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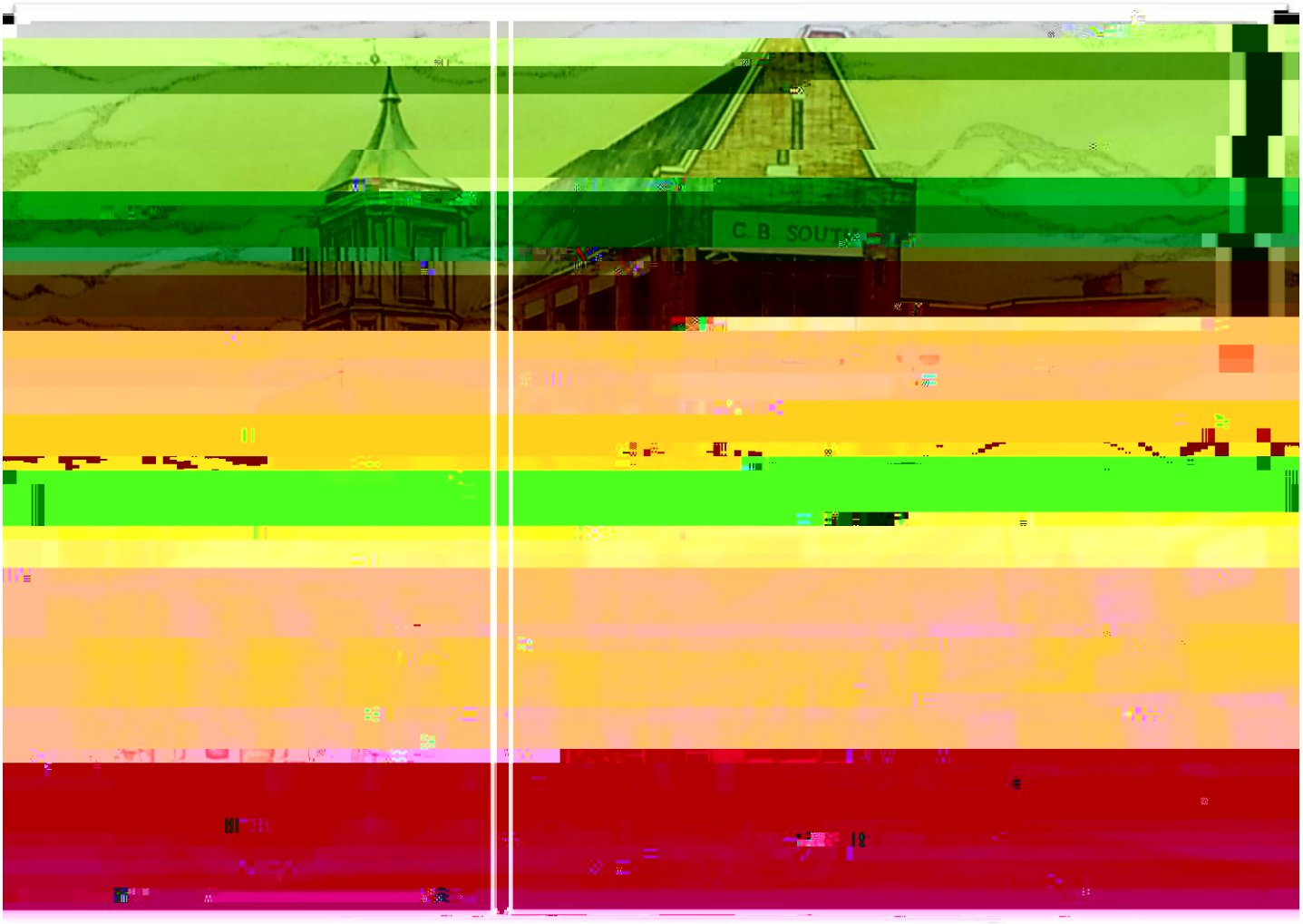

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Planning Your Program

Planning a four-year program is a serious undertaking. Although some of your courses are required, you will have many choices to make during your years of school. The courses you request will be guided largely by your plans for the future . Whatever your plans, you should be taking the most challenging courses you can within your academic abilities.

