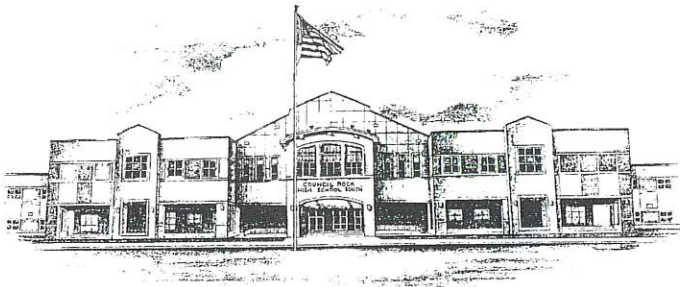


COURSE SELECTIONS
and
PATHWAYS
to
CAREER GOALS

Suggested Planning Guide for
Students and Parents

Council Rock High School South Counseling



COUNCIL ROCK SCHOOL DISTRICT COUNCIL ROCK HIGH SCHOOL SOUTH

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Dear Parents and Students,

The counseling department recognizes that students and their parents often have questions about course selection. Two questions that seem to be most common are:

1. Which classes are needed to fulfill graduation requirements?
2. Which courses will be most helpful in planning for post-secondary goals?

To address these questions, the counseling department has developed a planning guide in order to assist students in selecting secondary course offerings. The planning guide allows students to consider their options as they schedule electives around courses needed to fulfill graduation requirements. The guide may be used to plan a strategy for achieving academic goals by considering courses and their sequences. It is also useful as a progress chart to record courses that have been successfully completed as students advance through high school. It is recommended that students consistently re-evaluate their academic goals in light of increasing exposure to new ideas and experiences and make adjustments to their plan as often as needed to fulfill their aspirations.

Enclosed is a four-year planning guide that is to be used as a worksheet to develop an overview of courses that will allow the student to achieve his/her academic goals. In completing this chart, please consider necessary prerequisites and recommended course sequences.

Along with the four-year planning guide, the counseling department has included charts that outline core courses and four broad career pathway options: Arts and Humanities; Engineering and Industrial; Business and Information Sciences; and Health and Human Services. The chart outlining core courses breaks down the required graduation credits, indicating total credits needed in each core subject area. The career charts list elective courses currently offered that support specific career pathways. Using the combination of core and elective courses will allow the student to build an academic program which reflects required courses and elective courses in order to fulfill career objectives. In addition, the career charts include the vocational-technical programs offered through the Middle Bucks Institute of Technology which provide training in specific career fields. These programs are available to students in grades 10-12.

Although students may freely choose any electives beyond their graduation requirements, they are encouraged to consider courses that meet their academic and career goals while aligning their training and academic preparedness to specific career pathways. The career charts are provided only as tools to assist the student and their parent(s) as courses are chosen. Final course selection should keep in mind the student's overall interests and abilities, along with his/her desire to explore options in various subject areas.

The Counseling Department

COUNCIL ROCK SCHOOL DISTRICT
FOUR YEAR HIGH SCHOOL PLANNING GUIDE

The classes chosen are based upon successful completion of academic course work.

REQUIRED COURSES	9	10	11	12
23 CREDITS - TOTAL				
English 4 Credits (1 CR/Year)				
Social Sciences 3 Credits (9-12)				
Math 3 Credits (9-12)				
Science 3 Credits (9-12)				
Physical Education 1.5 Credits				
Health .5 Credit				
Arts/Humanities 2 Elective Credits				
Electives 6 Elective Credits				
TOTAL CREDITS- 23				

