

Warren County Technical School

Program of Study

2019-2020



1500 Route 57
Washington, NJ 07882
908-689-0122

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SCHOOL SUPERVISORY PERSONNEL

ADMINISTRATION

908-689-0122

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Principal	Derrick Forsythe	forsythed@wctech.org
Assistant Principal	John Mylecraine	mylecrainej@wctech.org
Director of Curriculum and Instruction	Diana Mai	maid@wctech.org
Interim Business Administrator	Maureen Joyce	joycem@wctech.org

GUIDANCE DEPARTMENT

908-835-2819

Title	Name	Email
Guidance Counselor	Joseph Orchulli	orchullij@wctech.org
Guidance Counselor	Kristen Sarte	sartek@wctech.org
Guidance Counselor	Zana Ziegler-Harbo	zieglerz@wctech.org
Guidance Secretary	Sharon Lentine	lentines@wctech.org

School Information

Our Mission: Warren County Technical School strives to develop opportunities for vocational, academics, and personal achievement through the cooperation of students, staff, parents and community in an atmosphere of mutual respect.

Our Philosophy: Warren County Technical School provides a solid education with life-long rewards. We recognize the need to provide America's students with the skills to compete in a highly technical workforce. Our requirements go beyond the fundamentals of reading, writing, and arithmetic to encompass critical thinking skills that include problem solving, decision making, and reasoning. Furthermore, we work to develop the character and personal qualities of good citizenship in each student. All students regardless of race, gender, orientation, religious background, or disability are embraced in the community of the school as a member of the Warren Tech family

Our Goals: Warren County Technical School prepares high school graduates for the world marked by rapid change and escalating thresholds for technical and academic skills needed for success. We educate our students at all levels for these higher expectations with solid academic foundation and exposure to additional relevant career areas in addition to student primary choice. Career and Technical Education prepares students to succeed as global citizens for career opportunities for the 21st Century and to support healthy economic growth within the state.

Who We Are: Warren County Technical School in Franklin, NJ prepares students with the skills that employers are looking for. While the costs of college education continually rise and the job market becomes increasingly flooded with college graduates who are struggling to set themselves apart, it is becoming increasingly important for today's high school students to develop marketable skills that employers need, along with their college preparations. Warren Tech prepares students with these in demand career skills and its graduates take these skills to enter the workforce and to enter college programs. Graduates of Warren Tech can work their way through college by relying on the skills, licenses, certifications, and experience that Warren Tech provided them. In conjunction with the career training, Warren Tech also offers Dual Enrollment, Advanced Placement and College Prep Courses to ensure students are marketable for both careers and college programs.

Warren Tech offers real-life, hands on career training in Automotive Technology, Building Technology, Child Development, Cinematography and Video Production, Computer Programming, Cosmetology, Culinary Arts, Electrician (Residential and Commercial), Electronics Technology, General Engineering, Graphic Arts, Health Science, Law and Public Safety, and Welding and Metal Fabrication.

Warren County Technical School stands out because it offers specialized career training that prepares students with the specific skills that employers need, in addition to its traditional high school program that prepares students for college.

Students enrolled at Warren Tech run restaurants, auto shops, and cosmetology salons, build full size structures, design products, sell products, and more. They learn how to use modern equipment and technology that is used in industry today. The hands on training in these career areas cannot be mimicked in a traditional classroom setting. Students at Warren Tech are prepared to begin earning a paycheck as they gain licenses, certifications, and build networks with professionals.

In addition to the career training offered at Warren Tech, the school also offers a traditional high school curriculum that prepares students for college. Warren Tech has several Dual Enrollment courses and Articulation Agreements in place with colleges and universities including Warren County Community College, Rutgers, and NJIT. Warren Tech also offers Advanced Placement, Honors, and College Prep courses.

Students at Warren Tech have the opportunity to compete on any of our 10 NJSIAA sports teams, join a number of clubs and activities, participate in our musicals and plays, go to prom and winter gala, use our Makerspace Room and Fitness Center, become a member of a National Honor Society, compete in SKILLS USA and more.

Graduation Requirements

Local high school graduation requirements include completion of **120 credits** in courses designed to meet all of the New Jersey Student Learning Standards, including but not limited to the following:

Career and Technical Education	Students must earn 50 credits and must successfully complete four years of a Career Major Program.
English	Students must complete at least 20 credits in English language arts aligned to grade nine through twelve standards.
Math	Students must complete at least 15 credits in mathematics, including Algebra I or the content equivalent; geometry or the content equivalent; and a third year of mathematics that builds on the concepts and skills of algebra and geometry and that prepares students for college and 21st century careers.
Social Studies	Students must complete at least 15 credits in social studies, including five credits in world history; and the integration of civics, economics, geography, and global content in all course offerings
Science	Students must complete 15 credits in science, including at least five credits in laboratory biology/life science or the content equivalent; one additional laboratory/inquiry-based science course, which shall include chemistry, environmental science, or physics; and one additional laboratory/inquiry-based science course;
Physical Education and Health	Students must complete at least 3.75 credits in health, safety, and physical education during

	each year of enrollment, distributed as one hundred fifty minutes per week
Visual and Performing Arts	Students must complete at least five credits in visual and performing arts.
World Language	Students must complete at least five credits in world language.
Financial Literacy	Students must complete at least 2.5 credits in in financial, economic, business, and entrepreneurial literacy.

The high school graduation credit requirement may be met in whole or in part through program completion of a range of experiences that enable students to pursue a variety of personalized learning opportunities, as follows:

The district shall establish a process to approve individualized student learning opportunities that meet or exceed the NJSLS. Individualized student learning opportunities in all NJSLS areas include, but are not limited, to the following: (1) Independent study; (2) Online learning; (3) Study abroad programs; (4) Student exchange programs; and (5) Structured learning experiences, including, but not limited to, work-base programs, internships, apprenticeships, and service learning experiences.

Course Selection Worksheets

Students in Grade 9 – 11 Must Enroll in 40 Credits. Students in Grade 12 Must Enroll in at Least 30 Credits.

*When scheduling students into academic classes for the next school year—level placement will be determined by student performance in the same academic program. In order to move up an academic level the student will need to earn a 90% average or higher (or receive *****TEACHER RECOMMENDATION*****) in current level class at the time of scheduling. In order to stay at the same academic level, the student will need to earn a 75% average or higher (or receive *****TEACHER RECOMMENDATION*****) in current level class at the time of scheduling.*

Grade 9

Subject	English	Math	History	Science	Language
Course Choices	English 9	Algebra I	World History	Environmental Science	Spanish I
	English 9	Geometry	World History	Environmental Science	Spanish I Honors
	English 9 Honors	Geometry Honors	World History Honors	Environmental Science Honors	Spanish II Honors

All 9th grade students will also take Health / PE 9, Freshman Seminar, and the first year of a Career Major.

Grade 10

Subject	English	Math	History	Science	Elective
Course Choices	English 10	Geometry Honors	US I	Biology	Spanish II
	English 10 Honors	Algebra II	US I Honors	Biology Honors	Computer Programming
		Algebra II Honors			Intro to Psychology

All 10th grade students will also take Health / PE 10, Art, and the second year of a Career Major.

Grade 11

Subject	English	Math	History	Science	Elective
Course Choices	English 11	Algebra II			One Elective Course from List on Next Page.
	English II Honors	Algebra II Honors	US II	Chemistry	
	AP Language and Composition	Intermediate Algebra	AP American History	Chemistry Honors	
		Pre-Calculus		Earth Science	

All 11th grade students will also take Health / PE 11, and the third year of a Career Major.

Grade 12

Subject	English	Math (Optional)	Science (Optional)	Senior Option	Elective Courses
Course Choices	English 12	Pre-Calculus		Students May Participate in a Senior Option Program where they do not have classes Period 1 or 2	Multiple Elective Courses from List on Next Page.
	English 12 Honors	Pre-Calculus Honors	AP Chemistry		
	AP Literature and Composition	AP Calculus AB	Physics Honors		

All 12th grade students will also take Health / PE 12, and the final year of a Career Major.

Eleventh and Twelfth Grade Elective Courses

Personal Finance ½ Year (Must be Completed Junior or Senior Year)

History of Film ½ Year

Sociology (Dual Enrolled) ½ Year

Modern History ½ Year

Intro to Business (Dual Enrolled)

Accounting (Dual Enrolled)

Social Media Marketing (Dual Enrolled)

Creative Writing

SAT Prep / Writing Lab

Art for the Trades II

Forensic Science

AP Psychology

Fitness

Academic Information

Grading Scale

The grading scale utilized by Warren County Technical School is the recommended grading scale from the College Board. Each marking period grade is calculated as 20% of the final grade for a full year course. The final exam is calculated as 20% of the final yearly average. All Honors and AP courses are weighted with a +.5 for GPA calculations.

Letter Grade	Percent Grade	4.0 Scale
A+	97-100	4.0
A	93-96	4.0
A-	90-92	3.7
B+	87-89	3.3
B	83-86	3.0
B-	80-82	2.7
C+	77-79	2.3
C	73-76	2.0
C-	70-72	1.7
D+	67-69	1.3
D	65-66	1.0
F	Below 65	0.0

Academic Honors

High Honor Roll- Awarded to students who have attained a 93 or above in all classes.

Honor Roll- Awarded to students who have attained an 85 or above in all classes.

Progress Reports/Report Cards

The Assistant Principal will email all parents at the mid-marking period and end of marking period dates to inform them that Progress Reports and Report Cards are available to view on the Genesis Parent Portal. If a parent/guardian would like a paper copy of your Progress Report or Report Card, please have them contact Ms. Lentine in the Main Office at (908) 835-2819.