Some students are sure of their future plans; others are not. It is common for young people to change their minds about which career to choose. The important thing is to choose as rigorous a program as possible,
college or career plans. Sometimes it seems overwhelming to have

Here is a sample of a schedule for a student who attends Middle Bucks Institute of Technology in Grade 10. The MBIT program may be scheduled in the morning or afternoon. This example shows MBIT in the morning.

	Grade 10			
	1st MP	2nd MP	3rd MP	4th MP
1	MBIT Program		MBIT Program	

Required Graduation Credit Distribution

Subject	Standard Diploma	MBIT/Standard Diploma	Œ ‘ ˜ • Š › œ 1 ’ ™ • ˜ –
English	4.00	4.00	4.00
Mathematics	4.00	4.00	4.00
Science	2.00	2.00	3.00

ART

8250Exploring Drawing and Painting
(.25 credit)
This course is designed for all students who enjoy two-dimensional work. Emphasis is placed on developing basic drawing and painting skills and techniques, while being introduced to a variety of two-dimensional media through creative exploration. Possible media include(s)

There will be an emphasis on applying algebra to geometric figures and applying geometric concepts to real world scenarios. Prerequisite: (2810) Algebra 1 or (2811) Algebra 1B,

SCIENCE

3900 Honors Science 9
(1 credit)
Honors Science 9explores the complex and dynamic setre W*7lvuf intercon-

6958 Engineering Processes
Not offered at Tamanend
(.25 credit)
This course is designed as
sics of materials processing and production. From developing an idea to following a plan, students learn to safely use tools and power equipment to process materials to form finished products.

WORLD LANGUAGES

4501 Spanish 1
(1 credit)
The goal of first-year language is to enable students to use fundamental expressions and vocabulary in verbal and written context while integrating cultural elements. This course emphasizes communicative skills, relevant grammar concepts, reading and listening comprehension and cultural concepts. The target language will be the language of the classroom. Online resources, and a variety of supplementary materials are used to help achieve this goal. The department recommends a grade of *C*
English course.

4202 French2
4502 Spanish 2
(1 credit)
Level 2 continues language study in the same patterns as Level 1. Students experience opportunities for more advanced verbal and writ ten self-expression and related cultural elements. This course emphasizes communicative skills, more advanced grammar concepts, reading and listening comprehension and cultural concepts. The target language will be the language of the classroom. Online resources, and supplementary materials are essential elements of these courses. Prerequisite: Level 1, grade - or better.

ART

All courses in Art are only offered if there is sufficient enrollment.

0100Honors English 11
0100C Honors English 11 (CB Cyber Course)*
0120 Academic English 11
0120C Academic English 11 (CB Cyber Course)*
(18 weeks, 1 credit)
The English 11 course is designed to equip students with the knowledge and skills to listen caref

of class time. Note: Journalism may be

0676 Media Production 3
(9 weeks, .5 credit / East & West)
0677 Media Production 3
(18 weeks, 1.0 credit / CB South)

Stress Management, Healthy Relationships, and HIV/AIDS. This process of learning about the needs and care of the human mind and body is essential for optimal living.

7069 Stress Management and Healthy Living
(9 weeks A/B, .25 credit)
This elective, coeducational course provides students with an opportunity to learn about stress, its causes, and various ways to effectively handle its impact on their life. Topics covered include: What is stress?, exercise, relaxation, nutrition, awareness based interventions, and behavioral techniques. Various techniques will be practiced throughout the course and appropriate clothing is required to participate. This course may be taken more than once.

7562 Advanced Health
(9 weeks, .5 credit)
This nine-week course is designed for students with an interest in health or medicine. Course content includes the study of basic anatomy (structure) and physiology (function) of the human body. The focus of the course will analyze the impact of a disease or a life/health problem on the physical, psychological, and social well-being of the individual. Various techniques will be practiced throughout the course and appropriate clothing is required to participate.

