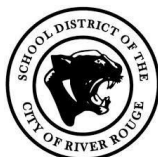


River Rouge High School
Proposed 2019-2020 Course Offerings



***COURSES REQUIRE TEACHER RECOMMENDATION (SIGNATURE).**
SEE BACK OF PAGE FOR COURSE DESCRIPTIONS

English

English 9/*Honors English 9
English 10/*Honors English 10
English 11
*AP Language Arts (11th)
English 12/*Honors English 12
* AP Literature (12th)

Math

Algebra 1/*Honors Algebra 1
Geometry/*Honors Geometry
Algebra 2/*Honors Algebra 2
Personal Finance
Prob. & Statistics
Pre-Calculus
*AP Calculus

Science

Biology/*Honors Biology
Chemistry/*Honors Chemistry
Environmental Science

Social Studies

American History/*Honors American
History
World History/*Honors World History
Civics/*Honors Civics
Economics/*Honors Economics

Electives

Academic Games
Creative Writing
Speech – 12th Grade
English 10 Lab
African American History – 11th/12th
Sociology – 11th/12th
Gym/Health
*Advanced Nutrition/P.E.
MJROTC
Dance/*Advanced Dance (VPAA)
Spanish 1/Spanish 2
Test Strategies
Web Design
Computer Science
Marketing
Business Management
Engineering Design
Intro. to Music Production
*Advanced Music Production
Intro to Culinary Arts
*Advanced Culinary Arts
Intro to Art (VPAA)
*Advanced Art (VPAA)
Begin. Band/*Advanced Band (VPAA)
Intro to TV Production (9th-10th)
Advanced TV Production (11th-12th)
*WCCCD Dual Enrollment
SEMCA
Job Corp

River Rouge High School
NCAA Approved 2019-2020 Course Offerings



English

English 9/*Honors English 9
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Pre-Calculus
*AP Calculus

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Chemistry/*Honors Chemistry
Environmental Science

Social Studies

American History/*Honors American
History
World History
Civics
Economics/*Honors Economics

Electives

Creative Writing
Speech – 12th Grade
Sociology – 11th/12th
Spanish 1
Spanish 2

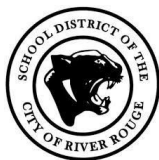
**Past Courses Offered that are
approved:**

Honors English 11
Journalism
Literature Exploration
Contemporary Soc Prob
Geography/Honors Geography
Global Studies
Practical Law
Psychology
Anatomy and Physiology
Applications in Chemistry
Advanced BioChemistry
Earth Science
Forensic Science
Physics/Honors Physics
Science 9/Science 9 Honors
French 1-French 4
German 2
Spanish 3-Spanish 4

WCCD Courses that are approved:

American Govt & Afric/Amer Struggle
Intro to Criminal Justice
Intro to Sociology
Intro to Psychology
Principal to Economics

River Rouge High School 2019-2020 Course Catalog



English Courses and Electives

English 9

The major emphasis in the class is on writing and reading skills through a study of drama, poetry, the short story, the novel, and the essay.

Honors English 9

Honors English 9 is an accelerated class. Extensive writing and reading assignments will challenge students. ***Requires 8th grade English teacher signature**

English 10

The course stresses the development of critical thinking, reading, writing and speaking skills. Students develop these skills in correlation with the study of American Literature; and students are required to demonstrate a proficiency in the formal essay, research methods and presentation skills.

Honors English 10

This course is designed for the exceptional English student. The course will lay the foundation for the interpretation of literature through the study of literary genre and literary movements. This course requires students to think, write, and speak critically. Completion of English 9 and ***English 9 teacher signature.**

English 10 Lab

This course is for students who struggle with understanding of the concepts taught in English 9 and English 10. Students are placed in this course based on teacher recommendations.

English 11

The course stresses critical thinking reading writing, and speaking skills. Students examine the influence of writers on society and society's influence on writers. Students compose a variety of essays.

AP Language Arts - 11th Grade

The course is designed for the exceptional English student. The goal of the course is to engage students, helping them become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and to become skilled writers who compose for a variety of purposes. Both their own writings and their readings should make students aware of interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. ***Requires English 10 teacher signature.**

English 12

The course stresses critical thinking, reading, writing and speaking skills. Students examine the influence of writers on society and society's influence on writers. Students compose a variety of essays.