Failure Policy

There are ample tutoring help sessions and other avenues for improvement available to students who seek assistance. If a student fails for the year, he/she will be notified in writing of the status

of the course make-up possibilities. If a student fails any subject for the year, he/she will have to make arrangements through the guidance department to take summer school classes.

If a student fails three or more classes or his/her career major* for the year, he or she will need to transfer back to their home school district. A letter explaining the justification for this change in academic placement will be sent at this time, which outlines the appeal procedure for this decision.

*FEE BASED CREDIT RECOVERY OPTIONS EXIST ONLY FOR ACADEMIC COURSES.

*THERE ARE NO CREDIT RECOVERY OPTIONS FOR CAREER MAJORS IN SUMMER SCHOOL.

State Assessment Requirements

The Class of 2019 – Students graduating as members of the Classes of 2019 can meet graduation assessment requirements through any of these three pathways:

- (1) Achieve passing scores on high school level PARCC assessments;
- (2) Achieve scores defined in the table below on alternative assessments such as the SAT, ACT, or Accuplacer; or
- (3) The submission by the district of a student portfolio through the New Jersey Department of Education's (NJDOE) portfolio appeals process. (Special Education students, whose Individualized Education Plans (IEPs) specify an alternative way to demonstrate proficiencies, will continue to follow the graduation requirements set forth in their IEPs.)

The Class of 2020 – Students in the Class of 2020 can demonstrate graduation assessment proficiency through:

- (1) Pass the PARCC Algebra I and English language arts/literacy (ELA) grade 10 assessments The following pathways are available to students after they have taken all applicable PARCC assessments for each of the courses in which they are enrolled:
- (2) Achieve scores defined in the table below on alternative assessments such as the SAT, ACT, or Accuplacer, PARCC ELA 9, ELA 11, Geometry, Algebra II; or
- (3) The submission by the district of a student portfolio through the NJDOE's portfolio appeals process.

The Class of 2021 and Beyond – Starting with the Class of 2021, students will only have two pathways to meet the high school graduation assessments requirements:

- (1) Pass the PARCC Algebra 1 and English language arts/literacy (ELA) grade 10 assessments;
- (2) The submission by the district of a student portfolio through the NJDOE's portfolio appeals process, assuming the student has taken all PARCC assessments associated with the high school level courses for which they were eligible* and received valid scores.

Each school year the NJDOE will determine the proficiency level needed on the assessments to meet the requirement.

Program Selection

With the assistance of their counselor, using the recommendations provided by their classroom teachers, students will select their courses. Parents are encouraged to contact the counselor if they have any questions regarding course selection. A typical program consists of nine periods of instruction, usually four academics, physical education one/two electives, and two/three career and technical education. Courses are offered based upon student enrollment. Under-enrolled courses may be cancelled prior to school opening. Students are required to select alternate elective courses in priority order. To meet the needs of competitive universities, a challenging academic schedule should include four years of coursework in English, mathematics, Social Studies, and Science and at least three years of a foreign language. Additional consideration will be given for Honors and Advanced Placement courses.

Course Level Recommendation

Any decision concerning a student's course placement will be made cooperatively between classroom teachers and guidance staff using the following criteria.

- Current academic achievement
- Motivation, study habits, effort, and maturity.
- AP level class may require submission of examples of student work and/or interview.

Schedule Changes

A change in a student's schedule must have merit and meaning behind it. Students are encouraged to review their schedule the week before school begins and email any transfer requests to their guidance counselor. After September 30th, no schedule changes will be made unless warranted by the Child Study Team or the Administrative team. Seniors will be given first priority.

Career & College Readiness

In addition to the career training offered at Warren Tech, the school also offers a traditional high school curriculum that prepares students for college. Warren Tech has several Dual Enrollment courses and Articulation Agreements in place with colleges and universities including Warren County Community College, Rutgers, and NJIT. Tech also offers Advanced Placement, Honors, and College Prep courses.

Activities

Students at Warren Tech have the opportunity to compete on any of our 10 NJSIAA sports teams, join a number of clubs and activities, participate in our musicals and plays, go to prom and Winter Gala, use our Makerspace Room and Fitness Center, become a member of a National Honor Society, compete in SKILLS USA and more.

NJSIAA Sports

Boys/Girls Cross Country
Boys/Girls Soccer
Boys/Girls Basketball
Cheerleading
Baseball
Softball
Girls Volleyball
Boys/Girls Bowling

Clubs

FIRST ROBOTICS
Gamers' Club
Key Club
National Honors Society
Peer 2 Peer
SkillsUSA
Student Government
Police Explorers
Health Care Explorers

Structured Learning Experiences (SLE)

Structured Learning Experiences (SLE) are designed for students who would like to work in their field of interest. An SLE can be during or after school and be paid or unpaid and can last from a few days to months. These experiences are structured supervised activities that may take place in a workplace or agency or a non-profit community organization. The SLE experiences are designed to give students structured, supervised activities that will assist them to clarify career goals, explore career possibilities, develop employable skills, or make the transition between school and employment or further education and training. All structured learning experiences must adhere to applicable state and federal child labor laws and other rules of the State Departments of Education and Labor. Structured learning experiences may include, but are not limited to: apprenticeships, internships, job shadowing, cooperative education, school-based enterprises, volunteer activities, and vocational student organizations.



Course Descriptions – Career and Technical Education

Warren County Technical School requires that all students complete fifty credits in their chosen Career and Technical Education Program. Students may only change career majors during their ninth grade year. Warren County Technical School offers 15 distinct Career Major Programs.

Automotive Technology

Building Technology

Child Development

Cinematography and Video Production

Computer Programming

Cosmetology

Electrician (Residential and Commercial)

Electronics Technology

General Engineering

Graphic Arts

Health Science

Culinary Arts

Law and Public Safety

Welding and Metal Fabrication

Automotive Technology

Required Course Sequence

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Automotive Technology I 10 Credits 80 Min. per Day	Automotive Technology II 10 Credits 80 Min. per Day	Automotive Technology III 15 Credits 120 Min. per Day	Automotive Technology IV 15 Credits 120 Min. per Day

Program Description

The Automotive Technology Career Major Program is a comprehensive course of study that incorporates all aspects of the automobile. Students explore automotive systems and their components and learn how to apply operating principles, diagnose malfunctions, and perform a full range of automotive repairs.

The Warren Tech automotive facility is an ASE (Automotive Service Excellence) certified shop which provides students with the opportunity to not only learn from certified master mechanics, but also gain hands-on experience and earn ASE Industry Certifications.

These certifications make graduates of this program very marketable to prospective employers. Students in this program are assisted with job placement opportunities through Warren Tech's Structure Learning Experience (SLE) that allows students to obtain employment and receive high school credit for it during the school day.

Students in the Automotive Technology Program have a variety of post-secondary options. Students enrolled in Automotive Technology classes at Warren Tech are prepared to continue their education through a partnership with Warren County Community College where they are able to earn up to 16 credits towards their Associate's Degree while still in high school.

Warren Tech automotive students are also introduced to automotive trade schools and are prepared to continue their education at one of the schools. Warren Tech graduates from this program have continued their education at Universal Technical Institute (UTI), Lincoln Tech, BMW Service Technician Education Programs, and other technical programs.

Automotive Technology students are also prepared to enter the workforce straight out of high school. By successfully completing the four year course of study, student have the skills and certifications that they need to begin a career as an automotive technician.

Building Technology

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Building Technology I 10 Credits 80 Min. per Day	Building Technology II 10 Credits, 80 Min. per Day	Building Technology III 15 Credits, 120 Min. per Day	Building Technology IV 15 Credits, 120 Min. per Day

Program Description

The Building Technology program at Warren Tech is a comprehensive course of study that incorporates all aspects of building and construction. Students explore a full range of construction trades, gaining mastery of critical skills including blueprint reading, masonry and foundation work, carpentry and framing, siding, roofing, and finish work including spackling, painting, flooring, and millwork.

Students have the opportunity to work on a wide variety of custom ordered construction projects and other hands-on work. Students are assisted with job placement opportunities through Warren Tech's Structure Learning Experience (SLE) that allows students to obtain employment and receive high school credit for it during the school day.

At the completion of the program, students have successfully achieved the skills to work in a variety of fields. Students in this program are also able to obtain industry certifications such as the S/P2 Safety & Pollution Prevention Training and OSHA credentials.

Students in the Building Technology Program have a variety of post-secondary options. Students enrolled in the Building Trades Academy at Warren Tech can begin preparing for two or four-year college programs by pairing their shop program with college prep courses. This career path is one way for our students to master the skills necessary to start them on the path of owning their own construction company. Students also have the opportunity to continue their technical training at trade schools such as Triangle Tech.

Students in the Building Technology Career Major are also prepared to enter the workforce upon graduating from Warren Tech. Students develop in demand construction skills that can help them obtain employment with union and independent contractors or in the home improvement and construction supplies retail industry. Students in this program are assisted with job placement opportunities to include Warren Tech's Structure Learning Experience (SLE) that allows students to obtain employment while still a student.

Child Development

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Child Development I 10 Credits 80 Min. per Day	Child Development II 10 Credits 80 Min. per Day	Child Development III 15 Credits 120 Min. per Day	Child Development IV 15 Credits, 120 Min. per Day

Program Description

The Child Development Career Major introduces students to the developmental characteristics of children, including physical, emotional, and cognitive development. Students in this career are prepared for professions in child care and education and learn many of the skills required for working with children of various ages. In this program, students work towards obtaining industry credentials including Child Development Associate (CDA) certification, which is the most widely recognized credential in early childhood education.

Students in this program gain hand-on experience working in an active preschool run by the students in the program. Under the guidance of the instructor, students develop and teach lessons and activities to pre-school students. These field experiences are in concert with the laws governing professional child care training facilities. In addition to experience with preschool age children, students in the Child Development Career Major gain experience writing lessons and activities designed for students of varying ages and ability levels.

