

# BETHEL HIGH SCHOOL



**2018-2019 Course of Study**

**[www.bethelk12.org](http://www.bethelk12.org)**

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## **GRADUATION REQUIREMENTS**

For the class of 2019 and beyond, twenty-two (22) credits will be required for graduation. Credit is awarded only after a student has completed all the requirements for a course and earned a final passing grade. Semester classes earn 0.5 unit of credit with the exception of 0.25 credit for Physical Education, while full year courses earn 1.0 unit of credit.

*High School students must complete and earn the full-required amount of graduation credits, pass all state-required tests and have all school fees paid-in-full to be eligible to participate in the graduation ceremony of Bethel Local Schools.*

<b>Graduation Requirements for Class of 2019 and beyond</b>			
<b>Subject Area</b>	<b>Credit</b>	<b>Subject Area</b>	<b>Credit</b>
English	4.0	Health	0.5
Mathematics (including 1 credit of Algebra 2)	4.0	Physical Education	0.5
Social Studies	3.0	(Or Physical Education Waiver via sport participation)	
World Studies	1.0	Foreign Language, Computer Science, or Business	1.0
US History	1.0	Fine Art (visual or performing)	1.0
American Govt.	1.0	Electives to complete required 22 credits with the inclusion of a Senior Project	5.0
Science	3.0	<b>Credit Minimum</b>	<b>22</b>
Physical Science	1.0	**MVCTC student may be exempted from the Fine Art requirement	
Life Science	1.0		

**VALEDICTORIAN AND SALUTATORIAN SELECTION**

**CLASS RANK ADMINISTRATIVE GUIDELINES**

***Beginning with the Class of 2019***, Bethel Local Schools will use a system of weighted grades to determine class rank. All advanced placement classes and CCP+ classes with the same AP equivalency receive a weighted grade system at Bethel High School. Marks earned in half unit subjects are averaged at half (1/2) the value of one (1) unit subjects. Students' standing ranking in the senior class is only one of the determining factors for receiving the honor of valedictorian and salutatorian at Bethel High School.

**HONOR OF VALEDICTORIAN AND SALUTATORIAN**

***Beginning with the Class of 2019***, the honor of valedictorian and salutatorian are presented to the seniors with the highest scholastic averages per the criteria outlined below. In order to be chosen as valedictorian or salutatorian Bethel High School students or CTC students must meet the following criteria:

**Bethel High School Students:**

1. To be an eligible candidate for either valedictorian or the salutatorian, a senior must have attended Bethel High School for FIVE (5) consecutive semesters OR be enrolled in College Credit Plus (CCP+) options for FIVE (5) consecutive semesters AND be classified as a FULL-TIME student (enrolled in a total of five or more credit hour classes at Bethel High School, CCP+ and/or CTC).
2. The student must have earned at least FIFTEEN (15) Carnegie units of credit as a full time student in an accredited institution. (Credits earned through home education, correspondence, on-line schools and summer school do not count.)
3. The candidate must have been enrolled in and completed a minimum average of FOUR (4) core academic subjects in each grade (9 through 11) and be presently enrolled in a minimum of FOUR (4) core academic subjects or the equivalent as a senior (i.e. CCP+ classes).

**MVCTC-One Year Program:**

- 1 Must have completed at least twelve (12) academic units with a minimum of four academic credits earned at Bethel High School.
2. Must be enrolled in one CTC academic subject in addition to the normal load of vocational subjects.

**MVCTC-Two Year Program**

1. Must have completed at least eight academic credits at Bethel High School in addition to the normal
2. Must have completed or be enrolled in a minimum of two CTC academic subjects

**Selection Criteria for determining Valedictorian and Salutatorian:**

For the purpose of determining the valedictorian and salutatorian, TWO CRITERIA will be used to determine these honors:

- HIGHEST CUMULATIVE GRADE POINT AVERAGES for core academic classes taken on campus and instructed by an employee of Bethel Local Schools on a weighted scale system (5, 4, 3, 2, 1) based on all FOUR years of high school (*Tabulated at the end of the third nine weeks grading period of the senior year*)
- AMOUNT OF CREDITS earned in core academic classes taken during a student’s high school career, grades 9-12

Bethel High Schools’ FIVE POINT weighted core classes are the following (if available):

English	AP Literature and Composition	AP Language and Composition	
Math	Pre-Calculus	AP Calculus	
Science	Physics	AP Biology	
Social Studies	AP US History	AP Government	AP Psychology
World Languages	Spanish 3	Spanish 4	

The following non-core courses offered at Bethel High School are not part of the Valedictorian/Salutatorian class criteria: Business Classes, Technology, Physical Education, Health, Fine Arts Classes, and Yearbook

**Class Standing and Promotion**

The grade levels are as follows: 1st year - Freshman (9); 2nd year - Sophomore (10); 3rd year - Junior (11); 4th year - Senior (12). It is important to note that while there is no longer a minimum credit requirement to obtain the next grade level in high school there IS minimum requirements for graduation from high school (refer to page 3 for graduation requirements). A standard for students is that they should accumulate between 5.50 to 7 credits a year by taking a full academic load and passing their classes. Students who fail courses typically have to either retake the course the following year or take summer online classes at the student’s/parent’s expense.