7064 Team Sports
(9 weeks, A/B, .25 credit)
This nine-week course is designed for students in grades 10-12 who enjoy the competition of team sports. Activities include team hand-

MATHEMATICS SEQUENCE			
These sequences represent typical pathways through high school mathematicsclasses. Additional pathways are possible. If you have any questions, your current mathematics teacher or school counselor will be able to answer them for you.			
Grade 9	Grade 10	Grade 11	Grade 12
Advanced Placement Sequence			

2541 Applied Mathematics

(18 weeks, 1 credit)

This course is designed for students who have already completed both Algebra 2 and Geometry. Students will apply mathematics, algebra, and geometry to real-life situations. Typical workshop situations might include designing a landscape or home, tracking stocks, surviving a financial crisis, and planning for your financial future. Prerequisite: (2640) Algebra 1B and (2645) Geometry, or approval of the Math Transition Committee. Please contact your school counselor.

2122 Geometry/Trig

(18 weeks, 1 credit)

This course is designed for students who have successfully completed Algebra 1 or Algebra 1B. Geometry/Trig has three major sections: The Foundation (Units 1-2), The Heart (Units 3-5), and The Appl ication (Units 6-8). In *The Foundation* students will learn about proper mathematical communication. Students will learn to make

2601 Advanced Placement Statistics

(18 weeks, 1 credit)

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course will expose students to four broad conceptual themes: (1) exploring data observing patterns and departures from patterns, (2) planning a study deciding what and how to measure, (3) anticipating patterns producing probability and simulation, and (4) statistical inference confirming models. The course outline covers the topics recommended by the College Board. Thepace is fast and intense in order to assure time for practice testing exercises.Students who take this course should plan to take the Advanced Placement Sta

SCIENCE

SCIENCE SEQUENCE These sequences represent typical pathways through high school science classes. Additional pathways are possible. If you have any questions, your current science teacher orschool counselor will be able to answer them for you.			
Grade 9	Grade 10	Grade 11	Grade 12
Most Rigorous Sequence			

planning to pursue careers in medi cine, engineering, or other science fields should consider taking this course. Students taking this course should plan to take the Advanced Placement Chemistry Test given in May. AP weighted -grade course.

ment affects our policies, economies, and social issues while also examining the three branches of our national government, the role of political parties and interest groups, and elections. Economics will introduce such fundamental economic concepts as scarcity, opportunity costs, supply and demand, competition and incentives, fiscal and monetary policy, forms of business organization, the business cycle, and the economic role of government. The honors course addresses the same topics but in more depth with added readings, writing assignments, and projects. Honors weighted grade for 1012/1012C. Honors prerequisite: Teacher recommendation. *1012C & 1012C are asynchronous online courses offered through CB Cyber. Please see www.cbsd.org/cyber for more information.

1203 Advanced Placement Comparative Government
(18 weeks, 1 credit) / Grade 11, 12
This course will focus on the historical and contemporary development of governmental, political, and social systems in Great Britain, France, Russia, China, and other less developed nations. Students who take this course should plan to take the AP Comparative Government test in May. AP weighted -grade course. Prerequisites: or better in AP European History or AP U.S. History or or better in 10th or 11th grade social studies course or teacher recommendation.

1210 Honors Global Relations
1220 Academic Global Relations
1220C Academic Global Relations (CB Cyber Course)*
(18 weeks, 1 credit) / Grade 12
Students in this course will study how countries relate to one another, how they work together, and how they sometimes conflict in our world today. A major focus of the course is the impact of international issues on the formulation of American foreign policy. Comparative economic systems and international trade in the evolving global economy will also be considered. The central skill of economics is decision-making; emphasis will be placed on the development of an economic perspective to problem-solving so students can better understand current economic issues such as inflation, unemployment, stagflation, productivity, and the national debt. *1220C is an asynchronous online course offered through CB Cyber. Please see www.cbsd.org/cyber for more information. The honors course addresses the same topics but in more depth with added readings, writing assignments, and projects. Honors weighted grade for 1210. Honors prerequisite: Teacher recommendation .