Many students in the Child Development Program continue their education at a two or four-year college or university. Students in this pathway traditionally are seeking future employment in education as a teacher, guidance counselor, or educational support staff. By completing this four-year program of study, students have the ability to earn up to 9 college credits through an articulation agreement with Warren County Community College. The curriculum allows students to gain experience working with young children and in developing and implementing lessons while preparing for college teacher preparation programs.

Students in the Child Development Career Major also have the opportunity to enter the workforce directly upon graduation from Warren Tech. Students who choose this option generally seek employment after high school in child care centers or other venues working directly with small children.

Cinematography and Video Production

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Cinematography and Video Production I 10 Credits 80 Min. per Day	Cinematography and Video Production II 10 Credits 80 Min. per Day	Cinematography and Video Production III 15 Credits 120 Min. per Day	Cinematography and Video Production IV 15 Credits 120 Min. per Day

Program Description

The TV, Radio & Digital Media Career Major is a comprehensive, process-centered program which prepares students interested in the area of multi-media production for careers in the field. Students integrate digital video, graphics, sound, and animation to create a wide range of projects. Students have the opportunity to experience instruction in audio and video production and editing. Students are further able to combine these processes to create professional and industry appropriate projects and production pieces.

Students in their third year of this program produce a daily news broadcast which informs students and staff of school happenings and important announcements. They rotate through the crew positions and create their own segment to add once a week. This real world experience takes place in a state of the art studio with cutting edge equipment, preparing students for work in the television production.

Students learn all aspects and parts of the production process, from the initial storyboard to distribution. The career major program offers students the opportunity to work on long-term assignments, such as documentaries, short movies, and a variety of live practical jobs.

The Warren Tech TV, Radio, & Digital Media Career Academy provides students with the skills needed to pursue a post-secondary education in television and radio production at colleges and universities. Field trips to real-life studios enhance students' experience in the program. Past field trips have included professional studios such as FOX News, WRNJ Radio, and WWE Studios.

The project-based approach prepares students with the skills needed for seamless entry into colleges where they can continue their education needed for employment in the field of TV, Radio, & Digital Media.

Computer Programming

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Computer Programming I 10 Credits 80 Min. per Day	Computer Programming II 10 Credits 80 Min. per Day	Computer Programming III 15 Credits 120 Min. per Day	Computer Programming IV 15 Credits, 120 Min.per Day

Program Description

In the Computer Programming Career Major, students will learn the fundamentals of computer programming, as well as some advanced features of the Python language.

In the four year course of instruction, students begin by learning the basics of computer programming before advancing to more complex applications and concepts. Students begin their programming by using an intuitive graphical learning environment that allows them to visually learn key programming concepts such as commands, loops, and functions. This background will prepare students to write real-world standalone Python programs.

Throughout the sequence of courses students will write programs that solve a variety of problems and complete a large variety of tasks. Students are also introduced to Object Oriented Programming.

Much of the program is project based. Students are able to apply the skills that they have learned on multiple, long-term, student-selected programs. Students learn about customer relations, working in cooperative teams, and creative thinking and problem solving. These skills prepare students for the workplaces of the 21st Century.

Students are able to complete two Advanced Placement courses as part of their sequence of study where they have the opportunity to earn college credit; AP Computer Science Principles and AP Computer Science A.

Warren Tech Computer Programming Career Major provides students with the skills needed to pursue a post-secondary education in the discipline. Students in this program produce live projects and have the opportunity to work with a variety of programs and equipment.

Cosmetology

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Cosmetology I	Cosmetology II	Cosmetology III	Cosmetology IV
10 Credits	10 Credits	15 Credits	15 Credits
80 Min. per Day	80 Min. per Day	120 Min. per Day	120 Min. per Day

Program Description

The Cosmetology Career Major is a four-year program designed to prepare students for a career in the cosmetology and barbering fields. The state licensing program is preparing students for the New Jersey State Board of Cosmetology and Hairstyling exam. The program introduces students to skills that can be used in a variety of careers including barber, beautician, hairstylists, manicurists, and skin care specialists. The program provides students with guided, hands-on clinical training through the operation of a salon which is open to the public. In addition to this practical training, students are taught all required academic material for licensure, including color theory, hygiene and sterilization, and cosmetology related chemistry.

Students take the written and practical components of the state licensing exam at the end of their senior year. Upon passing these exams, students obtain licensure in the State of New Jersey to begin a career in the field.

Many students enrolled in the Cosmetology Career Major continue their education in college. Some pursue degrees in fashion or related fields and use their education in cosmetology as a foundation for those programs. Others use their cosmetology license to begin working in rewarding careers while pursuing a college education in other areas.

The Cosmetology Career Major prepares students for employment immediately upon licensure. The program also prepares students for future entrepreneurial opportunities in operating a salon or barber shop. Students in the program operate a full service clinical salon on campus and learn the important soft skills that are needed to be successful in service industries including customer service, teamwork, and cooperative problem solving.

Culinary Arts

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Culinary Arts I	Culinary Arts II	Culinary Arts III	Culinary Arts IV
10 Credits	10 Credits	15 Credits	15 Credits
80 Min. per Day	80 Min. per Day	120 Min. per Day	120 Min. per Day

Program Description

The Culinary Arts Career Major is a comprehensive four-year program that prepares students for college hospitality programs as well as various positions in the food service industries. In this program students learn and practice management techniques, food production, food purchasing, safety, nutrition and sanitation. Students gain hands on experience in restaurants facilities operations through running an in-house restaurant that is open to the public several days a week. In this restaurant, student complete all of the tasks required in running a restaurant, providing valuable experience in preparation for future careers.

Students in this program host regular catered events and programs, all while preparing for careers in the field of culinary arts. This program also features an agreement with Warren County Community College that enables students to continue their education at Warren County Community College, where they can earn an Associate Degree in Applied Sciences in Food & Beverage Management. Students also receive their ServSafe certification while at Warren Tech.

Students enrolled in Culinary Arts classes at Warren Tech may choose to continue their education in college culinary programs, other students may choose to enter the workforce directly upon graduation, where they develop in-demand culinary skills in customer service, baking & pastry, and food preparation. Additionally, students in the program obtain a ServSafe certification. Students in this program are assisted with job placement opportunities to include Warren Tech's Structure Learning Experience (SLE) that allows students to obtain employment during the school day while still earning high school credit.

Electrician (Residential and Commercial)

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Electrical Applications I 10 Credits 80 Min. per Day	Electrical Applications II 10 Credits 80 Min. per Day	Electrical Applications III 15 Credits 120 Min. per Day	Electrical Applications IV 15 Credits 120 Min. per Day

Program Description

The Electrical Applications Career Major at Warren Tech prepares students for in demand careers as residential, commercial, or industrial electricians. The program also prepares students with a strong foundation of knowledge should they choose to continue their studies in an electrical engineering college program.

This four year course of study introduces direct current theory, alternating current theory, and Ohm's law. These principles provide students with a thorough understanding of how electricity works. Students are also able to apply this information in a variety of practical applications. Students draw, build, and troubleshoot real circuits under the direct supervision of the instructor. Students gain hands-on experience completing electrical installation and repair in real world settings.

Students explore the ever changing environment of residential, commercial, and industrial, and electrical applications. Students are prepared for current careers as they are introduced to modern technology such as home automation technology.

Through collaboration with the local electrical union, students completing this program may qualify to enter into the IBEW Local #102. Graduates from Warren Tech's Electrician program will have an advantage in applying for a New Jersey electrical contracting licenses

Although many students in this program choose to continue their education at a two or four-year college or university, students in the Electrician Career Major are prepared to pursue jobs upon graduating from Warren Tech. Students develop in demand commercial, industrial, and residential wiring skills that help them obtain employment with union and independent contractors or in the home improvement and construction supplies retail industry. Students in this program are assisted with job placement opportunities to include Warren Tech's Structure Learning Experience (SLE) that allows students to obtain employment while still a student.

Electronics Technology

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Electronics Technology I 10 Credits 80 Min. per Day	Electronics Technology II 10 Credits 80 Min. per Day	Electronics Technology III 15 Credits 120 Min. per Day	Electronics Technology IV 15 Credits 120 Min. per Day

Program Description

Warren County Technical School's Electronics Technology Career Major is a comprehensive program covering electronic theory. The program starts with basic electrical circuits and progresses through complex circuit analysis. The theory learned is applied to advanced programming of microcontroller circuits.

Students who complete this program will have the ability to either seamlessly integrate into the work environment or go onto institutions of higher learning. Much of the information taught in the program is taught at the college level, preparing students for post-secondary education. Students pass industry certification exams such as A+ for computers or CEA for electronic technicians.

The program starts with an introduction to skills needed for many careers in electronics. Students are trained to utilize common test instruments while learning about circuit construction. Student's progress to advanced electronic theory, including the basics of semiconductors and power supplies, transistor theory, and amplifier circuits.

Students' progress to Digital concepts. This theory forms the basis for students to learn computer/network troubleshooting and maintenance. Students are also introduced to robotic concepts, computer microcontrollers and their programming. Students are challenged to write software which controls various robotic devices. In the final year of the program students pick one or more specialized topics to study. These topics include: project design and management, A+ computer repair and maintenance, or technology for green renewable energy. Throughout this school year, students take one of many industry-accepted, certification exams in computers, electronics, or energy. Students in this program design and build real life projects using advanced electronic theory as well as modern technology and equipment.

General Engineering

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
General Engineering I 10 Credits 80 Min. per Day	General Engineering II 10 Credits, 80 Min. per Day	General Engineering III 15 Credits, 120 Min. per Day	General Engineering IV 15 Credits, 120 Min. per Day

Program Description

The Warren Tech General Engineering Career Major provides students with the skills needed to pursue a post-secondary education in Engineering, Design, Manufacturing and/or Architecture. The use of two dimensional and three dimensional Computer Aided Drafting and Design (CADD) software (AutoCAD, Inventor and Revit) is an essential tool applied within this program. The program also provides architecture practices involved in the design and layout of residential floor plans, elevations and site plans according to the National CAD Standard (NCS).