Name: _____ Grade: _____ Counselor: _____

DEPARTMENT	GRADE 9	GRADE 10	GRADE 11	GRADE 12
ENGLISH (4 credits)	English9 Wkshp English 9 Hon. English 9 Hon Study of Eng. 9	English 10 Wkshp English 10 Acl. English 10 Hon. English 10	English 11 Wkshp English 11 Acl. English 11 Hon English 11 AP English 11 Hon. Study of Eng. 11	English 12 Wkshp * English 12* Accelerated English 12 Hon. English 12 AP English 12 English Electives *
SOCIAL STUDIES (3 credits)	Lit Study Amer. Civ. 9 American Civilization 9 Hon. American Civ. 9	Lit. Study Amer. Civ. 10 American Civilization 10 Honors American Civ. 10 Honors Amer. Studies 2 AP US History	Lit. Study World History World History Hon. World History AP European History AP World History	Intro. Economics * Current Issues * Honors Economics * Honors US Gov * Acl. Psychology Intro. Psych.* Gender Studies* Sociology * AP World AP European History AP US History AP Psychology Honors Philosophy
MATH (3 credits)	Concepts of Math Algebra 1 Acl Algebra 1 Acl. Algebra 2 Honors Algebra 2	Algebra 1 Algebra 2 Geometry Acl. Geometry Acl. Algebra 2 Honors Geometry Honors Algebra 2 Hon Study of Geometry	Algebra 2 Geometry Acl. Geometry Honors Geometry Trigonometry/Statistics Acl. Analysis Honors Analysis Hon. Study of Analysis	Geometry Algebra 2 Analysis Trig/Stat Accelerated Statistics Accelerated Analysis Honors Analysis Acl. Calculus AP Calculus AB AP Statistics AP Calculus BC
SCIENCE (3 credits)	Physical Science 9 Acl. Physical Science 9 Honors Biology Hon. Study of Bio.	Biology Acl. Biology Acl Chemistry Honors Chemistry	Environmental Science Chemistry Acl. Chemistry Acl Physics Honors Physics Animal Science * Plant Science * Astronomy * Meteorology * Acl. Biotechnology Acl. Behav. Science	Physics Acl. Physics AP Physics 1& 1,2 AP Biology AP Chemistry AP Environ. Science Hon. Anatomy Acl. Biotechnology Acl. Forensics 1,2 Astron./Meteor. * Hon STEM Hon. Study of Exp. Design in STEM
PHYSICAL ED (1.5 Credits)	PE 9		PE 11	PE 12
HEALTH (.5 credit)		Health & Wellness (10)		
ART & HUM. ELECTIVES (2 credits, 9-12)	Elective or French, German, Spanish, or Latin	Elective or French, German, Spanish, or Latin	Elective or French, German, Spanish, or Latin	Elective or AP French, German, Spanish, or Latin
ADD. ELECTIVES (6 cr., 9-12)	Elective	Elective	Elective	Elective
TOTAL – 23cr., 9-12 23 cr., 9-12	6 Credits	6 Credits	6 Credits	6 Credits

PLEASE NOTE:

- Many colleges/universities require that students take at least 2 years of the same foreign language.
- In order to graduate, **KEYSTONE EXAMS** must be met with **Proficiency in Literature, Algebra 1, and Biology**

* Denotes a semester course.

ARTS AND HUMANITIES

9 th	10 th	11 th	12 th
World Languages 1,2 Ess. Of Art (Acl.) * Acl. Draw. & Painting Ceramics 1* Design 1* Sculpture 1* Metals 1* Acting I Chorale (Acl.) * Acl. Marching Band * Concert Band (Acl.)* String Orch(Acl.) * Guitar(Intro. & Inter.)* Improvisation Music Theory Music Theatre* Music Technology*	World Languages 1,2,3 Ess. Of Art (Acl.) * Acl. Draw. & Paint. 1 Design1 */Sculpture1 * Ceramics1 */Metals 1* Acting/Directing Comm./Media * TV/Video Prod. * Print Journalism * Filmmaking * English Electives * Chorale (Acl.)* Acl. Symph Choir * Marching/Concert/ Symphonic Band * String Orch (Acl.) * Acl. Symph. Orch * Music Theory 1 Music Technology * Guitar * Improvisation Publication Design * Photography 1 Graphic Arts 1 World of Fashion1,2 Interior Design * Music Theatre*	World Languages 1,2,3,4 Acl. Draw. & Paint. 1,2 Design1 */Sculpture1 * Ceramics1 */Metals 1 * Acting/Directing Comm./Media * TV/Video Productions * Print Journalism * Filmmaking * English Electives * Chorale (Acl.) * Acl. Symph. Choir * Marching/Concert/ Symphonic Band * Acl. Symph. Orchestra * String Orchestra (Acl.) * Music Theory 1 AP Music Theory Music Technology * Guitar /Piano * Improvisation Publication Design * Photography 1,2 Graphic Arts 1,2 Online Media 1 * Acl. Online Media 2 Draft. & Design Eng. 1 * Digital Photography * World of Fashion1,2 Interior Design *	World Lang. 1,2,3,4,AP Acl. Draw. & Paint. 2 Honors Dr. & Painting 2* Design2 */Sculpture2 * Ceramics2 */Metals 2 * AP Art History AP Studio Art Acting/Directing Comm./Media * TV/Video Productions * English Electives * Chorale (Acl.)* Acl. Symph. Choir * Marching/Concert/ Symphonic Band * Symph. Orchestra * String Orchestra (Acl.)* AP Music Theory Music Technology * Guitar * Improvisation Hon. Music Arranging Publication Design * Acl. Photography 2 Acl. Graphic Arts 2 Hon. Arch. Design Online Media 1 * Acl. Online Media 2 * Digital Photography * World of Fashion1,2 Interior Design *

