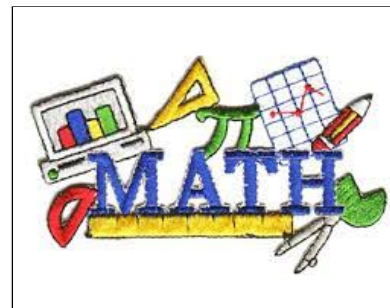
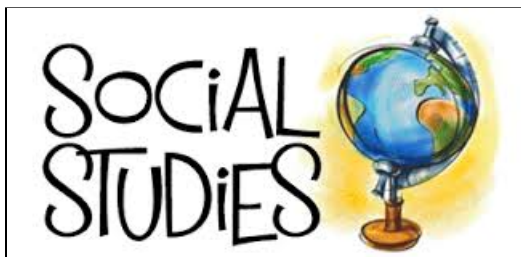
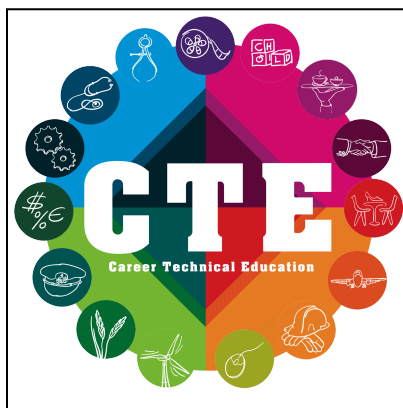
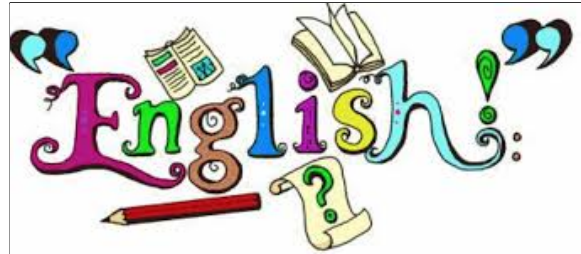
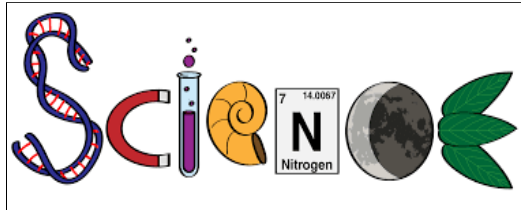




## Elective Course Descriptions!

East Wake teachers have created exciting course descriptions. Click on the image to open the link to that subject or scroll down and browse. Enjoy!



## English

**Creative Writing |** Want the opportunity to learn how to put thoughts into beautiful, moving poetry like Amanda Gorman, or compose a drama as lasting as Shakespeare? Well, sign up for Creative Writing I. Writing is a process, and it takes time to hone this important skill, and you will be supported through this process. Let's write!

**English IV-Technical Writing |** This course will be an English IV credit through the lens of Technical Reading and Writing. We will focus on informative text and writing for a technical course of study. It is a course for students that are planning on going into a technical college or field of study. We will study English concepts through the use of articles, informational texts, and other technical writing style pieces.

**AP English Literature and Composition |** College-level literature and writing class that is intended to prepare students for beginning college literature and writing courses. Therefore, one main focus in this class will be on close, deep reading of various meaningful literature selections where we will examine everything from structure, style, and theme to figurative language, imagery, symbolism, and tone. The other main focus will be on written critical analyses of those pieces of literature. Students should expect nightly reading assignments and in-depth writing each day.

**Yearbook |** Yearbook is a year-long course (typically taken in semester increments) that involves marketing, photography, and journalism skills. \*\*Only sophomores and juniors may apply for Yearbook 1.\*\* This course requires an application and will require prior approval from the adviser. Please email [landerson@wcpss.net](mailto:landerson@wcpss.net) for a copy of the application if you are interested! Yearbook 1 is a prerequisite for Yearbook 2 (Honors). Yearbook 3 (Honors) is available for students who are taking it for the third year.