Students in the program develop the technological literacy and problem solving skills that are invaluable in their first year post-secondary education. The program offers experiences in FIRST Tech Challenge (FTC) in which students design, build, program, and operate robots. Students develop STEM skills and practice engineering principles while realizing the value of hard work, innovation, fund raising, design and marketing. The teams also do community outreach for which they can win awards.

Students in the engineering program learn to solve problems. Students in this program have the opportunity to be creative and independent thinkers as well as collaborators on teams. In these student led projects, students are able to apply the academic concepts that they are learning to hands-on applications.

In the Engineering/Architecture program students are introduced to safe operation of various manufacturing tools and equipment (drill press, milling machine, lathe and rapid prototype machine). They are also introduced to numerous software programs that are used regularly in the industry.

Students in the Engineering program prepare for admission into post-secondary engineering and architecture programs. Students have the opportunity to earn college credit from the New Jersey

Institute of Technology (NJIT) while a student at Warren Tech. Students who complete the program have a good foundation of knowledge entering college.

Graphic Arts

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Graphic Arts I 10 Credits 80 Min. per Day	Graphic Arts II 10 Credits 80 Min. per Day	Graphic Arts III 15 Credits 120 Min. per Day	Graphic Arts IV 15 Credits 120 Min. per Day

Program Description

In Graphic Arts students develop skills in developing, designing, and producing a wide variety of products. Students explore technologies of design, printing, publishing, and packaging processes that are required for graphic arts, commercial advertising, and marketing industries. The four-year program of study encompasses all graphic processes from origination of the idea to the production, finishing, and distribution of the finished products.

The program involves the creation of multi-dimensional products and electronic transmissions. It integrates technologies of pre-press, digitizing, interactive multimedia, digital imaging, and desktop publishing. All of the printing methods, such as offset lithography, letterpress, screen printing, engraving, foil stamping, thermography, heat-transfer, embossing, laser printing, vinyl cutting, and other electronic imaging and reproduction methods are learned in this program. Post-press operations, which include folding, cutting, fastening, personalizing, and product distribution are stressed throughout the program.

Students work extensively with computerized design programs, preparing them for current careers in printing, design, and advertising careers. Finally, students work on live projects for real customers and develop skills in customer service, sales, and marketing. These hands-on projects allow students to apply everything that they have learned to real life situations similar to what they will find in industry.

Students in the Graphic Arts Career Major may choose to continue their education at two or four year colleges studying Advertising or many types of design and production programs. In addition, students finish the programs with skills that make them marketable to employers in the field immediately upon graduation.

Health Science

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Health Science I 10 Credits 80 Min. per Day	Health Science II 10 Credits 80 Min. per Day	Health Science III 15 Credits 120 Min. per Day	Health Science IV 15 Credits 120 Min. per Day

Program Description

Warren County Technical School's Health Science Career Academy introduces students to the expansive career paths available in health care. The core curriculum emphasizes science, the human and organizational side of health care, and clinical experience. The program is designed to prepare students to enter the health care work force and/or further their education that facilitates their higher educational experience. Warren County Technical School partners with Rutgers University to offer successful students the opportunity to earn college credits at no charge.

Students start with an introduction to health sciences career possibilities and an overview of anatomy and physiology. Students also gain exposure to professionals and real life experiences in the field through required shadowing opportunities. Students in the program study medical ethics, medical terminology, medical math, anatomy & physiology, chemistry, and psychology as they prepare for post-secondary opportunities. Dynamics of Health in Society, Medical Mathematics, Medical Terminology, Anatomy & Physiology I and II are thoroughly taught with incentive undergraduate credits through Rutgers University – The School of health Related Professions.

Students enrolled in the Warren Tech Health Sciences Shop will receive a rigorous curriculum outlined by Rutgers University that prepares them with the necessary foundation to launch their future health care endeavors. Students will have the potential of earning a total of 17 undergraduate credits through Rutgers University along with 6 dual-enrollment credits through Warren County Community College (WCCC) that might be transferrable to a lot of health related programs. Students will explore a variety of career paths within the Health Science field and prepare for future professional plans.

Students enrolled in the Health Sciences program at Warren Tech will be prepared for college programs in the health science field. Health Sciences students also have the option of continuing their education at two year schools such as WCCC, where they can pursue an Associate's Degree and licensing as a Registered Nurse or Medical Assistant. Students also have the opportunity to continue their education at

Warren Tech’s Adult Education Post-Secondary School with automatic enrollment where they can complete their degree as a Licensed Practical Nurse (LPN). Many students follow the path of completing the LPN degree first so they can enter the workforce sooner and then transition into the more advanced nursing degrees.

Law and Public Safety

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Health Science I 10 Credits, 80 Minutes per Day	Health Science II 10 Credits, 80 Minutes per Day	Health Science III 15 Credits, 120 Minutes per Day	Health Science IV 15 Credits, 120 Minutes per Day

Program Description

The Law & Public Safety and Program at Warren Tech prepares students to pursue a variety of careers in the public safety industry. Students in the program go on to college, pursue careers as police officers, emergency service personnel, Wildlife, Fish Game Officers, Armed Forces and more.

Students learn about basic first aid, crime scene processing, CPR, report writing, forensics, crime scene investigation, evidence gathering technique, the legal system, the court system, specialized first aid/AED including extrication, fire extinguisher use, traffic control, and power line incidents. Students in this program will complete summonses and criminal complaints along with completing the required investigative reports. Interviewing and interrogation skills will also be developed. Students participate in the simulation exercises offered by associated local officers and agents of these offices are brought in for ancillary instruction.

Certifications such as First Responder, CPR/AED, ICS 100 & 700, and HAZ-MAT can be obtained. The Warren Tech Law & Public Safety Career Major prepares students for a variety of paths upon completion of the program. Students are prepared for college, law enforcement, military, and emergency responder careers.

Students enrolled in the Law & Public Safety Academy classes at Warren Tech are prepared for college. Many students pursue college degrees in law enforcement, criminal justice, and corrections programs. Students who pursue an Associate’s Degree at WCCC are able to earn up to 12 college credits while at Warren Tech. Law & Public Safety students are also prepared for

military careers. Students will participate in activities with local military recruiters and be introduced to careers in the armed forces. Some students in this program focus on becoming employed in the field upon graduation from Warren Tech. These students may earn emergency responder certifications and network with local law enforcement agencies to become exposed to a variety of careers in public safety.

Welding and Metal Fabrication

Required Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Welding and Metal Fabrication I 10 Credits 80 Min. per Day	Welding and Metal Fabrication II 10 Credits, 80 Min. per Day	Welding and Metal Fabrication III 15 Credits, 120 Min. per Day	Welding and Metal Fabrication IV 15 Credits 120 Min. per Day

Program Description

The Welding and Metal Fabrication program at Warren Tech teaches skills, values, and work ethic essential to future welders, fabricators, machinists and engineers. Our diversified curriculum starts by emphasizing fundamentals such as safe working practices, math, measurement, and the use of hand and power tools. Students advance to learn Oxy-Fuel cutting, plasma cutting, air carbon arc gouging, forging, metallurgy and heat-treating.

Project work forms an important part of our training and varies in scope from small repairs to large complex projects that require significant evaluation, design and fabrication. These opportunities allow our students to learn time and resource management, customer relations, production and process control. In some instances, the students have formed a business that has incorporated marketing and other business functions to provide a product for profit. Layered with the classes and projects is training in making and reading drawings, the use of machine tools (metal lathe and vertical mill), and weld inspection techniques.

Business fundamentals are developed through practice in quoting and tracking performance on real jobs, research into the history of technology, and many field trips to a variety of manufacturing businesses and work sites. Students in the Welding & Fabricating Academy are prepared to pursue jobs upon graduating from Warren Tech. Students develop in demand skills

that can help them obtain employment with union and independent contractors. Students in this program are assisted with job placement opportunities to include Warren Tech's Structure Learning Experience (SLE) that allows students to obtain employment while still a student.



Course Descriptions – Special Education

The special education programs are structured to address the goals and objectives in each student's Individualized Education Plan (IEP), and are designed to provide students with disabilities a number of options in order to complete the necessary requirements to obtain a high school diploma.

Within the high school setting, the continuum of options offered to students with disabilities includes general education classes, resource programs and special class programs. In most cases, the courses provide a structure that parallels the regular high school program, but is flexible enough to accommodate the instructional needs of the students' Individualized Education Plan. All special education curricula address the New Jersey Student Learning Standards. The classes are designed to facilitate skill development while supporting transition to adult-life in the least restrictive environment. All special education program placements are determined through the IEP team process.



Course Descriptions – English

As required by the State of New Jersey, all students are required to successfully complete 20 credits in English in order to graduate from high school.

The English Recommended Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
English 9 Honors English 9	English 10 Honors English 10	English 11 AP Language and Composition	English 12 AP Literature and Composition

Honors courses follow a similar curriculum to the general level courses. However, students in honors courses should expect more independent work, a higher level synthesis and analysis of course material, a large number of extension activities, and opportunities for enhancement and enrichment of the curriculum. In addition, modified version of these courses are offered for students with individualized learning needs.

