/7254F) – Prerequisite: Digital Media Technology. An application level course in which students are taught the skills necessary for success in managing projects in a professional manner. The course covers effectively using time and resources, problem-solving and decision-making, and leadership skills. This includes Year Book and the schools Video Production.

Digital Video Production (5725/5726) – Prerequisite: Audio/Visual Productions. Students create multi-media projects for public presentation. Topics include developing a production schedule, working as a team, utilizing composition principles, and embedding audio, video or other content in digital formats. NOTE: (It is NOT the first year of working on school publications.

Drama 1 (1111/1112) - In this course, students will study the broad areas of acting, stagecraft, theatrical history, stage movement, costumes, make-up, lighting, play form, and pantomime. Students will see full-length plays as well as read and discuss contemporary drama. Students will learn how to criticize and evaluate a play, a movie, or television play. Students will study, learn, and use safety rules and practices in theatre productions.

Drawing and Painting 1 (8251/8252) – In this class, Attention is given to two-dimensional work and utilizes one or more mediums, such as pen-and-ink, pencil, chalk, watercolor, tempera, oils, and acrylics. As students advance and become more adept, the instruction regarding the creative process becomes more refined and students are encouraged to develop their own artistic styles. Design fundamentals, art history and art criticism are integral components of the course.

Early Childhood Education Foundations (7611/7612) – Prerequisite: World of Children or Parenting. Learn work skills with children in an early childhood setting. Student must be at least 16 by September 1, pass a KBI background check, and obtain a health physical and TB test, with a negative reading. See Mrs. Robinson for health form. **Must Also Enroll In ECE Lab 7613/7614.** This class provides students with knowledge about the physical, mental, emotional, and social growth and development of children from conception to pre-school age, emphasizing the application of this knowledge in childcare settings. These courses typically include related topics such as the appropriate care of infants, toddlers, and young children.

Early Childhood Education Lab (7613/7614) – Prerequisite: World of Children or Parenting. Learn work skills with children in an early childhood setting. Student must be at least 16 by September 1, pass a KBI background check, and obtain a health physical and TB test, with a negative reading. See Mrs. Robinson for health form. Students work as aides/caregivers, assisting with children's activities in the school's Child Development Center.

Engineering Design and Development (7043/7044) – Prerequisite: Intro to Engineering Design and Principles of Engineering. This course involves two-to four-person teams that research an open-ended problem and then design and construct a solution to it. Each team must submit progress reports and a final research paper. The team members then defend the solution with an oral presentation before an outside review panel.

Engine Mechanical Repair (7232) – Prerequisite: General Service 1 or 2. This course covers the tools, skills, and techniques required to perform basic engine mechanical repair and testing. This includes engine removal, installation, and maintenance.

Essentials of Interior and Textile Design (5752/5753) – HGTV, decorate a room, floor plan design, interior decorator, architecture. Counts as FINE ARTS Credit! Dual College credit for 11th and 12th grades through WSU Tech.

Exploring Social Justice (3985/3986) – Students will be presented with the ability to understand and analyze struggles and inequities associated with ability, age, sexuality, racism, ethnicity, and class. This may be repeated for credit.

Family Studies (7820) – Students will study social, emotional and physical growth during major life stages. Emphasis will be placed on awareness of self in relation to family members and peers. Units will include understanding stress, elements in a changing self and examining personal decisions in areas such as drug use and AIDS/STD's, human sexuality, family life, crises, and accessing community and personal resources.

Fashion Trends (6651F) – Pre-requisite is Apparel Production 1. This course analyzes historical, current, and projected influences on fashion, apparel and interior design. Students demonstrate their knowledge of trend setting as well as their technical knowledge and skills to plan, create, and present a recycled, redesigned, or sustainable apparel or interior design project.

Field Ecology (4961/4962) – Prerequisite: Passing grade in Biology. This course is designed to give students the ability to identify and study organisms in their natural environments. Students will conduct individual and group investigations in animals, birds, insects, and habitats. Students often work outside collecting data.