Honors English 12

Completion of English 11 and ***English 10 teacher signature**

AP Literature -12th Grade

AP® English Literature and Composition is designed to be a college/university level course, thus the "AP" designation on a transcript rather than "H" (Honors) or "CP" (College Prep). This course will provide you with the intellectual challenges and workload consistent with a typical undergraduate university English literature/ Humanities course. As a culmination of the course, you will take the AP English Literature and Composition Exam given in May (required). A grade of 4 or 5 on this exam is considered equivalent to a 3.3–4.0 for comparable courses at the college or university level. A student who earns a grade of 3 or above on the exam will be granted college credit at most colleges and universities throughout the United States. ***Requires English 11 teacher signature.**

Creative Writing

Creative Writing focuses on writing for publication in two genres: poetry and fiction. The purpose of this class is to encourage students to cultivate the habits, attitudes and flexibility of a professional writer in a professional writing community. Students will practice writing like a reader and reading like a writer. Students will be expected to enter final products into professional and/or student contests, confer with the instructor, participate in writer response groups, read contemporary published authors, keep and regularly write in a writer's notebook, and experiment with and revise writing routinely.

What is Creative Writing? Creative writing is the art of crafting a piece for a publication. Notebook generating is just one of the steps in the creative process. The true art of writing includes not only the process of journaling or generating, but also phases of reading, mentoring, experimenting/revising, and editing. All final pieces that you create for this class will reflect the process of writing. Our goal is to become a community of writers, who experiment, craft, revise and tinker with our work. We as writers will see the world as text.

Speech (12th Grade)

Senior Speech is a course aimed at introducing students to the advanced concepts of communication. It aspires to make students not only better communicators, but better rhetoricians; people capable of using sound and ethical language to analyze styles of communication. Students will learn about the role of communication in our lives, the communication model, spatial relationships, delivery styles, professional work related communication, and the effectiveness of language, gestures, and organization techniques.

Math Courses and Electives

Algebra 1

Algebra 1 includes the study of families of functions including linear, quadratic, polynomial, exponential, rationals, and bivariate data analysis. Students will also develop their knowledge of power (including roots, cubics, and quartics). Algebra 1 draws upon and connects to topics related to numbers and geometry by including the formalized study of the real number system and its properties, and by introducing elementary number theory. Use of the graphing calculator is embedded in the course.

Honors Algebra 1

Algebra 1 includes the study of families of functions including linear, quadratic, polynomial, exponential, rationals, and bivariate data analysis. Students will also develop their knowledge of power (including roots, cubics, and quartics). Algebra 1 draws upon and connects to topics related to numbers and geometry by including the formalized study of the real number system and its properties, and by introducing elementary number theory. Use of the graphing calculator is embedded in the course. This rigorous course moves more rapidly and studies the topics in greater detail than in regular Algebra. ***Requires 8th grade math teacher signature**

Geometry

Students studying Geometry should develop analytic and spatial reasoning skills. Work is done with two-dimensional and three-dimensional figures in real-world contexts, building spatial visualization skills and deepening the understanding of shapes and relationships. Areas of study include: right triangle trigonometry, algebraic reasoning applied to geometric situations, transformations of linear and quadratic functions to geometric transformations, and coordinate Geometry. The study of formal logic and proof helps students to understand the axiomatic system that underlies mathematics through the presentation and development of postulates, definitions, and theorems. Students should develop deductive reasoning skills.

Honors Geometry

Students studying Geometry should develop analytic and spatial reasoning skills. Work is done with two-dimensional and three-dimensional figures in real-world contexts, building spatial visualization skills and deepening the understanding of shapes and relationships. Areas of study include: right triangle trigonometry, algebraic reasoning applied to geometric situations, transformations of linear and quadratic functions to geometric transformations, and coordinate Geometry. The study of formal logic and proof helps students to understand the axiomatic system that underlies mathematics through the presentation and development of postulates, definitions, and theorems. Students should develop deductive reasoning skills. This rigorous course moves more rapidly and studies the topics in greater detail than in regular Geometry. Completion of Algebra 1 and ***Algebra 1 teacher signature.**

Algebra 2

Students continue the study of function families including: quadratic, polynomial, radical, rational, exponential, and logarithmic functions. The topic of conic sections fuses algebra with geometry. Units of study include sequences and iteration as well as univariate statistical applications and trigonometry. Students will develop an understanding that algebraic thinking is an accessible and powerful tool that can be used to model and solve real-world problems. Use of the graphing calculator is embedded in the course. ***Completion of Algebra 1 required.**