## SCIENCE

**AP Environmental Science |** This advanced-level course dives into human impact on the environment, from ecosystems to population to climate change. Using hands-on lab activities, students will explore environmental topics that impact us today. Students who take this course will be eligible to sit for the AP Environmental Science exam, giving the opportunity to earn college credit.

## SOCIAL STUDIES

**African American Studies** | This class is for anyone that believes it is important to teach African American history with the perspective that Black History is American history. Topics studied include: racial identity, Africa's rich history and its influence on American culture including art, music, and literature, origins of racism, modern day issues and so much more. This class will offer you the opportunity to discuss, create, debate, and share ideas and experiences.

**AP Human Geography** | AP Human Geography is a social science that seeks to answer these two fundamental questions: 1. Where does human activity happen? And 2. Why does it happen here? Students will see the world through a geographer's eyes, build social studies skills in writing, research and discussion, and make connections between past, present, and future locations around the world. This course allows us to look at past decisions and see how they are influencing our decisions today. We focus on current events and how they impact our current world today. AP Human Geography focuses on seven core areas: 1. Geographic Perspective - looking at the world through different viewpoints, 2. Population Geography - answer questions about why people move and what the future holds for population growth, 3. Cultural Geography - religion, language, culture of various groups in the world, 4. Political Geography - find out why countries are fighting over borders and why are boundaries so confusing, 5. Agricultural Geography - where did your cup of coffee come from and is your food safe to eat? 6. Economic Geography - distribution of resources and globalization, 7. Urban Geography - explain how cities are developed and laid out in various patterns .

**AP Psychology** | Psychology is the study of the human mind, its functions, and the behaviors that occur as a result of these functions. In short, why you are the way you are. This is considered an introductory class, meaning that students will receive an overview of the entire spectrum of psychology. Students will learn the various theories of how the mind develops and functions, what processes occur within the brain and the nervous system, how sensory data is processed to create a world view, and how various approaches to psychology is used and practiced in the real world. This course is AP level, taught in a collegiate style with collegiate-level material.

**AP US History** | APUSH will challenge you to channel your inner historian to analyze events in American history from 1491 to the present and give you the tools you need to be a better reader, writer, and thinker! While the course is reading and writing heavy, you will also have opportunities for hands on activities, debate, and creative expression. This class is more rigorous than an academic or honors level history class in order to prepare you to successfully complete the AP US History exam offered in May. Doing well on this exam can earn you college credit!

**AP US Government and Politics** | AP U.S. Government and Politics offers students the opportunity to see how individuals and their ideas can shape the world in which they live; it invites them to explore central questions of liberty and justice in practice. Students will develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities as citizens.

## **MATH**

**AP Statistics** | We focus on collecting, analyzing, and drawing conclusions from data. We will use a variety of calculator and computer based software to explore trends and make inferences about the actual world we live in. This means that throughout the semester, students will be encouraged to research, study, and experiment in fields of their own choosing. In the past students have completed projects on topics in agriculture, traffic control and engineering, health sciences, sports, politics, and psychology. Statistics is one of the most versatile tools as you prepare for a major or career in psychology, sociology, political science, economics, planning, business, earth science, or life science. Highlights of the course include: M&M lab, casino game lab, the statistics of bracketology, Kan Jam optimization problem, and the capstone course project that you design yourself.

**AP Calculus AB/BC** | *Calculus is fundamentally different from the mathematics that you have studied previously. Calculus is less static and more dynamic. It is concerned with change and motion; it deals with quantities that approach other quantities.* -Stewart

Calculus is an exciting course that has advantages such as the potential to earn college credits, improving the competitiveness of college applications and better preparing students for college-level work. Calculus AB is best suited to students who are strong in math and want a foundation in calculus. Students will express ideas, solutions, and problems graphically, numerically, analytically, and verbally. Students will communicate

mathematically including questioning, hypothesizing, discovering, solving, justifying, proving and teaching. This course can also be a great option for students who want to satisfy a college math requirement but do not necessarily wish to pursue a career in a math-related field.