Film Studies 1 (1813/1814)– An introduction to Film Studies, including study, practice and analysis of composition, dialogue, genre, themes, cinematography, editing and film language. Theory and practice of script writing will lead to adaptation of a film script to storyboards and filmed projects.

Financial Literacy (7610F) – The course provides students with the basic skills and knowledge needed to effectively manage one’s personal finances. Topics covered include an overview of personal financial management, careers, income and taxes, budgeting, bank accounts, credit and credit risks. Projects will be conducted throughout the course to provide experiences assisting students in developing effective consumer habits. **This course is required for graduation. May be taken summer before junior or senior year for original credit.**

Fundamentals of Graphic Design (5712) – This is class is the 2nd semester extension of 21st Century Journalism with a focus on designing magazines, newspapers, and yearbooks.

General Service 1 (7233/7234) – The course is designed to provide students with basic theories and information needed to develop an understanding of automotive and light truck vehicles.

General Service 2 (7237/7238) – The comprehensive course is designed to provide students with knowledge in theory of operation, the equipment and the skills necessary for employment in the field of automotive and light truck vehicles service.

General Service 3 (7239/7240) – It is designed to build upon skills in the General Service 2—Automotive course and to provide additional opportunities for work-based experience.

German 1 (5101/5102) – This course is designed as an introduction to German language and culture. It acquaints the students with listening, speaking, reading, and writing skills while looking at German culture. The emphasis is on listening and speaking.

Global Conflict: Special Project (3316) – This course will cover the history Genocides, and the conflicts that have led to them. Major topics in the course will be the American Governments Native American policies, the WWI Armenian Genocide, the Holocaust, Pol Pot and Cambodia, the breakup of Yugoslavia, the Rwandan Genocide, and the ongoing conflicts in Darfur and Africa.

Graphic Design (5781/5782) – Prerequisite: Principles of Illustration or Fundamentals of graphic design. It emphasizes design elements and principles in the purposeful arrangement of images and text to communicate a message, ideas, or other information through digital or printed media. Focus of the course will be on creating art products such as advertisements, product designs, and identity symbols.

Hand and Power Tools (7157F/L) - Students will gain a working knowledge of the hand and power tools used in aviation and manufacturing through hands-on learning activities.

Interior Textile Design Studio (5789/5790) – Prerequisites: Essentials of Interior & Textile Design or Apparel Production. Learn how to work for a client in the fashion or housing business. Must have sewing and design skills from previous classes.

Introduction to Art (8201/8202) – This class can be taken as a semester or full year class. Each semester will be taught independently of each other. The course may include experiences in drawing, painting, two- and three dimensional design, and ceramics and sculpture. The course emphasizes observations, interpretation of the visual arts media. A study of historical and contemporary art and artists from a worldwide perspective, instruction, and practice in the critique processes are included.

Introduction to Engineering Design (7041/7042) - A technical level course in the Engineering & Applied Mathematics pathway. It is designed to develop students’ problem solving skills, with emphasis on visualization and communication skills using a computer and 3-D solid modeling software. Students need to demonstrate a readiness for Algebra 1.

Introduction to Industrial Technology (7470) – Intro to welding. It is designed to instruct students in the basic skills necessary for industrial, manufacturing and automotive occupations.

Introduction to Transportation (7241) – Introduction to the automotive program. Students gain an overview of transportation industry skills and career opportunities, as well as the education required to acquire each career.

Investing (6521) – This course enables a student to develop a better understanding and attitude towards our market economy; to acquire a broader background of knowledge in all matters dealing with money; and to acquire skills and information necessary to deal with business and consumer issues relating to finance.

Jazz Band (8587/8588) – Must also be enrolled in Band 2 or Band 3. Placement is by audition or at the discretion of the director. Previous instrumental experience is required. Students, including guitarists and pianists, will study a wide range of jazz literature, history, improvisation, and listening. Participation in a number of public performances is required.