Honors Algebra 2

Students continue the study of function families including: quadratic, polynomial, radical, rational, exponential, and logarithmic functions. The topic of conic sections fuses algebra with geometry. Units of study include sequences and iteration as well as univariate statistical applications and trigonometry. Students will develop an understanding that algebraic thinking is an accessible and powerful tool that can be used to model and solve real-world problems. This rigorous course moves more rapidly and studies the topics in greater detail than in regular Algebra II. Use of the graphing calculator is embedded in the course. Completion of Algebra 1 and ***Algebra 1 or Geometry teacher signature**

Pre-Calculus

Precalculus is the preparation for calculus. The study of the topics, concepts, and procedures of precalculus deepens students' understanding of algebra and extends their ability to apply algebra concepts and procedures at higher conceptual levels, as a tool, and in the study of other subjects. Topics include: functions, exponential and logarithmic functions, quadratic functions, polynomial

functions, rational functions and difference quotients, systems of equations, sequences, series, parametric equations, and conic sections. The theory and application of trigonometry and functions are developed in depth. New mathematical tools, such as vectors, matrices, and polar coordinates are introduced, with an eye toward modeling and solving real-world problems. Limit theory will be introduced in this course. Use of the graphing calculator is embedded in the course.

AP Calculus AB

The topics of instruction in Advanced Placement Calculus AB focus on differential and integral calculus including: functions, graphs and limits, derivatives, and integrals. Problems are explored from multiple viewpoints including, algebraic, numerical, and graphical. Problem solving is developed throughout the course with an emphasis on practical applications. Students have the opportunity to take the Advanced Placement Calculus AB Examination for possible college credit. Graphing calculators are required for the Advanced Placement tests. ***Algebra 2 or Pre-Calc teacher signature required.**

Personal Finance (12th Grade)

This course is designed to give students the business financial management and investing skills they will need after high school. Students will explore financial career decisions, fundamentals of investing, personal financial protection, and financial management for business. Students will use technology to assist their learning about stocks, bonds, and mutual funds. They will develop an investment portfolio and a financial plan. Students will complete hands-on simulations on financial topics using Microsoft Excel and the Internet.

Probability and Statistics (12th Grade)

This course inter-relates data analysis, statistics, and probability through the methods of investigation, modeling, and simulation. Students conduct experiments and analyze and interpret data through measures of central tendency and measures of variability. They draw conclusions and make predictions based on data and evaluate the effectiveness of their experiments and components thereof. The use of technology (graphing calculators, computer programs and simulators, etc) is utilized frequently.

Science Courses and Electives

Biology

Biology follows the Michigan Merit Curriculum as determined by the MI Department of Education. Students develop science literacy through inquiry, application of knowledge and reflection. Students delve into the wonders of the science of life through lecture, labs and other hands-on activities. This course aims to provide students with the information and perspective.

Honors Biology

Biology follows the Michigan Merit Curriculum as determined by the MI Department of Education. Students develop science literacy through inquiry, application of knowledge and reflection. Students delve into the wonders of the science of life through lecture, labs and other hands-on activities. This course aims to provide students with the information and perspective. This course moves at a more rigorous pace than Biology. ***Requires 8th grade science teacher signature**

Chemistry

This class deals with the composition of materials and the changes that they may undergo. The concepts, laws, and theories explaining the properties and behavior of elements and compounds are discussed. Laboratory experiences are an essential part of this course. This college prep class focuses on a broad spectrum of chemistry topics that include: Atomic Theory, Nuclear Chemistry, Organic

Chemistry, Naming, The Periodic Table, Bonding, Reactions, Thermochemistry, Acid Base Chemistry, States of Matter, Kinetics and Equilibrium.

Honors Chemistry

This accelerated class of lecture and laboratory deals with the composition of materials and the changes that they may undergo. The concepts, laws, and theories explaining the properties and behavior of elements and compounds are discussed. A quantitative approach to atomic and molecular structure and its relationship to the properties of matter is provided. Laboratory experiences are an essential part of this course. Chemistry should be taken by all college-preparatory students who are considering careers in science, engineering, or medicine. Completion of Biology and strong math skills essential. ***Biology teacher signature required.**

Environmental Science

Environmental science explores Earth's natural systems, as well as how human activity affects the environment; students will apply the scientific method to investigate natural flows of chemicals, water and energy in terrestrial, aquatic, and atmospheric systems, and how humans impact these natural flows and systems. Students will learn methods for helping to make Earth a sustainable environment through stewardship and sound science. Students will be encouraged to discuss environmental problems and concerns through current events, projects and laboratories.