## HEALTHFUL LIVING

**Community First Aid & Safety** | This course is designed to teach the basic knowledge and skills related to first aid, cardiopulmonary resuscitation, and athletic injuries. Students have the option of American Red Cross certification in Adult CPR, First Aid and AED. This course is beneficial to students interested in lifeguarding (separate certification course required), baby-sitting or other allied health care careers. This is a good prerequisite course for students interested in Sports Medicine

**Weight Training & Conditioning** | This course is designed to give students the opportunity to learn weight training concepts and 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 weight training, 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.

**Personal Fitness** | This course will focus on personal fitness and active participation. Students will work daily to improve their cardio-respiratory endurance, flexibility, muscle strength, muscular endurance and body composition. Strength training will be the major focus of the class. Improving your strength through weight lifting, push-ups, pull-ups, dips and a variety of strength training exercises.

**Lifetime Sports** | This course is designed to include the development of general personal fitness, active participation in lifetime sports such as golf, table tennis, badminton, archery, tennis, and bowling. This course includes the history, rules, and terminology with an emphasis in skill development.

**Team Sports |** This course will focus on team sports and active participation. Basketball, Soccer, Volleyball, Flag Football, Ultimate Frisbee, Softball, and Hockey will be the team sports emphasized. The history of the sport, rules of the sport, and skill development will be taught. Learning to work together as a team, good sportsmanship, leadership opportunities and peer coaching will be a major part of the class. There will be class competition and tournaments.

**Sports Medicine 1 |** This is an introductory course in athletic training. Students acquire basic knowledge, information and skills related to athletic training and encourages them to consider athletic training and sports medicine as a possible allied health care career. Topics include the Athletic Trainer and Sports Medicine Team, Organization and Administration of an Athletic Training Program, Environmental Conditions, Emergency Procedures, Bloodborne Pathogens, Mechanism of Athletic Injuries, General Anatomy and CPR. This is a prerequisite course for Sports Medicine II.

**Sports Medicine 2 |** This is a mid-level course in athletic training. Topics include anatomy, injuries, evaluation and treatment to the following: foot, ankle, lower, knee, hip, thigh, pelvis, spine, and shoulder. This course is a prerequisite for Sports Medicine III and IV.

**Honors Sports Medicine 3 & 4 |** These courses are advanced-level honor courses in athletic training. Topics include elbow, wrist, hand, chest/abdomen, concussion, treatment/modalities, rehabilitation and medical documentation. These courses are designed to challenge the student to work independently in the classroom and to get experience with our after-school sports medicine program to apply knowledge gained in previously taken Sports Medicine courses.

## **ARTS**

**Modern Dance - Beginning |** Beginning Dance introduces the students to body awareness, alignment, movement skills, terminology, improvisation, dance history, beginning composition and performance values. Students will be exposed to a variety of styles of dance throughout the course.

**Modern Dance II - Intermediate |** Intermediate Dance offers a more in depth exploration of dance movement and is designed for students who have demonstrated mastery of the

standards from the Beginning Dance class curriculum. Students will continue to increase knowledge of dance terminology, further develop and strengthen movement skills, body awareness, alignment, improvisation, dance history, intermediate composition and stronger performance values.

**Modern Dance III Honors - Proficient** | A rigorous and comprehensive exploration of dance movement and is designed for students who have already demonstrated mastery of the standards for the Intermediate Dance curriculum. The Honors III-Proficient Dance course focuses on a strong understanding of dance terminology and technique, improvisation, composition and performance skills. This level creates student choreography for the stage.  
TEACHER RECOMMENDATION ONLY

**Modern Dance IV Honors - Advanced** | The most rigorous and comprehensive exploration of dance available at the high school level. It is designed for students who have already demonstrated mastery of the standards covered in the Proficient Dance curriculum. The course focuses on a deeper understanding and refinement of technique, improvisation, and choreography and takes part in school and community performances. TEACHER RECOMMENDATION ONLY

**Dance Team (Extra Curricular)** | Dance Team is an audition based performance group. The team focuses on jazz, hip hop and lyrical. This team performs in school events, pep rallies, football and basketball games, parades, competitions and other community events. Dance Team rehearses weekly, after school. Contact Ms. Harrison at [rharrison@wcpss.net](mailto:rharrison@wcpss.net) for more information.