JROTC 1 (9221/9222) – This course includes classroom instruction and laboratory instruction in the history, customs, traditions and purpose of JROTC. It contains the development of basic leadership skills to include leadership principles, values and attributes. Development of core skills students should master, an appreciation for diversity, and active learning strategies are integrated throughout the course. Successful completion of a least three units of credit in the JROTC program will qualify the student for advanced placement in a college ROTC program or accelerated promotion in the military service.

Leadership Skills (9115/9116) – In this course, students will study the various qualities, which enhance leadership capabilities. These will include such topics as communication skills, goal setting, meeting skills, group dynamics and parliamentary procedure. The students will participate in activities for leadership growth. **Requirements for this class include a fulfillment of 20 hours of community service PER SEMESTER. That totals to 40 hours for the year. These are mainly done outside of the school day.**

Lifetime Sports (9207/9208) – Prerequisite: PE & Health Foundations. Participate in different sports, while learning the correct rules and regulations for each.

Madrigals (8594/8595) – Tryout only. Students in this course must also be enrolled in Concert Choir.

Marketing Applications (6629/6630) – Prerequisite: Principles of Marketing. Application level course where student operate Butch's Corner during lunch.

Mass Production 1 (7411/7412) – Prerequisite: Production Welding Process. This is a comprehensive course designed to instruct students in the knowledge and skills required for fabricating products using a variety of materials.

Mass Production 2 (7421/7422) – Prerequisite: Mass Production 1. Mass Production 2 is an application level course designed to instruct students in the knowledge and skills required for fabricating products using a variety of materials. This course presents an opportunity to earn concurrent credit through WSU Tech.

Music Appreciation (8640/8641) – This course will meet the needs of students who do not choose to participate in music performing groups. Students will learn the various properties of sound and be able to identify the basic characteristics of rhythm, melody, harmony and texture. In addition, students will gain listening skills and an understanding of the historical background of various types and styles of music.

Nutrition and Wellness (7823) – It focuses on personal health topics such as nutrition, stress management, drug/alcohol abuse prevention, and disease prevention. Course objectives include helping students develop decision-making, communication, interpersonal, and coping skills and strategies.

Office Assistant (9183/9184) – Prerequisite: 2.5 GPA and Office Approval. The purpose of this class is to help the office staffs run passes, file documents, and give new students tours of the school.

Orchestra 2 (8731/8732) – (Freshmen & Sophomores) This course is designed for students who are continuing to develop string performance skills. Placement is at the discretion of the director. Students will enhance their personal performance skills and understanding of basic elements of music. The director will utilize a standard string text along with supplemental repertoire. Performing experiences will include concerts, assemblies, festivals, musicals, and solos/ensembles, some of which will be mandatory. A uniform may be required, at the discretion of the director.

Orchestra 3 (8721/8722) – (Juniors & Seniors) Orchestra 3 is for all students who have successfully completed freshman and sophomore years in the orchestra program.

Parenting and Child Development (7600) – Students study human growth and development and the physical, intellectual, social and emotional development of children and individuals from conception throughout the life span with emphasis on awareness of the special responsibilities of parenting and discipline of child rearing. Students learn to observe, record, compare, research, and discuss behavior of children as a means toward understanding.

Performing Arts College Prep (8686/8687)– The purpose of this class would be to provide the opportunity for students interested in pursuing fine arts in college the skills necessary for their area of interest. The areas covered would be instrumental music, vocal music and theater arts. Each student would create a portfolio in preparation of college visits. Students would complete projects, study music theory, work on college interview sessions, attend college scholarship visitations.

Photo Imaging (5715) - Students learn the technical skills needed to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images. *Eligible for Fine Arts Credit.*

Physical Education & Health Foundations (8748/8749) – This course provides opportunities for students to acquire the knowledge and skills needed to engage in a physically active, healthy lifestyle throughout life. Three areas of focus in the course are: 1) health-related fitness, 2) lifetime physical activity, and 3) health/wellness concepts and skills. **Required for Graduation.**

Physical Science (4811/4812) – Students will study topics in both physics and chemistry. The course may provide a foundation for further study into physics, chemistry and earth-space science. Students will passing grades in any Chemistry or Physics class should not to be enrolled in this course.