English 9

5 Credits

English 9 is the first of four English courses required for graduation at Warren County Technical School as dictated by the State of New Jersey. Students in English 9 will build upon middle school English Language Arts skills through comprehensive study utilizing a variety of genres including: mythology, short stories, novels, informational texts, drama, essays, oration, and memoir. During student’s literature exploration special emphasis will be placed on the development of critical reading strategies and vocabulary building. As this course is driven by the demands of the New Jersey Student Learning Standards, the inclusion of several content rich non-fiction pieces will be studied as well. Additionally, students will be asked to complete assignments and assessments developed to promote the skills of incorporating evidence from text, in both literary and informational pieces. Students can expect to enjoy regular practice with complex text and academic language. Writing about the texts they read is an important

developmental skill for our students at Warren County Technical School. Ninth-grade students will complete a variety of in-class and independent writing assignments throughout the course including narrative, explanatory, summary, and persuasive essay. Writing assignments are designed to enhance the concepts and skills taught through lecture, discussion, and reading activities. Timed-writing assignments, open ended questions, journaling, and multi-paragraph essays will all be featured in the class. Students will practice their research skills to produce evidence that enhances the thesis of their essays. Finally, students are expected to present their ideas orally, both formally in speeches or presentations, and informally in class discussions. Opportunities for speaking and listening activities will be afforded frequently for the duration of the course

English 10

5 Credits

Warren County Technical School's English 10 course is the second of four English courses required for graduation at Warren County Technical School as dictated by the State of New Jersey. Students in English 10 classes will build upon English Language Arts skills through the comprehensive study of various literary genres including: poetry, short story, historical documents, novels, nonfiction texts, and drama. During students' literature exploration special emphasis will be placed on the development of critical reading strategies and vocabulary building. As this course is driven by the demands of the New Jersey Student Learning Standards, the inclusion of several content rich non-fiction pieces will be studied as well. Additionally, students will be asked to complete assignments and assessments developed to promote the skills of incorporating evidence from text, in both literary and informational pieces. Students can expect to enjoy regular practice with complex text and academic language. Writing about the texts they read is an important developmental skill for our students at Warren County Technical School. Tenth grade students will complete a variety of in-class and independent writing assignments throughout the course including narrative, explanatory, summary, and persuasive essays. Writing assignments are designed to enhance the concepts and skills taught through lecture, discussion, and reading activities. Timed-writing assignments, open ended questions, journaling, multi-paragraph essays, and a research paper will be featured in the class. Students will practice their research skills to produce evidence that enhances the thesis of their writing. Finally, students are expected to present their ideas orally, both formally in speeches or presentations, and informally in class discussions. Opportunities for speaking and listening activities will be afforded frequently for the duration of the course.

English 11

5 Credits

Warren County Technical School's English 11 course is the third of four English courses required for graduation at Warren County Technical School as dictated by the State of New Jersey. Students in English 11 classes will continue to build upon their English Language Arts skills through the comprehensive study of various literary genres including: poetry, short story, historical documents, novels, nonfiction texts, and drama of the twentieth century. During students' literature exploration special emphasis will be placed on the development of critical reading strategies and vocabulary building. As this course is driven by the demands of the New Jersey Student Learning Standards, the inclusion of several content rich non-fiction pieces will

accompany the literature presented throughout the course. Additionally, students will be asked to complete assignments and assessments developed to promote the skills of incorporating evidence from text, in both literary and informational pieces. Students can expect to enjoy regular practice with complex text and academic language. Writing in various contexts is an important developmental skill for our students at Warren County Technical School. Eleventh grade students will complete a variety of in-class and independent writing assignments throughout the course including narrative, explanatory, procedural, summary, research writing, and persuasive essays. Writing assignments are designed to enhance the concepts and skills taught through lecture, discussion, and reading activities. Timed-writing assignments, open ended questions, journaling, multi-paragraph essays, and prepared statements will be featured in the class. Students will practice their research skills to produce evidence that enhances the thesis of their writing, cited properly in MLA format. Finally, students are expected to present their ideas orally, both formally in speeches or presentations, and informally in class discussions. Opportunities for speaking and listening activities will be afforded frequently for the duration of the course.

English 12

5 Credits

Warren County Technical School's English 12 course is the final English class required for graduation at Warren County Technical School and the State of New Jersey. Students in English 12 classes will continue to build upon their English Language Arts skills through the comprehensive study of various literary genres including: poetry, short story, novels, nonfiction texts, essays, and drama of European Literature. During the course special emphasis will be placed on the scaffolding and development of proper research writing skills including: note taking, expository/argument writing, proper citation of evidence, and editing. Mastery of research writing will culminate with each student crafting his or her senior research paper during the third marking period. As this course is driven by the demands of the New Jersey Student Learning Standards, the inclusion of several content rich non-fiction pieces will accompany the literature presented throughout the course. Additionally, students will be asked to complete assignments and assessments developed to promote the skills of citing evidence, recognizing key detail, understanding nuance and author's purpose, and finding main ideas of a text, in both literary and informational pieces. Students will routinely be asked to learn and use new grade twelve vocabulary appropriately. Students will promote the acquisition of new vocabulary through regular practice with complex text and academic language. In addition to their senior papers, students will be tasked with several writing activities, as effective written communication is an essential skill for the futures of Warren County Technical School students. Writing assignments in the early portion of the course will aim to improve student's career and educational writing skills including: resumes, cover letters, thank you notes, formal requests, and college essays. Finally, students are expected to present their ideas orally, formally during presentations, and informally in class discussions. Opportunities for speaking and listening activities will be afforded frequently for the duration of the course.

AP Language and Composition

5 Credits

The AP Language and Composition course at Warren County Technical School follows the proscribed curriculum as set forth by the College Board. The AP English Language and

Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

AP Literature and Composition

5 Credits

The AP Literature and Composition course at Warren County Technical School follows the proscribed curriculum as set forth by the College Board. The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

Creative Writing

5 Credits

The Creative Writing elective is a year-long course designed to engage students in various areas of creative writing. Students of all skill levels will be challenged to develop those skills in the areas of poetry, fiction, scriptwriting, and creative non-fiction. In addition, students will read exemplar texts in different genres before, and during, the writing process. Assignments will be peer reviewed as well as teacher reviewed, and the process of editing will also be explained and utilized. By the end of the course, students will have an impressive creative writing portfolio and will also explore avenues for publication-- both self-published as well as professionally published.

SAT / ACT Prep

5 Credits

Receive proven, results-driven tutoring for two college-entrance tests. This highly successful SAT/ACT Prep class applies specific principles of standardized testing to the two primary admissions tests used by our nation's colleges and universities – the SAT and the ACT. Many students in private tutoring have used the same academic principles that will be presented in this class to optimize their admission scores, their college portfolios, their chances for admission into colleges, and even to receive academic scholarships. In this class, students will reinforce all of the math, science and literacy concepts that appear on each test, and will demonstrate, in a highly specific way, how to adapt this academic knowledge to the test questions and format. This instruction will also include practicing the timing of each segment of each test, as well.



Course Descriptions – History

As required by the State of New Jersey, all students are required to successfully complete 15 credits in History in order to graduate from high school. Students are also required to take the 2.5 credit Personal Financial Literacy Course.

The History Recommended Course Sequence

9 th Grade	10 th Grade	11 th Grade	12 th Grade
World History World History Honors	United States History I United States History I Honors	United States History II AP United States History	(Optional) Elective Course

Honors courses follow a similar curriculum to the general level courses. However, students in honors courses should expect more independent work, a higher level synthesis and analysis of course material, a large number of extension activities, and opportunities for enhancement and enrichment of the curriculum. In addition, modified version of these courses are offered for students with individualized learning needs.

World History

5 Credits

World History is a full year course designed for ninth grade students and is required for graduation at Warren County Technical School as one of the three required social studies courses in the State of New Jersey. The course begins with the examination of the major world religions, as they are a recurring theme during the course and frequently central to the events of today. Following the World Religions Unit, the remainder of World History will provide opportunities for students to acquire a greater understanding of Western Civilization including key eras such as the Renaissance, Age of Exploration, and Enlightenment; which have direct correlations to the founding of our nation. Additionally, students will become familiar with events occurring in several non-Western cultures from Asia, Africa, and South America during the same eras of study. Socio-cultural, governmental, economic, and technological changes will be highlighted throughout the course. The course is aligned with the 2014 New Jersey Student Learning Standards for Social Studies as well as the New Jersey Student Learning Standards for Reading, Writing, Speaking and Listening in Social Studies. During the course teachers will use the content of World History to create opportunities to develop literacy, writing, research, technology, critical thinking, and public speaking skills. Furthermore, teachers will endeavor to connect course material to students' prior knowledge and current events when appropriate.

United States History I

5 Credits

United States History I is a full year course designed for tenth grade students and is required for graduation at Warren County Technical School. United States History I will provide opportunities for students to acquire a greater understanding of the origins and maturation of

our nation. In addition, students will explore the social, economic, territorial, governmental, and political growth of the United States. The course is aligned with the 2014 New Jersey Student Learning Standards for Social Studies as well as the New Jersey Student Learning Standards for Reading, Writing, Speaking and Listening in Social Studies. Students will cover American History from the Colonial Period, circa 1607, through Progressivism culminating in the early 1900s. Throughout the course instructors will reinforce recurrent themes such as: the treatment of women and minority groups, social change, government structure and civic participation. Teachers will use the content of American History to help reinforce literacy, writing, research, technology, critical thinking, and public speaking skills. Furthermore, teachers will endeavor to connect course material to students' prior knowledge and current events when appropriate.

United States History II

5 Credits

United States History II is a full year course designed for eleventh grade students and required for graduation at Warren County Technical School. United States History II examines American History from 1914 to 1980. Beginning with a unit on World War I and culminating with the Civil Rights and Social Change Unit. Emphasis will be placed upon the various social, political, economic, and geographic forces which have shaped our nation's growth during the twentieth century and how historical events have shaped the America we live in today. The course is aligned with the 2014 New Jersey Student Learning Standards as well as the New Jersey Student Learning Standards for Reading, Writing, Speaking and Listening in Social Studies. Throughout the course instructors will reinforce recurrent themes such as: the treatment of women and minority groups, economic and foreign policy decisions, social change, government's changing roles and function. Teachers will use the content of American History to help reinforce literacy, writing, research, technology, critical thinking, and public speaking skills. Furthermore, teachers will endeavor to connect course material to students' prior knowledge and current events when appropriate.