Social Studies Courses and Electives

American History

This course is organized as a chronological survey of American history beginning with the Progressive Era through WWI and the Roaring Twenties, the Great Depression and WWII, the Cold War and Vietnam Era, and culminating in a study of the US in the modern era. Political, economic and social aspects of the American experience will be studied with an emphasis on the ideas, people, issues and events of the times.

Honors American History

This course is organized as a chronological survey of American history beginning with the Progressive Era through WWI and the Roaring Twenties, the Great Depression and WWII, the Cold War and Vietnam Era, and culminating in a study of the US in the modern era. Political, economic and social aspects of the American experience will be studied with an emphasis on the ideas, people, issues and events of the times. This class moves at a more rigorous pace. ***Requires 8th grade social studies teacher signature**

World History

The purpose of this World History Course is to increase student's knowledge of our world from Classical world to the present. Experiencing world history and understanding its relevance to the modern world is the goal of this course. Recognizing that students must develop an appreciation and understanding of the world's cultures and the growing interdependence of world regions, this course would seek to develop in the student a balanced multicultural perspective.

Honors World History

The purpose of this World History Course is to increase student's knowledge of our world from Classical world to the present. Experiencing world history and understanding its relevance to the modern world is the goal of this course. Recognizing that students must develop an appreciation and understanding of the world's cultures and the growing interdependence of world regions, this course would seek to develop in the student a balanced multicultural perspective. This course is more rigorous than World History. Completion of U.S. History and ***U.S. History teacher signature**

Civics

Civics fulfills the government graduation requirement. It focuses on how governmental decisions are made, who makes them, what forces and factors influence them, and what some of the causes and effects of such decisions can be. The course covers a description and analysis of the American political system as it relates to contemporary issues and problems. Emphasis is placed on the individual responsibility of every citizen to determine the quality of our government on the federal, state and local levels.

Honors Civics

Civics fulfills the government graduation requirement. It focuses on how governmental decisions are made, who makes them, what forces and factors influence them, and what some of the causes and effects of such decisions can be. The course covers a description and analysis of the American political system as it relates to contemporary issues and problems. Emphasis is placed on the individual responsibility of every citizen to determine the quality of our government on the federal, state and local levels. This course is taught at a more rigorous pace. Completion of World History and ***World History teacher signature**

Economics

The purpose of this course is to acquaint students with the role of economics in the shaping of everyday life. Topics studied include the operation of a market economy, advertising, swindles, our money system, credit, investment, personal finance, budgeting, collective bargaining, economic stability, money and banking, public policy, economic cycles, comparative economic systems, and the stock market. Economic skills will be developed using computer-assisted resources.

Honors Economics

The purpose of this course is to acquaint students with the role of economics in the shaping of everyday life. Topics studied include the operation of a market economy, advertising, swindles, our money system, credit, investment, personal finance, budgeting, collective bargaining, economic stability, money and banking, public policy, economic cycles, comparative economic systems, and the stock market. Economic skills will be developed using computer-assisted resources. This course moves at a more rigorous pace. Completion of World History and ***World History teacher signature**

African American History - 1 Semester (11th and 12th Grade)

This course examines African American history from the cradle of the human race to the present. Within this chronology students will revisit key themes such as empowerment, community, identity, the role of the church, citizenship, entrepreneurship, oppression, and cultural expression. Class is structured around a variety of historical source materials within each unit of study. Throughout the course, students learn to develop important questions, conduct inquiry, and evaluate evidence.

Sociology – 1 Semester (11th and 12th Grade)

Sociology is the study of social life, social change, and the social causes and consequences of human behavior. Life is social whenever we interact with others. Over time, patterns of interaction become embedded in the structure of society. Sociology is concerned with such various topics as peer groups, group identities, deviance and conformity, and social stratification.