Practical Law (6173)– This technical level course will study the basic legal principles common to a broad base of everyday business activities and will provide practical law information necessary to develop problem-solving skills in our legal society. Topics include, but are not limited to, criminal law, juvenile law, torts, family law, discrimination, writing a brief and employee rights.

Precalculus/Trigonometry (2151/2152) – Prerequisite: Algebra 2/Honors Algebra 2. Students will extend the concepts of Algebra II to include theories of functions, systems of equations, matrices, exponential and logarithmic functions, trigonometric equations, and trigonometric applications.

Principles of Applied Engineering (7251F/7252F) - This course is a broad-based survey course to help students understand engineering and engineering technology, and to explore career options. Theoretical and hands-on problem solving are emphasized.

Principles of Illustration (5778) – Students explore a variety of media, tools and supports as a means to communicate ideas. Topics include an understanding of traditional and digital illustration as it applies to careers in graphic design, animation, fashion/ textile design, industrial design, web design, architecture, interior design and/or fine arts.

Principles of Marketing (6611/6612) – This course offers students insight into the processes affecting the flow of goods and services from the producer to the consumer. Course content ranges considerably in general marketing principles such as purchasing, distribution, and sales. As an added component to classroom learning, students will engage in hands-on, real world activities through a variety of instructional methods including guest speakers, computer simulations, and DECA activities.

Production Blueprint Reading (7423L) – This course is an introductory level course that provides students with the knowledge and ability to interpret the blueprints from a variety of industrial applications

Production Welding Process (7517/7518) – This comprehensive course is designed to provide students with knowledge and skills in basic welding theories and terminology, to perform Oxyfuel and Arc Welding activities in the F & H positions and to perform non-destructive-testing activities.

Psychology (3700) – In this course, students will study the mind, consciousness, and behavior. Students will learn and apply basic theories of psychology, study the nervous system, psychobiology, perception, and personality. Emphasis will be placed on the importance of the experimental method in relation to the study of psychology. Students will write and perform approved experiments in social perception.

Repertory Theatre (1145/1146) – Tryout only. Advanced theater and performance.

Sculpture (8119/8120) – Students explore realistic and abstract sculpture through subtractive (carving), additive (modeling), and assemblage techniques in one or more media. They produce realistic and abstract sculptures while incorporating elements of art and principles of design. A study of historical and contemporary sculpture and sculptors from a worldwide perspective and instruction and practice in the critique process are also addressed. Material experiences include, but are not limited to wood, plastic, paper, natural materials, clay and found objects.

Sociology (3800) – In this course, students will study the forms, functions and institutions of human groups. Special emphasis will be placed on the studies of family relationships, and of contributory factors of improving relationships between individuals and groups.

Spanish 1 (5411/5412) – This course is designed as an introduction to Hispanic culture and the Spanish language. It acquaints the students with listening, speaking, reading, and writing skills while looking at Hispanic culture and geographical aspects of Spanish-speaking regions. The emphasis is on listening and speaking.

Spanish 4 (5441/5442) – Prerequisite: Spanish 3 or Spanish for Natives 2.

Spanish for Natives 1 (5485/5486) – This class is designed for students already possessing fluent oral language, but desiring to improve their reading and writing skills in their native language.

Speech 1 (1731) – College level class where students prepare speeches. Includes writing formal outlines, creating PowerPoints, and speaking in front of a large audience. Must have a 3.0 GPA to get dual college credit.

Sports and Entertainment Marketing (6801) - This course will provide a background in the fields of Sports and Entertainment Marketing (SEM). This interactive class will cover a variety of marketing topics related to sports and entertainment marketing. Promotional influences relating to these fields of marketing will be covered.

Stagecraft 1 (1751/1752) – Prerequisite Drama 1 or Teacher Approval. In this course, students will work with stage structure, tools, terminology, and operation of equipment with specific emphasis on construction, maintenance and building of scenery. Students will learn construction of stage properties, setting lights, building costumes, and applying stage make-up. Students will study, learn, and use safety rules and practices in all theatre productions.