AP American History

5 Credits

The AP American History course at Warren County Technical School follows the proscribed curriculum as set forth by the College Board. AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society.

AP Psychology

5 Credits

The AP Psychology course at Warren County Technical School follows the proscribed curriculum as set forth by the College Board. The AP Psychology course introduces students to the

systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.

Personal Financial Literacy

2.5 Credits

Personal Finance is an introduction to money management strategies with a focus on Savings, Banking, Payment Types, Interest Rates, Credit Cards, Credit Scores, Financing Higher Education, Renting Versus Owning, Taxes and Insurance, Consumer Fraud, and Investing. This course introduces skills and strategies that promote personal and financial responsibility in today's economy. In today's complex economy a solid grasp of personal finance concepts is not only important, but necessary to survive. Global lessons learned through the financial crisis of the early 21st century and the countless examples of personal finance misfortunes that ensued, have led to an increased awareness of the importance of personal finance education. As a result, an increased emphasis has been placed on bringing personal finance education in to the classroom. Business Management I: Personal Finance is intended to provide students with an introduction to money management and personal finance. The course delves into concepts outlined in New Jersey Student Learning Standards, 21st Century Life and Careers, under standard 9.1, Personal Financial Literacy.

The course serves as an introduction to money management strategies with a focus Savings, Banking, Payment Types, Interest Rates, Credit Cards, Credit Scores, Financing Higher Education, Renting Versus Owning, Taxes and Insurance, Consumer Fraud, and Investing.

Introduction to Psychology

5 Credits

Introduction to Psychology is a full year elective course. It is designed to introduce students to the systematic and scientific study of the behavior and mental processes of people. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Core topics include human social behavior, personality, psychological disorders, treatment, learning, memory, human development, biological influences, and research methods. Related topics may include sensation, perception, states of consciousness, thinking, intelligence, language, motivation, emotion, stress and health, cross-cultural psychology, applied psychology, and the ethics associated with the field. The course also draws on skills from a number of different disciplines. These include skills in critical thinking, scientific inquiry, research, and writing. Introduction to Psychology integrates, consolidates, and further develops such skills.

History of Film

2.5 Credits

The History of Film elective will give students an overview of film concepts and then proceed to explore History through the selective viewing of films starting with the inception of the motion

picture industry in the 1920's and then progressing decade by decade until the 2000's. Films will explore social, political, cultural, and historical aspects of the era in which they are produced and how they depict events compared to the historical record. Students will not only find entertainment value in the films but hopefully gain a better understanding of the world through the eyes of the film industry.

Introduction to Sociology

2.5 Credits

Sociology is a half year elective course that offers an introduction to the basic nature of society and the relationship between society and the individual. This course focuses on how society functions and is organized, and how society impacts and influences individual motivation, understanding, action, and well-being. Basic sociological ideas regarding social relations, social interaction, social structure, and social change are examined. Students are introduced to key issues addressed by contemporary sociologists; class, race, gender, sexuality, religion, globalization, education, health care, crime, the media, and the environment. Additionally, we will examine common-sense assumptions about culture, politics, history, and psychology, and empower students to replace them with evidence-based reasoning. By emphasizing reading, writing, and critical thinking skills, the knowledge gained in this course will aid students in future studies within a variety of fields and careers, and encourage the development of critical thinking about important issues. The course is aligned with the 2014 New Jersey Student Learning Standards for Social Studies as well as the New Jersey Student Learning Standards for Reading, Writing, Speaking and Listening in Social Studies. Upon successful completion of this class with a grade of "C" or better, the student will receive 3 credits from Warren County Community College.

Civics

2.5 Credits

The Warren Tech ½ Year Civics Elective is a course that describes the organization and operation of government on the local, state, and national levels. In addition, the roles of students in families, schools, and the economy are investigated with emphasis on their rights and responsibilities. The principal goals of the Civics program are to help students develop an increased understanding of the institutions of American constitutional democracy and the fundamental principles and values upon which they are founded; the skills necessary to participate as effective and responsible citizens; and the willingness to use democratic procedures for making decisions and managing conflict.

Modern History

2.5 Credits

Modern History is a half year elective course that is a combination of contemporary American and World History. The course begins with the examination of the Nixon's Presidency and ends with the study of current issues. Modern History will provide opportunities for students to acquire a greater understanding of contemporary issues including but not limited to: The Nixon Administration, The Watergate Scandal, Civil Rights, Environmentalism, The New Conservatism, The Reagan Years, Life in the 1980's, The End of the Cold War, The Clinton Years, A New Wave of Immigration, Technology and Globalization, Bush's Challenges, Afghanistan & Iraq, Obama's First Term and Domestic Policy Challenges. In addition, students will explore the social, economic, territorial, governmental, and political growth of the United States. The course is aligned with

the 2014 New Jersey Student Learning Standards for Social Studies as well as the New Jersey Student Learning Standards for Reading, Writing, Speaking and Listening in Social Studies. During the course teachers will use the content to create opportunities to develop literacy, writing, research, technology, critical thinking, and public speaking skills. Furthermore, teachers will endeavor to connect course material to students' prior knowledge and current events when appropriate.



Course Descriptions – Mathematics

As required by the State of New Jersey, all students are required to successfully complete 15 credits in Math in order to graduate from high school. Students are required to complete Algebra I, Geometry, and a third course that builds on the concepts and Skills of Algebra I and Geometry

The Mathematics Recommended Course Sequence

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Algebra I Geometry* Geometry Honors*	Geometry Geometry Honors Algebra II* Algebra II Honors*	Algebra II Intermediate Algebra Pre-Calculus* Pre-Calculus Honors*	(Optional) Pre-Calculus Pre-Calculus Honors AP Calculus AB*

*Students must have successfully completed Algebra I in 8th Grade and taken the PARCC assessment to enroll in Geometry during Grade Nine, Algebra II in Grade Ten, and Pre-Calculus in Grade Eleven.

Honors courses follow a similar curriculum to the general level courses. However, students in honors courses should expect more independent work, a higher level synthesis and analysis of course material, a large number of extension activities, and opportunities for enhancement and enrichment of the curriculum. In addition, modified version of these courses are offered for students with individualized learning needs.

Algebra I

5 Credits

The Algebra I course is designed to be taken by nearly all freshman level students at Warren County Technical School as one of the three high school math courses required for graduation in the state of New Jersey. The course is aligned with the New Jersey Student Learning Standards for Mathematics and closely mirrors the New Jersey Model Curriculum for Algebra I. The content presented in Algebra I is designed to build upon and deepen understandings of mathematics concepts introduced on the Middle School level. The course features General Education and Honors sections as well as the Intensive Section, which features a double period of instruction allowing struggling math students extra preparation, attention, and time for reinforcement lessons to address gaps in their math training. The Algebra I course is divided into five Units: Relationships between Quantities and Reasoning with Equations, Linear Relationships, Expressions and Equations Functions and Modeling, and Descriptive Statistics. Each Unit will feature chapter assessments and culminate with a department wide unit exam with questions aligned in style and content with those found on the PARCC Algebra I assessment. This is intended to better prepare our students for PARCC Testing and provide appropriate data for remediation, instructional improvements, and test preparation. Additionally, teachers are encouraged to incorporate technology into their instruction, practice, and assessment to ease any anxiety toward computer based standardized tests. The scope and sequence of the course is aligned with the New Jersey Model Curriculum.

In Unit 1 instruction will set the stage for work with expressions and equations through understanding quantities and the relationships between them. The work in Unit 2 will build on middle school mathematics concepts for linear and exponential relationships. Success in Unit 2 will lay the groundwork for later units where the students will extend this knowledge to quadratic and exponential functions. The standards included in Unit 3 blend the conceptual understandings of expressions and equations with procedural fluency and problem solving. The students will not encounter solutions of quadratic equations that are complex. The standards presented in Unit 4 involve functions and extending the concepts of integer exponents to concepts of rational exponents. The understandings will be applied to other types of equations in future courses. Unit 5 will build on previous work with descriptive statistics. Linear models will be used to assess how a model fits data.

Geometry

5 Credits

Geometry is the second course in the high school mathematics sequence and one of the three required years of mathematics coursework for graduation in the state of New Jersey. The course is aligned with the New Jersey Student Learning Standards for Mathematics and is designed to afford the opportunity for Warren County Technical School students to formalize and extend on their middle grades geometric experiences. Students in the Geometry course will explore and solve problems related to two and three dimensional figures including polygons, circles, spheres, and polyhedrons. Additionally, students will detail their logical thinking in problem solving through various forms of proofing their geometric equations. Students will explore how geometric concepts relate to the world around them and how they are applied in various professions and real world activities. Students will incorporate technology into their learning and assessments in preparation for online testing and employment in the 21st Century.

Algebra II

5 Credits

The Warren County Technical School's Algebra II course centers on the application and further development of the fundamentals skills built in Algebra I. Algebra II can serve as one of the three high school level mathematics courses required for graduation at Warren County Technical School and in the state of New Jersey. In the course concepts learned in Algebra I such as linear, quadratic and exponential functions are reinforced and extended to new concepts of polynomial, rational, and radical functions. Algebra II challenges each student to use problem solving and critical thinking skills in each course unit. The curriculum is structured to build from the Algebra I curriculum while using aligned course materials enabling seamless instruction of all algebraic concepts by Warren County Technical School's mathematics department. The curriculum is crafted to demonstrate logical structure of mathematics and through graphing components students are able to model real world applications of several course concepts. Additionally, the course is essential for those students who intend to seek educational opportunities at a two or four-year college or university and includes several topics essential for those who wish to pursue further study of high level mathematics.