Related MIDDLE BUCKS INSTITUTE OF TECHNOLOGY programs:
Commercial Art and Advertising Design, Multimedia Technology

POSSIBLE CAREERS

Actor	Editor/Writer	Photographer
Advertising	Fashion Merchandising	Photoengraver
Appraiser	Film Editor	Printing Press Operator
Architect	Illustrator	Producer/Director
Art Teacher	Landscape Architect	Radio/TV Announcer
Artist	Librarian	Recording Producer
Audio-Visual Specialist	Motion Picture Projectionist	Recording Engineer
Broadcast Technician	Music Director	Reporter
Cartoonist	Music Teacher	Set Designer
Choreographer	Music Therapist	Sculptor
Communications Manager	Music Journalist	Sound Engineering Technician
Composer	Musical Instrument Designer	Studio Technician
Curator	Musician	Visual Artist
Designer – Graphic/Interior	Newscaster	Webmaster

* Denotes an alternate day and/or semester course.

** Most colleges/universities require that students take at least 2 years of the same foreign language.

BUSINESS AND INFORMATION SCIENCES

9 th	10 th	11 th	12 th
World Languages 1,2 Comp. Applic. (Acl) * Acl.Comp. Science 1* Entrepreneurship* Business Law* Personal Finance(Acl.) * Online Media 1 * Intro Business	World Languages 1,2,3 Online Media 1 * Acl. Online Media 2 * Digital Photo. * Comp. Applic. (Acl.) * Acl. Comp. Science 1 * Acl. Comp. Science 2 * Entrepreneurship * Acl. Business Law * Business Mgt. * Sp. & Ent. Marketing * Personal Fin. (Acl.)*	World Languages 1,2,3,4 Honors Mgt. & Lead. * Sp. & Ent. Marketing * Honors Finance * Personal Fin. (Acl.) * Acl. Accounting Acl. Bus. Law * Bus. Mgt. * Honors Economics * Acl. or AP Statistics Comp. Science 1 * Comp. Science 2 * Online Media 1 * Acl. Online Media 2 * Digital Photography *	World Lang. 1,2,3,4, AP Honors Mgt.& Lead * Sp. & Ent. Marketing * Honors Finance * Personal Fin. (Acl.) * Acl Accounting Hon Accounting Acl. Business Law * Business Mgt. * Honors Marketing * Honors Economics * Acl. or AP Statistics AP Computer Science AP Comp. Sci. Principles Online Media 1 * Acl. Online Media 2 * Digital Photography * Hon. Eng. & Robotics

Related MIDDLE BUCKS INSTITUTE OF TECHNOLOGY programs:

- Webpage Design & Interactive Media, and Networking and Systems Security

POSSIBLE CAREERS

Actuary Auto Insurance Appraiser Bank Teller Bill Collector Bookkeeper Credit Analyst Credit/Loan Clerk Economist Financial Analyst Financial Counselor Insurance Adjuster/Examiner Insurance Claim Clerk Loan Officer Market Research Analyst Payroll Clerk Underwriter Accountant Administrative Assistant Auditor Budget Analyst Customer Service Representative Data Entry Employee Training Specialist File Clerk Human Resources Manager	Job and Occupational Analyst Legal Secretary Management Analyst Meetings and Convention Planner Messenger Personnel Clerk Receptionist Secretary Statistician Stenographer Tax Preparer Title Searcher Computer Systems Manager Computer Engineer Computer Equipment Repairer Computer Programmer Computer Security Specialist Computer Support Specialist Computer Systems Analyst Data Communications Analyst Office Machine Repairer Telephone Technician Software Engineer Network Engineer Network Administrator	Telecommunications Engineer Internet Consultant Webmaster Computer Graphics Designer Special Effects Programmer Multimedia Producer Computer Game Designer Play tester, Computer Games Virtual Reality Programmer Computer Hardware Designer Professor, Computer Science Media Specialist Sales, Computer Products Computer Industry Analyst
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HEALTH AND HUMAN SERVICES

9 th	10 th	11 th	12 th
World Languages 1,2 Child Dev. Nurs. (Acl.) Food Prep * Acl. Nutrition & Diet. Life on Your Own * Personal Nutrition*	World Languages 1,2,3 Child Dev. Parenting Acl. Nutrition & Diet. Food Prep * Culinary Arts Child Dev. Nurs. (Acl.) Life on Your Own * Emerg. Mngt/Pers.Saf.* Acl. Phys. Ed. World of Fashion 1,2	World Lang. 1,2,3,4 Child Dev. Nurs. (Acl.) Acl. Nutrition & Diet. Food Prep * Culinary Arts Honors Anatomy Emerg. Mngt/Pers. Saf.* Intro. Psychology * Sociology * Acl. Finding Happiness	World Lang. 1,2,3,4,AP Child Dev. Nurs. (Acl.) Acl. Nutrition and Diet. Personal Nutrition* Food Prep * World Food Culinary Arts Honors Anatomy Acl. Microbiology Human Sexuality * Emerg. Mngt/Pers.Safety* Acl. Psychology

Related MIDDLE BUCKS INSTITUTE OF TECHNOLOGY programs:

- Medical & Health Professions, Cosmetology, Early Childhood Care & Education, Culinary Arts, Public Safety, Dental Occupations, Sports Therapy and Exercise Mngt.