Teacher Assistant (9181/9182) – Prerequisite: 2.5 GPA, must be a sophomore, junior, or senior, and have teacher permission. Help teachers with tasks such as running errands and preparing for class.

Teaching as a Career (7601/7602) – This is a technical level course in the Teaching/Training pathway. It will introduce students to the teaching profession with special focus on the critical shortage areas. This course provides fundamental knowledge of the art and science of teaching with the study of the education profession as a future career choice. **Anyone interested in working in a service-oriented profession should consider taking this course.**

Teaching Internship (7603/7604) – Prerequisite: Teaching as a Career. Students will be assigned to their grade level of choice and go to those locations during the class to work with students.

Teaching Observation (7628/7629) – Students will observe best practices at multiple grade levels. Observations will be focused around the elements of effective instruction, including planning and preparation, learning environments, instructional strategies, and professional responsibilities.

Tenor/Bass Chorus (8547/8548) – Repertoire for this ensemble is primarily written for tenor and bass voices. Criteria for enrollment will include student ability, interest and enthusiasm. Prior vocal experience is not required. Students will study vocal techniques, a wide range of repertoire and the improvement of individual vocal skills. Performance experiences will include concerts, musicals, solos, ensembles, some of which are mandatory.

Treble 1 Chorus (8539/8540) – Repertoire for this ensemble is primarily written for treble voices (higher voices). Criteria for enrollment will include student ability, interest and enthusiasm. Prior vocal experience is not required. Students will study vocal techniques, a wide range of repertoire, and the improvement of individual vocal skills. Performance experiences will include concerts, musicals, solos/ensemble, some of which are mandatory.

Treble 3 Advanced Chorus (8567/8568) – Placement in this course is by audition only. Enrollment is normally limited to 24 or fewer students at the discretion of the director. The director may require participation in Concert Choir the same semester(s). Students must possess exceptional vocal qualifications including superior vocal quality, musicianship, balance and blend. Students will study a wide range of musical literature and styles. Some choreography may be included. A demanding performance schedule is maintained and student participation in performances is mandatory. A special outfit may be required at the discretion of the director.

Web Page Design (6743) – Students are instructed how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages—such as Extensible Hypertext Markup, JavaScript, Dynamic HTML, and Document Object Model—to develop and maintain a web page.

Weight Training & Conditioning (9213/9214) – Prerequisite: PE & Health Foundations. This course is designed to teach basic-advanced training techniques and strategies for lifting weights and conditioning. Students will learn proper lifting techniques, safety procedures and how to set up individual programs.

World of Children (7900) – Students will learn about the physical, mental, emotional, and social growth and development of children ages three to six. Typical topics include providing healthy environments, evaluating childcare settings; and the practices, regulations, and opportunities in the child care industry. Advanced topics may include various learning theories; development of activities; recognition of childhood diseases, abuse, and neglect; and first aid/emergency training.

Youth Court (3517/3518) – If you are interested in law, this is the class for you! Give consequences to students who are referred to the office with minor school write-ups. Application course in which students will demonstrate technical skills related to careers in the legal and judicial field, and analyze the impact of legal and judicial careers on community health and service.

Youth Entrepreneurs (6888/6889) – Youth Entrepreneurs is a yearlong program that is a valuable experience for any student with an entrepreneurial dream or the desire to be a business leader of tomorrow. Students will have an opportunity to plan for and “own” a business with Market Days, learn basic economic principles, business fundamentals (marketing, management, and finance), and while being supported by the teacher and business community. Students who complete the course are eligible for scholarship opportunities, community partnerships, and other opportunities through YE.

Zoology (4951/4952) – Prerequisite: Passing grade in Biology. In this course, students make comparative studies of animals, the niche they occupy in their environment or habitat, their life cycles, and their evolutionary relationship to other organisms. Students should also develop an awareness and understanding of biotic communities.