1201 Advanced Placement Microeconomics
1201C Advanced Placement Microeconomics (CB Cyber Course)*
(18 weeks, 1 credit) / Grade 11, 12
This is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops student familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. *1201C is an asynchronous online course offered through CB Cyber. Please see www.cbsd.org/cyber for more information. Students who take this course should plan to take the AP Microeconomics test in May. AP weighted -grade course. Prerequisites: or better in AP European History or AP U.S. History or or better in previous social studies course or teacher recommendation.

1202 Advanced Placement Macroeconomics
1202C Advance Placement Macroeconomics (CB Cyber Course)*
(18 weeks, 1 credit) / Grade 11, 12
AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. *1202C is an asynchronous online course offered through CB Cyber. Please see www.cbsd.org/cyber for more information. Students who take this course should plan to take the AP Macroeconomics test in May. AP weighted -grade course. Prerequisites: or better in AP European History or AP U.S. History or or better in previous social studies course or teacher recommendation.

1300 Advanced Placement Psychology
Grades 10,11,12 (*This is an Elective but can replace the 12th Grade Social Studies Required Credit for 12th Graders Only)
(18 for a semester or 36 weeks (A/B schedule-all year), 1 credit)
The Advanced Placement Psychology course is designed to introduce mature students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. The Advanced W* n BT /F5 9 Tf 1pTJ ET Q

6462 Materials Engineering 2

Offered at CB South and CB West

(18 weeks, 1 credit)

Building upon experiences in the level 1 course, students in Materials Engineering 2 will engage in a variety of activities. Students will have the opportunity to select their own product as they investigate advanced machining. A fee will be charged for materials used in

4213French 3 Honors
4513 Spanish 3 Honors
4513C Spanish 3 Honors (CB Cyber Course)*
(18 weeks, 1 credit)

ciency and achievement in the skills of listening, speaking, reading,

4402 Latin 2
(18 weeks, 1 credit)
Latin 2 builds upon the foundation of Latin 1. Advanced grammatical concepts and vocabulary allow the student to continue reading, comprehending, and translating Latin passages. These passages, filled with cultural content, begin with Roman Britain and the city of Alexandria, and explore the arts and sciences of the regions, including travel and communication. Special focus continues to be given to Latin-English word derivations. Prerequisite: Latin 1, - or better.

4403 Latin 3
(18 weeks, 1 credit)
Latin 3 continues the work of Latin 2, by using new and advanced grammatical concepts, more subject-specific vocabulary, and figures of speech. Roman life and culture will be emphasized while exploring Roman religion, entertainment, architecture, military, and the of various Roman colonies. Special emphasis continues to be given to Latin-English word derivation. Prerequisite: Latin 2, - or better.

4522 Study Abroad: France (Summer of 2025)
4521 Study Abroad: Spain (Summer of 2024)
(.25 elective credit)
Study Abroad courses are designed to provide the student with an immersion experience and the opportunity to use a world language in an authentic culture where the target language is spoken. Participants will experience the art, music, history, and customs of the country as well as participate in tasks that improve and enhance their language ability. Each study abroad course contains five elements; pre-travel sessions (attendance at these sessions is mandatory for students), project, classwork abroad, travel, and reflection. While abroad and leading up to trip, students must adhere to all school board policies, including those regarding drugs, alcohol, and weapons. Students will comply with requirements regarding masking, vaccinations and/or evidence of negative covid tests as required by the host country. Online applications will be available at the informational meeting, the date for this meeting will be provided by World Languages Department teachers. The cost of the course will

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ng Period	Second Marking Period	Third Marking Period	Fourth Marking Period

ng Period	Second Marking Period	Third Marking Period	Fourth Marking Period

First Marking Period	Second Marking Period	Third Marking Period	Fourth Marking Period