Foreign Language

Spanish 1

Spanish I is a beginning course providing elementary practice in speaking, listening, reading, and writing the Spanish language. There is a strong emphasis on oral communication and listening comprehension through the use of varied classroom exercises as well as the use of authentic audio and video sources. This course is interwoven with much interesting information concerning school life, social life, geography, customs, songs, and foods of the many Spanish-speaking countries. The importance of Spanish to a person living in the U.S., as well as career opportunities are also discussed. At the high school level, regular use of the language lab will be an integral part of the curriculum.

Spanish 2

Students have an opportunity to develop their language skills through the continued balanced presentation of the four skills. More advanced reading passages, dialogues, and directed writings are utilized. Oral communication and listening comprehension continue to be a vital part of daily activities. Reading selections, class discussions, and videos portray a cross-section of Spanish culture including leisure time activities, family celebrations, clothing, school and daily life, health, shopping, travel, food, professions, and urban versus rural life. At the high school level, regular use of the language lab will be an integral part of the curriculum. ***Students must complete Spanish 1 prior to taking Spanish 2.**

Electives

Academic Games

Academic Games is a series of games designed to stimulate and test student knowledge in a variety of subjects. Students develop proficiency and confidence by competing in games of Math, English, Social Studies, and Logic. Through competition students are encouraged and motivated to sharpen their skills in order to gain a competitive edge over their peers.

***Ms. O'Neal's signature required to be enrolled in this course**

Test Strategies

This course is designed for students to learn study skills and test taking strategies that will provide them with the necessary skills to be successful in college. Topics for the course will include but are not limited to: note taking strategies, learning styles/personality indicators, study strategies, resource usage/research skills, stress management/test anxiety, test taking strategies, and textbook usage.

Business Management

Business Management introduces the processes and activities involved in business. The course provides core content applicable to all aspects of business and includes the practical applications of management theory. Students will be introduced to the fundamental management functions including planning, organizing, leading and controlling from multiple perspectives.

Marketing

Throughout this course you will learn the fundamentals of business and marketing. This class focuses on current topics in business and marketing including the 4 P's: Product, Price, Place & Promotion.

The class also includes topics on retail sales, business presentations, management, entrepreneurship, ethics, career exploration, and business and marketing plans.

Intro to Culinary Arts

The Culinary Arts curriculum provides students with the foundations for a comprehensive knowledge of the food service industry and with opportunities to build technical skills. Students examine and practice basic rules and procedures related to kitchen and food safety, kitchen sanitation procedures, and emergency measures. Students explore the purchasing and receiving of goods and study fundamental nutritional principles and guidelines. As they explore food-preparation techniques, students practice applying these techniques to the preparation and serving of basic food products. The curriculum places a strong emphasis on science and mathematics knowledge and skills.

Advanced Culinary Arts

The Advanced Culinary Arts curriculum provides students with continuing opportunities to acquire a comprehensive knowledge of the food service industry as well as to expand their technical skills. Students practice kitchen safety and sanitation, apply nutritional principles to food preparation and storage, perform a wide range of more advanced food-preparation techniques including garde manger and baking, refine their dining room serving skills, develop menus, perform on-site and off-site catered function, and strengthen their business and math skills. The curriculum continues to place a strong emphasis on science and mathematics knowledge and skills. ***Requires successful completion of Intro to Culinary Arts.**

Intro to Music Production

This program is designed and geared to offer Music Production education and opportunities to our students in ways like never before. Students are offered an environment where creativity is embraced. These stars in the making will be able to record their own beats, voices, and even are able to mix and master their own tracks. Classes will: make plenty of music, experience external music industry opportunities, have multiple professional guests, take trips to studios and musical events, hold in-school production related events, and produce their own music videos.

Advanced Music Production

This program is designed and geared to offer Music Production education and opportunities to our students in ways like never before. Students are offered an environment where creativity is embraced. These stars in the making will be able to record their own beats, voices, and even are able to mix and master their own tracks. Classes will: make plenty of music, experience external music industry opportunities, have multiple professional guests, take trips to studios and musical events, hold in-school production related events, and produce their own music videos.

***Successful completion of Intro to Music Production required to enroll in this course.**

Intro to Art (VPAA)

The student will gain an understanding of composition by working with the elements and principles of art in both two and three-dimensional areas. This year long class will provide training and development in a variety of media which includes but is not limited to drawing, painting, printmaking, lettering, sculpture, pottery, and digital technology. This course helps develop drawing and design skills using nature, figures, still life, and perspective studies. Design, composition, and terminology will engage and enhance students in practical solutions and problem solving. Study of artists through the ages and the history of art and its impact on contemporary life will enhance each student's awareness of both cultural heritage and art as a possible career choice.