**Vocal Music (Chorus) Beginning, Intermediate, Proficient, Advanced** | The Choral Music program is designed to enhance the musical, creative and expressive qualities of all students. The choral class is designed for students to apply musical skills as they continue to create and experience music as an ensemble.

**Visual Arts Beginning** | Visual Arts Beginning is a studio class designed to explore the elements and principles of art and design. You will investigate materials, and concepts in order to create your own artwork. We will explore concepts of Science, Technology, Engineering, Mathematics, and Literacy and we will learn how they relate to Visual Art.

Respect and responsibility are the foundation of this class: personal responsibility, social responsibility, respect for yourself and for your work, as well as respect for others and their work.

Most importantly though, you will learn that the best art teacher you will ever have is yourself. You will learn to fearlessly explore your own imagination and you will learn to have full faith in your own creative instincts.

**Visual Arts Intermediate** | This course offers a more in-depth exploration of basic Art design for students who demonstrate mastery of the standards from the Beginning Art Curriculum. Students will continue to increase knowledge of design terminology and skill based composition and values.

**Visual Arts Proficient** | This Honors level course offers a more in-depth exploration of basic Art design for students who demonstrate mastery of the standards from the Beginning Art Curriculum. Students will continue to increase knowledge of design terminology and skill based composition and values.

**Visual Arts Advanced** | This Honors level course focuses on a strong understanding of Art Elements and Design Principles terminology and technique, composition and performance skills. This level creates student independence and real-world practical application for Studio Design and Portfolio Development. A practical Artistic Design licensure for students who have already demonstrated mastery of the NC Essential Standards for the Visual Arts Proficient Curriculum.

## CTE

**Agriscience Applications** | An introductory course designed to teach students about the world of Agriculture. The course covers a diverse range of topics and skills spanning the field of Agriculture. Students will complete units on leadership development, Ag. Engineering, Animal Science, Environmental Science and Plant Science. There are no prerequisites for this course.

**Horticulture Program (Horticulture I and Honors Horticulture II)** | We are proud to offer Horticulture I and Honor Horticulture II in our Agriculture Department. In these courses, students will learn how to reproduce, grow and care for plants and the environment in which



these plants will live. These courses are "hands on". Most of our learning activities will take place in our greenhouse and shop areas.

**CTE Advanced Studies - Agriculture |** This course is available to Juniors or Seniors who have successfully completed Horticulture I and Horticulture II. This course involves Agricultural Engineering (shop activities), greenhouse operations and product research. Students demonstrate their ability to use content and apply knowledge to real-world situations in a career major. In addition, they will also demonstrate their ability to write, speak, apply knowledge, problem-solve, and use life skills such as time management, planning, follow-through, and organization. FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

**Animal Science 1 |** Students will learn about the management, nutrition, and purpose of livestock animals, like cattle, pigs, poultry, and horses. Students also learn about the importance of the livestock industry with an economic and career component of the course.

**Animal Science 2 |** Students will learn about the management, nutrition, healthcare (including diseases and prevention techniques), of small animals like dogs, cats, parrots, guinea pigs, chinchillas, rabbits, fish, reptiles, and amphibians. Students also learn about the importance of the companion animal industry with an economic and career component of the course. This course prepares students for Veterinary Assisting.

**Equine Science 1 |** Students will learn about the history, basic terminology, behavior, and handling of horses and ponies. This course also includes an economic and career component. This course prepares students for Equine Science 2.

**Equine Science 2 |** Students will take the information learned in Equine Science 1 and apply their knowledge to create skills needed for entry level positions in the industry. This course is mostly teaching equine management skills. The course does include components for economics, breeding, nutrition, and selection.

**CTE Advanced Studies -Animal Science/Equine Science |** Students will complete a research project with skill components about either an animal science topic or equine science topic. Students demonstrate their ability to use content and apply knowledge to

real-world situations in a career major. In addition, they will also demonstrate their ability to write, speak, apply knowledge, problem-solve, and use life skills such as time management.

**Carpentry 2 |** Are you more of a hands on type of student? This course builds on skills mastered in Carpentry I and provides an emphasis on roof framing procedures, roofing applications, thermal and moisture protection, windows and exterior doors installation, exterior finishing. We do this by building sheds , going on field trips and doing great hands on projects like cutting boards and bird houses.