Intermediate Algebra

5 Credits

Intermediate Algebra is intended for students who have taken Algebra I and Geometry and are not yet ready for Algebra II. The content provides a solid foundation of concepts and skills to serve as an appropriate bridge course to Algebra II. This course provides students with tools to represent and solve real-life problems in a variety of ways. Intermediate Algebra will build on algebra and geometry skills as well as explore/apply the concepts of problem solving, number systems, and statistics. The course meets the New Jersey Graduation requirement for a third year of mathematics building upon the foundational courses of Algebra I and Geometry.

Pre-Calculus

5 Credits

This course is designed to prepare students for a college level Calculus or Algebra Class. The course covers topics in Algebra ranging from polynomial, rational, and exponential functions to conic sections. Trigonometry concepts such as Law of Sines and Cosines will be introduced. Students will then begin analytic geometry and calculus concepts such as limits, derivatives, and integrals. At the completion of this course, students will be prepared to take the AP Calculus A/B course.

AP Calculus A/B

5 Credits

The AP Calculus A/B course at Warren County Technical School follows the proscribed curriculum as set forth by the College Board. AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Before studying calculus, all students should complete the equivalent of four years of secondary mathematics designed for college-bound students: courses which should prepare them with a strong foundation in reasoning with algebraic symbols and working with algebraic structures. Prospective calculus students should take courses in which they study algebra, geometry, trigonometry, analytic geometry, and elementary functions.

AP Computer Science Principles

5 Credits

The AP Computer Science Principles course is designed to be equivalent to a first- semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world.

Computer Programming**5 Credits**

The Warren Tech Basic Computer Programming course teaches the fundamentals of computer programming as well as some advanced features of the Python language. Students use what they learn in this course to build simple console-based games. This course is equivalent to a semester-long introductory Python course at the college level. In this course, students learn the fundamental concepts of programming - concepts that can be applied in the study of any programming language. Students also dive into specific features of the Python programming language.



Course Descriptions – Science

As required by the State of New Jersey, all students are required to successfully complete 15 credits in Science in order to graduate from high school. Students are required to take Biology and two other laboratory sciences.

The Science Recommended Course Sequence

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Environmental Science Environmental Science Honors	Biology Biology Honors	Chemistry Chemistry Honors Earth Science	(Optional) AP Chemistry Physics Honors

Honors courses follow a similar curriculum to the general level courses. However, students in honors courses should expect more independent work, a higher level synthesis and analysis of course material, a large number of extension activities, and opportunities for enhancement and enrichment of the curriculum. In addition, modified version of these courses are offered for students with individualized learning needs.

Environmental Science

5 Credits

The Environmental Science course is intended for ninth grade students and will serve as one of the three years of science preparation required for graduation at Warren County Technical School and in the state of New Jersey. This course has been designed with respect to and in compliance with the expectations set forth in the Next Generation Science Standards and New Jersey Student Learning Standards for ELA and Mathematics in Science. The course is intended to provide a detailed examination into the environmental systems of the Earth and how humans and technology impact the environment. Students will examine Earth's Systems, Ecosystems, and Biomes in addition to analyze the relationship of humans with the environment. Topics in Environmental Science will be modeled and examined through a series of laboratory investigations and case studies. Major areas of Environmental Science covered in the course are: ecosystems and biomes, populations, water resource management, atmospheric systems and climate, waste management, non-renewable and renewable energy, and the impact of humans on the environment. This course will provide students at Warren County Technical School with a thorough understanding of the Earth and its systems as well as the short and long term effects caused by humans on these systems. The goal of this course is to not only provide students with an understanding the implications of human actions, as well as, to provide insights as to what can be done to reduce or improve these issues for the future.

Biology**5 Credits**

The Warren County Technical School Biology course is designed with respect to the expectations set forth by the Warren County Vocational and Technical district, the state adopted Next Generation Science Standards and the End of Course Biology Exam. The rigor, expectations, and demands of the course will vary as teachers adjust the curriculum for the honors, general education, and departmentalized sections. Through the study of biology, students will acquire a clear understandings of key biological concepts and ideas, comprehend the relevance of biology as an integral part of their everyday lives, and promote an interest in life sciences. Topics cover scientific-inquiry, basic chemistry and biochemistry, cell structure and function, energy relationships, genetics and molecular genetics, evolution, and ecology. Congruent with other Warren County Technical School science courses, laboratory activities will play a large role in the study and application of concepts learned during the course. Students will learn to develop positive group dynamics, organizational skills, and deductive reasoning during laboratory activities. Students will be instructed in the course through a variety of methods designed to ultimately prepare them for success on the New Jersey end of course exam.

Chemistry**5 Credits**

Warren County Technical School's Chemistry class is a laboratory-based course providing a comprehensive foundation in the field of chemistry for students whose future career goals include college attendance. The Chemistry curriculum is fully aligned with the state adopted Next Generation Science Standards. Instruction will promote the understanding of chemical principles, methods for conducting quantitative analysis and the completion of laboratory experiments during scheduled laboratory sessions. A major emphasis will be placed on mathematical modeling and error analysis throughout the course. Topics covered in the course include the periodic table, stoichiometry, gas laws, chemical reactions, solution chemistry, atomic structure, bonding, thermochemistry, kinetics, chemical equilibrium and nuclear chemistry.

Earth Science**5 Credits**

The Earth and Space Science course is intended for eleventh or twelfth grade students and will serve as one avenue toward the completion of the third year of required science coursework for graduation in the state of New Jersey. This course has been designed with respect to and in compliance with the expectations set forth in the Next Generation Science Standards. Earth and Space Science will provide detailed exploration and understanding of the Earth, its systems, and introduce many space science concepts. The Scientific Method will be used to examine Earth and Space systems and how these systems work in concert to provide a steady equilibrium to Earth's progression. Earth and Space Science units of study include; The History of Earth, Earth Systems, Weather and Climate, and Space Systems. This course will provide the students of Warren County Technical School with a solid understanding of the Earth and our Solar System. An additional goal of the course is examining the implications of human actions, as well as, to provide insights as to what else may be occurring in the universe.

AP Chemistry**5 Credits**

The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course requires that 25 percent of the instructional time engages students in lab investigations. This includes a minimum of 16 hands-on labs (at least six of which are inquiry based), and it is recommended that students keep a lab notebook throughout. Students should have successfully completed a general high school chemistry course and Algebra II before taking the course.

Honors Physics**5 Credits**

Honors Physics is intended as an in-depth study of the physical laws of nature. Students will investigate motion, vector analysis, Newton's Laws, gravitational force, momentum, work and energy, and rotational motion. Students are exposed to both the theoretical and experimental aspects of each topic, with emphasis on scientific modeling and mathematical problem solving. An understanding of physics will allow the student to relate mathematical models to the physical phenomena observable in the world around them. As a non-calculus based course, honors physics requires only that students enter with a strong background in algebra. The course is applicable to students of grades 11-12 with a strong mathematical background.

Forensic Science**5 Credits**

Forensics is an eleventh and twelfth grade full year elective course. Forensics utilizes biology, chemistry, physics, and anatomy to retroactively determine the sequence of events during the commission of a crime. In this class, we will master evidence identification and collection, identification of drugs, toxins and poisons in the blood and body tissue, DNA collection, processing and analysis, blood spatter analysis, ballistic analysis, handwriting analysis and fingerprinting techniques and analysis. Biology and chemistry are prerequisites for this class.



Course Descriptions – Physical Education

As required by the State of New Jersey, all students are required to successfully complete 15 credits in Physical Education in order to graduate from high school. Those credits must be distributed as 150 minutes per week each year.

The Physical Education Recommended Course Sequence

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Physical Education and Health I	Physical Education and Health II	Physical Education and Health III	Physical Education and Health IV

Physical Education I - IV

3.75 Credits per Year

Warren County Technical School's Physical Education classes are taught in grades nine through twelve and are mandatory as part of the graduation requirements set forth by the State of New Jersey and Warren County Technical School. Physical Education classes are administered for three marking periods each year, while the remaining marking period is reserved for Health Education. Drivers Education replaces Health Education for sophomores. The Physical Education and Health and Drivers Education classes are taught by the dedicated members of the Physical Education Department. Physical Education classes in the first and fourth marking periods will predominately be taught outside when the weather permits and focus on games and activities that are enjoyed outdoors. Meanwhile, classes running in the second and third marking periods will focus on activities that occur inside. Each student is required to change into their gym uniform at the beginning of each class and is encouraged to participate to the best of their ability. Teachers' lessons and activities stress the importance of safety and fair play in order to create an optimal learning environment. Warren County Technical School's Physical Education Department seeks to provide students with educational experiences that enable our students to acquire the knowledge and ability to make healthy life choices, as well as skills to promote lifetime wellness. Additionally, opportunities will be afforded to every student to improve cooperation, leadership, and communication skills and improve one's self image and confidence through each student's unique talents and abilities.

Health I

1.25 Credits

Instruction in Health 9 will begin with lessons designed on character development and measures to create a more inclusive and bully free environment at Warren County Technical School. Student activities will surround positive character traits and improvement of self-image and self-worth. Students will examine the current school climate in regards to harassment, intimidation, and bullying and brainstorm proactive steps that they employ to improve any issues confronting the student body. Students will recognize the signs of bullying and the responsibility each student plays in curbing these behaviors and how to properly report and address issues when they occur. Next, students will learn about the effects of alcohol, tobacco, and various illegal

drugs. Students will debate current issues including but not limited to: state legalization and medical use of marijuana, the current opioid epidemic, and tobacco and alcohol related death rates in the United States. Students will understand how each substance affects the brain and impairs function and decision making, while discussing additional problems that may face someone dealing with substance or alcohol abuse. Finally, students will review human relationships and sexuality. Freshman health classes will discuss pregnancy and contraceptive methods and the decision to have children. Students will learn about the effects of various sexually transmitted diseases and how they can prevent contracting each disease.