Advanced Art (VPAA)

This is a continuation of skill development from Intro to Art. ***Requires completion of Intro to Art and/or art teacher's signature.**

Beginning Band (VPAA)

Beginning band students develop basic music skills step by step. Emphasis is always placed on the care of the instrument, position and embouchure while playing, seating posture, intonation, key signatures, extension of range, correct fingering, rhythm patterns, scales, and definitions of musical terms.

The River Rouge High School Band has high standards and takes pride in its work. Attendance is required at all rehearsals and public performances. As a band member you will be required to have the following equipment: Instruments in good playing condition and a mouthpiece/reed if needed. If apart of the Marching Band further equipment may be required.

Advanced Band (VPAA)

The River Rouge High School Band has high standards and takes pride in its work. Attendance is required at all rehearsals and public performances. As a band member you will be required to have the following equipment: Instruments in good playing condition, a mouthpiece/reed if needed, a pair of black Jungle Boots, Auxiliary groups will need to purchase accessories of the coaches discretion. The Marching Band will play at football games and any other events that the director may see fit to attend. Student attendance at ALL events is mandatory. Rehearsals will be held during class and after school.

Dance (VPAA)

This course offers a variety of rhythmic activities, technique exercises, and basic movement exploration. Students create dance routines and do simple choreography. Fitness routines relative to dance movements are performed periodically. Physical fitness levels may be assessed. It is understood that skill building and fitness is an on-going process and that students may wish to repeat the course more than once.

Advanced Dance (VPAA)

This course offers a variety of rhythmic activities, technique exercises, and basic movement exploration. Students create dance routines and do simple choreography. Fitness routines relative to dance movements are performed periodically. Physical fitness levels may be assessed. It is understood that skill building and fitness is an on-going process and that students may wish to repeat the course more than once.

Gym/Health

This course is designed to give students the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of strength training, aerobic training, and overall fitness training and conditioning. Course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

MCJROTC (Gym/Health)

The Marine Corps Junior Reserve Officers' Training Corps (MCJROTC) program is hereafter referred to as simply the Marine Corps JROTC program. It is designed to instill in high school students a value of citizenship, service to the United States, personal responsibility and a sense of accomplishment. It prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens. The program is a stimulus for promoting graduation from high school, and it provides instruction and rewarding opportunities that will benefit the student, community, and nation.

Advanced Nutrition/P.E. (Gym/Health)

This course is designed to give student athletes the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of strength training, aerobic training, and overall fitness training and conditioning. Course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. ***This course is designed for athletes and requires Coach Parker's approval for placement into this course.**

Intro to TV Production – 9th and 10th

This Intro to TV class course is for 9th and 10th grade. This elective will introduce students to Broadcast Journalism. Students will record interviews and create commercials as well as video record school events. Digital Editing will be mastered as well learning new digital cameras purchased over the summer. The content will be geared to 9th and 10th graders getting them involved with their school.

Advanced TV Production – 11th and 12th

TV 1 is not a prerequisite. The only requirement is that you must be in 11th and 12th grade. The same introductory given in TV one will be mastered then TV 2 will focus on more independent productions, recording talk shows, dramas and school events. The content will be more grade level appropriate since this won't have all four grades. Training on the new digital cameras purchased over the summer will also be available.

Web Design

Throughout the course students are introduced to planning and designing effective web pages; implementing web pages by writing HTML and CSS code; enhancing web pages with the use of page layout techniques, text formatting, graphics, images, and multimedia; and producing a functional, multi-page website.

Computer Science

Topics include how computers work, simple algorithms and their efficiency, networking, databases, artificial intelligence, graphics, simulation and modeling, security and the social impact of computing. The course also includes a gentle hands-on introduction to programming concepts with Python.

Engineering Design

Introduction to Engineering Design (IED) is a high school level course that is appropriate for students who are interested in design and engineering. The major focus of the IED course is to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. IED gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning.

WCCCD Dual Enrollment

Through our partnership with Wayne County Community College District, students are dual enrolled into college courses that are taught on our River Rouge Campus. Students are required to attend class daily and complete all assignments. Students will receive a grade from their college professor based on the work they complete. ***Students must be approved by administration for dual**

enrollment courses. If a student fails a dual enrollment course they will not be permitted to enroll in another course.