**Digital Design & Animation I |** A fun way to learn about the things creative people need to know to begin careers in some of the most interesting industries out there. It's an introductory level course focusing on the concepts and tools used by digital artists in a wide variety of creative careers including **graphic design, film and game design**. Students work with professional-grade creative software packages to develop 2D and 3D digital graphics and audio/video media.

**Introduction to Engineering Design |** This course allows students to explore the role of an **engineer**, the design process, product design and designing as an engineer. Students will utilize an engineering problem-solving approach to learn how ideas are transformed into usable solutions. Course topics include sketching, computer aided design (CAD), measuring, the geometry of design, and product design as a team. *College/university credit is available to all students enrolled in this course.*

**Principles of Engineering |** This is a project-based course where students explore a broad range of engineering topics including mechanisms, strength of structure and materials, energy, fluid power and automation (**robotics**), and then they apply what they know to take on **design challenges** like designing a robotic marble sorter, self-powered car and bridge. *College/university credit is available to all students enrolled in this course.*

**Technological Design |** This course continues to apply the skills, concepts, and principles of design. The design fields of graphics, industrial design, and **architecture** receive major emphasis. Engineering content and professional practices are presented through practical application. Working in design teams, students apply technology, science, and mathematics concepts and skills to **solve engineering and design problems**.

**Foundations of Health Science |** Foundations of Health Science is the first Health Science course to take if you are interested in learning more about healthcare. This is a great introduction course to help you explore learning medical vocabulary, the history of medicine, and careers in healthcare.

**Health Science I |** Health Science I is a course to take if you are interested in learning more about the human body or interested in majoring in a healthcare area of study in college. Students must complete this course to take Health Science II. This course must also be completed to apply for Nursing Fundamentals or a healthcare internship in your Senior year.

**Honors Health Science II |** Health Science II helps to prepare you for working in a medical career. If you want to major in a healthcare area of study in college, this is the course for you! Students can enroll in this class if Health Science I has been completed with a passing grade. You will create a resume, learn how to interview, become certified in CPR and complete OSHA certification. Students meet the requirements to apply for Nursing Fundamentals or a healthcare internship after completing this course.

**Biomedical Technology 1 |** The application of technology and engineering to living organisms, which can involve a range of activities from designing medical equipment or conducting research. Biomedical technology is a broad term that combines engineering and technology to solve biological or medical problems involving humans, especially the design and use of medical equipment used to diagnose and treat various diseases. Biomedical technology can also be broken down into smaller sub-fields, like biomedical informatics, engineering, science and research.

## **World Language**

**Spanish 1 |** In Spanish 1 you will be introduced to Spanish and its culture in its most basic form. Emphasis will be placed on the development of the 4 skills of listening, speaking, reading, and writing within a given context. We do not recommend that 9th graders sign up for Spanish 1. However, if a 9th grader received credit for Spanish 1 in middle school, they should sign up for Spanish 2 their freshman year. When 10th graders and above sign up for Spanish, it is very important for you to sign up for levels 1 and 2 in an uninterrupted

sequence such as back-to-back semesters. If a break in instruction is to happen it is better for it to be at the advanced levels of Spanish 3, 4 and AP. It is very difficult for students to do well in Spanish 2 if a significant amount of time passes after they complete level 1. Students who maintain A's in Spanish 1 may be eligible for the Spanish Honor Society after their first quarter of Spanish 2. This gives students who enjoy Spanish an extra incentive to do well.

**Spanish 2 |** Enrolling in Spanish 2 means you have either successfully completed Spanish 1 in high school or middle school or you have placed out of level 1 due to previous language study and/or established proficiency. Spanish 2 provides students with the opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in short conversational situations by combining and recombining learned elements of the language orally and in writing. They are able to satisfy basic survival needs and interact on issues of everyday life in the present time and past time, inside and outside of the classroom setting. They compose related sentences which narrate, describe, compare, and summarize familiar topics from the target culture. Focus is placed on understanding main ideas in simple texts. Some say Spanish 2 is the most difficult level, so it is very important to have a strong foundation in skills learned in Spanish 1.