POSSIBLE CAREERS

Anesthesiologist	Veterinarian	Fire Fighter
Athletic Trainer	Adult Education Teacher	Fire Inspector
Audiologist/Speech Pathologist	College/University Teacher	Fish and Game Warden
Chiropractor	Elementary Teacher	Guard
Dental Assistant	Library Assistant	Judge
Dental Hygienist	Preschool Teacher	Lawyer
Dentist	Principal	Legal Technician (Paralegal)
Dietician/Nutritionist	Public Health Educator	Police Detective
Emergency Medical Technician	School/Career Counselor	Police Patrol Officer
Hairdresser	Secondary Teacher	Police Supervisor
Health Services Manager	Special Education Teacher	Private Investigator
Home Health Aide	Sports Instructor	Radio Operator
Medical Laboratory Technician	Teacher Aide	Real Estate Agent
Nuclear Medicine Technologist	Vocational Education Teacher	Sheriff
Nurse	Child Care Worker	Government Service Executive
Occupational Therapist	Clergy	License Clerk
Optometrist	Clinical Psychologist	Municipal Clerk
Oral Surgeon	Counseling Psychologist	Social Services Manager
Orthodontist	Manicurist	Urban and Regional Planner
Pharmacist	Probation Officer	Chef
Physical Therapist	Personal Care Aide	Coach
Physician	Rehabilitation Counselor	Food Services Worker/Manager
Physician Assistant	Residential Counselor	Host
Psychiatrist	School Psychologist	Hotel/Motel Manager/Clerk
Radiation Therapist	Social Worker	Housekeeper
Recreational Therapist	Sociologist	Professional Athlete
Respiratory Therapist	Animal Control Worker	Recreation Worker
Safety Inspector	Correctional Officer	Tour Guide
Surgeon	Court Clerk	Travel Agent

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ENGINEERING AND INDUSTRIAL

9 th	10 th	11 th	12 th
World Languages 1,2 Draft & Des. Eng. 1 * Electronics 1* Energy & Power 1 * Woodworking Tech 1 * Eng. & Robotics*	World Language 1,2,3 Woodworking Tech 1,2 Eng. & Robotics* Electronics 1* Draft & Des. Eng. 1,2* Energy & Power 1,2* Know Your Car *	World Lang. 1,2,3,4 Acl Wood Tech 2* Hon. Eng & Robotics Honors Electronics2 Hon. Arch Draft. Acl.Energy & Power 2* Know Your Car *	World Lang. 1,2,3,4,AP Hon. Eng. & Robotics Honors Electronics 2 Hon. Arch. Drafting Energy & Power 2* Know Your Car * Ind. Study Courses*

Related MIDDLE BUCKS INSTITUTE OF TECHNOLOGY programs:

- Computerized Drafting & Engineering Graphics, Engineering Related Technology, Collision Repair Technology, Automotive Technology, Residential Construction Carpentry, Electrical Technology, Plumbing & Heating Technology, Welding Technology, Building Trades Occupations, Horticulture Landscape & Design

POSSIBLE CAREERS

Aircraft Electrician Assembler Boilermaker Cabinetmaker Chemical Plant Operator Civil Engineer Drilling Machine Operator Electrical Motor Repairer Electronic Engineer Electronics Repairer Furniture Finisher Home Appliance Repairer Industrial Engineer Industrial Machine Mechanic Materials Engineer Mechanical Engineer Metallurgical Technician Textile Machine Operator Tool and Die Maker Upholsterer Welder Woodworker Civil Engineers Drafter Engineering Technician Inspector and Compliance Officer Operations Research Analyst	Surveying & Mapping Specialist Aircraft Mechanic Automotive Body Specialist Diesel Mechanics Technician General Maintenance Mechanic Line Installer and Repairer Small Engine Repairer Telecommunications Equipment Mechanic, Installer, Repairer Bricklayer Carpenter Cement Masons Construction Inspector Construction Manager Drywall Installer Electrician Heating/Air-Conditioning and Refrigeration Installer Painter/Paperhanger Plumber/Pipefitter Roofer Aerospace Engineer Agricultural Engineer Biomedical Engineer Chemical Engineer Electrical Engineer Environmental Engineer
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