Health II

1.25 Credits

Driver Education focuses on a classroom theory program taught during the first marking period of tenth grade. The New Jersey State Drivers Manual serves as one of the textbooks for the course and covers all laws governing driver safety and proper vehicle usage. Course work will cover the driver's roles and responsibilities in New Jersey, traffic markings and signage meanings, the New Jersey graduated license program, WCTS and New Jersey driving rules and penalties for non-adherence, and prepares students for the expectations set forth in the New Jersey written and behind the wheel driver's tests. At the conclusion of the course, students take the written portion of the New Jersey State Driver's Test as the first step toward the earning of a driver's permit.

Health III

1.25 Credits

Junior Health class is dedicated to the study of First Aid including learning lifesaving techniques like the Heimlich maneuver, CPR, and use of an AED. Students will open the course by examining the protection afforded to citizens helping those in need as outlined by the Good Samaritan Law and understand the steps New Jersey is taking to combat the opioid overdose epidemic. After this, the students will examine the issues of teen suicide and how to properly identify and help those at risk. Students will understand how to address this issue thoughtfully and effectively. Later in the course, students will learn responsible First Aid for many emergencies including: Bleeding, Head Trauma, Spinal Injury, Respiratory Problems, Choking, Infant Care, Broken Bones, and Joint Injury. Students will develop a public relations initiative to aid in combating a public health issue. Finally, students will understand how to treat some environmental emergencies such as poisoning, allergic reactions, venomous bites, heat stroke, dehydration, and frostbite.

Health IV

1.25 Credits

In the final year of health education Senior students will examine disease and nutrition. Senior Health opens with a close analyzation of the risks, prevention, and treatment of common sexually transmitted diseases and HIV/AIDS. After this, students will study common communicable diseases and how to protect themselves and their families from the transmission of several bacterial and viral illnesses. Finally, students will review proper nutrition and the value of lifelong fitness. As young adults, about the leave the protection of their parents, it is important for them to learn healthy eating habits and safe and productive exercise.

Fitness Elective

5 Credits

*Course description coming soon



Course Descriptions – Fine Arts

As required by the State of New Jersey, all students are required to successfully complete 5 credits in Fine Arts in order to graduate from high school.

The Fine Arts Recommended Course Sequence

9 th Grade	10 th Grade	11 th Grade	12 th Grade
	Art I	(Optional) Art II	(Optional) Art II

Art I

5 Credits

Warren County Technical School’s Art for the Trades I is designed to introduce students to several visual art disciplines with an added focus of commercial application. This full year course is designed with respect to the New Jersey Student Learning Standards for Visual and Performing Arts and fulfills the New Jersey fine arts graduation requirement. The curriculum is divided into four marking period length units including: Drawing, Sculpture, Painting/Color Theory, and Practical Design. Students will make connections to their world by studying the corresponding art history and works of notable artists in each unit. The instructor will endeavor to facilitate an appreciation of visual art and encourage students of various ability to express themselves to the best of their abilities during class activities. Special attention will be given to understanding the methods and creative processes used in historic and modern forms of art. Several projects will be assigned during the course to create original artwork by exploring a variety of materials and developing basic skills. Opportunity for student choice and creativity will be afforded in culminating projects. When applicable interdisciplinary connections will be made in which art students will develop artistic pieces in conjunction with the needs of career shops. By the end of this course, students will understand the fundamentals of art as a way to communicate using visual symbols.

Art II

5 Credits

Advanced Art is designed for the highly motivated art student. In this course you will continue to develop skills in drawing from observation and painting skills from sketches and photographs. This course will consist of more in-depth study of observational drawing and advanced painting techniques and experimentation. Design and sculpture are also explored more in depth. Projects are centered on themed ideas which encourage students to find their voice as artists. Students will also develop an appreciation for artwork of the past and present through classroom readings and writing assignments, as well as develop an ability to talk about their work and the work of others in classroom critiques.



Course Descriptions – World Language

As required by the State of New Jersey, all students are required to successfully complete 5 credits in World Language in order to graduate from high school.

The World Language Recommended Course Sequence

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Spanish I	Spanish II (Optional)	Spanish III (Optional)	

Spanish I

5 Credits

The Warren County Technical School’s Spanish I course provides students with the fundamental background required to speak, read, write and understand Spanish. A great deal of stress is placed on the development of audio-lingual skills including correct pronunciation, accentuation, and the use of appropriate gesticulation. Basic rules of grammar are taught as they are needed for oral and written expression. There will be a continued emphasis on the development of listening and speaking skills. Students will learn vocabulary in context in each unit of study and learn the conjunction of common verbs. Additional material for development of the reading skills is provided for each student. The course also presents units on culture that are expanded to include geography and customs of the Spanish-speaking cultures.

Spanish II

5 Credits

The Spanish II course at Warren Tech continues to develop fundamental language skills. As in the first level, the second level of Spanish study utilizes various materials that encourage the student to become an active participant in the classroom activities. This course continues to concentrate on the student's understanding and recognition of the grammatical principles of the language, and the student’s ability to develop and utilize these concepts in a variety of topics while increasing exposure to the cultural aspects of the languages.

Spanish III

5 Credits

The Spanish III course provides more in-depth study of the complex grammatical structures of the language and is designed to improve the student’s efficiency in advanced language skills. The third year begins to prepare the student for study on the college or university level. Major emphasis is placed upon the conversational proficiency of the student. Contemporary literature is introduced and used as the basis for discussion about the intricacies of the respective cultures.



Course Description – Freshman Seminar

All Ninth Grade students are required to take the full year Freshman Seminar Class.

Freshman Seminar

5 Credits

The Freshman Seminar Course at Warren County Technical School is a required, full-year course for all incoming ninth grade students. The purpose of the course is to assist students with the transition to high school and to provide them with the skills and tools that they need to be successful. In the course, students will receive instruction on study skills, practical math, civics, character education, educational technology, research strategies and processes, rules and programming at Warren Tech, and extracurricular activities and information. Students will also have time to work on homework for other classes as part of the transition to high school.



Course Descriptions – Business Management

All Ninth Grade students are required to take the full year Freshman Seminar Class.

Introduction to Business

5 Credits

Introduction to Business is a full-year elective course open to all students. The course is dual enrolled with Warren County Community College and students are able to earn three college credits by successfully completing the course. The class provides an introductory study of business, focusing on historical beginnings, types of business ownership, problems of production, transportation, promotion, research, marketing and their inter-relationships. Principles of organization and management, as well as the function of modern business are also examined.

Accounting

5 Credits

Accounting is a full-year elective course open to all students. The course is dual enrolled with Warren County Community College and students are able to earn three college credits by successfully completing the course. This course addresses the fundamentals of accounting theory and practice double entry, journals and ledgers, control accounts and subsidiary ledgers, financial statements, inventory costing, accounting for notes, accruals and deferrals, and adjusting and closing entries and accounting for payroll and current liabilities. This course utilizes the computer to record accounting information and prepares financial statements.

Social Media Marketing

2.5 Credits

Social Media Marketing provides an overview of Social Media and its application to the business setting. This course will include a hands-on view of Social Media Marketing tools and Social Media platforms, while incorporating current topics from this dynamic field. The main focus will be on using Social Media for business and leveraging it from a marketing perspective, including listening to customers and building brands on the social web.

Dual Enrollment and Articulation Agreements

Dual Enrollment is a way to earn college credits for approved high school courses. Dual enrollment is defined as a student receiving high school credit toward a high school diploma and college credit toward an Associate’s Degree, Bachelor’s Degree or occupational credit toward a technical certificate. Students will be taught by a qualified high school instructor during the regular school day, and will be awarded credits for that course from both the high school and the participating college. In order to receive credit for the course, students must receive a C or better in the course. Dual enrollment credits are recorded on Warren County Community College or Centenary transcripts. Students must request official transcripts from Warren County Community College or Centenary University to transfer these credits. Warren County Technical School now has dual enrollment agreements with Warren County Community College and Centenary University.

Warren County Community College

Warren Tech Course	Equivalent WCCC Course	Credits
AP Chemistry	CHE 110 Introductory Chemistry	4
	CHE 164 General Chemistry	4
AP Psychology	PSY 101 Introduction to Psychology	3
Honors Biology	BIO 145 Principals of Biology	4
AP English Literature & Composition	ENG 141 English Comp II	3
Business Management I: Intro to Business Business Management II: Accounting	BUS 120 Business Organization and Management	3
	ACC 101 Accounting	3
Honors Algebra II	MAT 131 College Algebra	3
Pre-Calculus	MAT 131 College Algebra	3
Intro to Sociology	SOC 103 Introduction to Sociology	3
Health Sciences III and IV	MED 177 Medical Terminology	3
	MED 176 Intro to Anatomy, Physiology, Pathology	3

Centenary University

Warren Tech Course	Equivalent Centenary Course	Credits
Social Media Marketing	Social Media Marketing	4

In addition to these courses, several career major programs have articulation agreements with other institutions of higher learning.

These include:

Career Program	Affiliated Institution of Higher Learning	Number of Credits Possible
Automotive Technology	Warren County Community College	16
Child Development	Warren County Community College	9
Computer Programming	Advanced Placement / College Board	6
Culinary Arts	Warren County Community College	3
Electronics Technology	Lincoln Technical Institute	9
General Engineering	NJIT	4
Health Science	Rutgers University	17
Law and Public Safety	Warren County Community College	12
Welding and Metal Fabrication	Northampton Community College	12

Warren Tech is continuing to expand the number of offerings in order to better assist our students in their transition to post-secondary education. As such, this list may not be current.