**Spanish 3 |** Students enrolled in this course have either successfully completed the Level I and II courses at the middle or high school or have placed out of Levels I and II due to previous language study and/or established proficiency. Spanish 3 provides opportunities to expand listening, speaking, reading, and writing skills through exposure to various materials such as short stories or authentic text and media on generally familiar topics. Students continue to refine their knowledge and understanding of the target language and culture by examining the interrelationship of other cultures to their own, demonstrating behaviors appropriate in target cultures, and by applying their knowledge and skills inside and outside of the classroom setting.

**Spanish 4 |** Students enrolled in this course have successfully completed Level III at the middle or high school or have placed out of Levels I-III due to previous language study and/or established proficiency.

A major focus of this course is communication in writing and in extended conversations on familiar and some unfamiliar topics. Students begin to narrate, discuss, and support fairly complex ideas and concepts using concrete facts and topics with details in a variety of times. Many different types of text (short stories, poetry, excerpts from various periods of

literature, current events, technical manuals, and other authentic materials) are included, depending on the emphasis and providing for independent reading. Finer points of grammar are studied to aid oral and written communication.

**Heritage Spanish I |** ¡BIENVENIDOS A LA CLASE DE ESPAÑOL de Herencia II-HONOR! Este curso se enfoca en el desarrollo de la competencia comunicativa en cuanto a lectura, escritura, expresión oral y comprensión auditiva, así como en la comprensión de la cultura hispana, las costumbres, la geografía, la historia y los eventos actuales. También estudiaremos los problemas de identidad de los hijos de inmigrantes nacidos en los Estados Unidos.

WELCOME TO THE HERITAGE II-HONOR SPANISH CLASS! This course focuses on the development of communicative competence in reading, writing, speaking and listening, as well as understanding Hispanic culture, customs, geography, history and current events. We will also study the identity problems of the children of immigrants born in the United States.

**AP Spanish |** Español AP es un curso electivo académico diseñado para continuar el desarrollo de las habilidades del lenguaje para continuar usando el español. Los estudiantes podrán combinar elementos aprendidos para producir conversaciones avanzadas, interactuar sobre temas de la vida cotidiana en el presente y en el pasado, y componer ensayos relacionados que narran, describen, comparan, resumen y sintetizan sobre temas familiares. Si no tiene una base firme en el idioma español, tendrá que trabajar más fuerte para tener éxito.

El curso AP® Lengua y cultura españolas es un curso riguroso que se imparte exclusivamente en español y requiere que los estudiantes mejoren su competencia en los tres modos de comunicación. El curso se enfoca en la integración de recursos auténticos, incluyendo recursos de impresión, audio y audiovisuales en línea; así como los recursos impresos tradicionales que incluyen literatura, ensayos y artículos de revistas y periódicos; y también una combinación de recursos visuales / de impresión, como cuadros, tablas y gráficos; todo con el objetivo de proporcionar una experiencia de aprendizaje diversa.

Congratulations! You have chosen to take a very rigorous AP course. The class will be conducted totally in Spanish. It is my desire that you "raise the bar" to challenge yourselves to use a higher register of Spanish and take ownership of your learning. Throughout the year,

we will study grammar structures and read literary works. In addition, you will work extensively on writing, listening and speaking skills. You will be expected to come prepared to class so that you can be an integral part of the class discussion. Every semester you will write 3 formal essays. Once the essays have been evaluated, you will have the opportunity to make corrections and improve your grade. You will listen to a variety of language registers and obtain copious oral practice with everyday scenarios. You will be expected to communicate in Spanish in class and you are encouraged to use the language outside the classroom walls. This is the only way that you will really be able to augment your proficiency in the Spanish language. Take risks, because this will leap you into new uncharted territories but you will reap the benefits and be prepared to take the Spanish AP Test in May! Everything that we do in class is to help you reach your goals. Although the work is demanding, with proper planning and preparation, you can and will be successful. You, as students will recognize the progress that you are making in your proficiency and will feel pride in your accomplishments. "Are you ready for an awesome year"? Let's roll! The sky is the limit!