**Grade Point Average (GPA) and Class Rank**

**Semester grades and final grades** appear on each student’s permanent high school transcript in grades 9-12. The first semester grade is a combination of the grades for each of the first and second nine weeks, plus the exam grade if it is administered. The administration uses **quarterly grades**, not semester grades, to determine honor roll and athletic eligibility for students. Bethel High School uses an unweighted grade point average for college admission.

The GPA scale is as follows:

Bethel High School Grading Scale		
Letter Grade	Number Grades	Point Value
A+	97-100	4.00
A	96-93	4.00
A-	92-90	3.67
B+	89-87	3.33
B	86-83	3.00
B-	82-80	2.67
C+	79-77	2.33
C	76-73	2.00
C-	72-70	1.67
D+	69-67	1.33
D	66-63	1.00
D-	62-60	0.67
F	59 - Below	0

**Weighted Grades:** Bethel High School currently offers weighted courses for advanced work. These courses are identified as our Advanced Placement (AP), Dual Enrollment courses in the core content (English, Math, Science, and Social Studies), and off campus CCP courses in the core content (English, Math, Science, and Social Studies) . Therefore, .025 is added to the cumulative grade point average (GPA) at the end of each semester of the course. Only a C (73) or above earned in the course will be weighted.

Comparison of Diplomas with Honors Criteria			
<i>Students need to fulfill all but one of the applicable criteria for the Diploma with Honors.</i>			
Subject	Academic Diploma with Honors for Classes 2011 and Beyond	Career-Technical Diploma with Honors for Classes 2012 and Beyond	
English	4 units	4 units	
Mathematics	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	
Science	4 units, including physics and chemistry	4 units, including two units of advanced science ****	
Social Studies	4 units	4 units	
Foreign Language	3 units (must include no less than 2 units for which credit is sought), i.e., 3 units of one language or 2 units each of two languages	N/A	
Fine Arts	1 unit	N/A	
Electives	N/A	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post secondary credit	
Grade Point Average	3.5 on a 4.0 scale	3.5 on a 4.0 scale	
ACT/SAT Score [excluding scores from the writing sections]*	27 ACT / 1210 SAT	27 ACT / 1210 SAT	
Additional Assessment	N/A	Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent	

### **College Admission**

Most institutions require specific courses for admission and look primarily for strong coursework in a high school student's curriculum as an indicator of potential success at their institution. Most colleges consider strength of curriculum in the senior year vital to college success. Student rank and grade point average, scores on college entrance examinations, extracurricular activities, and recommendations from the high school faculty are other important considerations.

The American College Test (ACT) and the Scholastic Aptitude Test (SAT) are prerequisites for gaining admission to almost all colleges. Registration for these two tests can be accessed on-line at [www.actstudent.org](http://www.actstudent.org) or [www.collegeboard.com](http://www.collegeboard.com). Students should arrange to send scores directly to the colleges of choice when registering to take the tests. A writing essay is a component of both the ACT and SAT. The SAT writing section is mandatory while the ACT writing section is optional. SAT scores range from 600-2400 points. The ACT composite score is a maximum of 36 points. If taken, the ACT writing score is a separate score from the composite score taken from English, Mathematics, Science and Reading subscores. It is strongly encouraged that students take the writing portion of the ACT. Students should take both the ACT and SAT at least once by the end of their junior year.

In planning a high school course of study, a student should determine as early as possible the college he/she plans to attend. Parental guidance in a variety of extracurricular activities and early visits to college campuses aid students in getting to know

themselves and their potential career pathway. Online college catalogues and those available in the Bethel Counseling Office help in determining what courses are recommended in high school to gain admission to a preferred college.

**Miami Valley Career Technology Center (MVCTC)**

1. Students preparing for the MVCTC must earn minimum credit in the following coursework during their freshman and sophomore years:

English	English I/ English I H	English II/English II H
Math	Algebra 1	Geometry
Science	Physical Science	Biology
Social Studies	World Studies	American History/ AP US History
Physical Education	2 PE courses = .5 credit	OR Alternative PE credit
Health	Health = .5 credit	

2. **Student participation and expectations while attending MVCTC:**

- A student rides his/her regular bus to the Bethel School building.
- Upon arrival at Bethel, the Career Technology Center students board the bus to the MVCTC.
- Students spend a full day at MVCTC; time is divided between program related studies, laboratory, academic classes, and lunch.
- At the end of the school day, students return to Bethel by bus and then transfer buses for the ride home.
- **Students remain members of Bethel High School and are encouraged to participate in extracurricular activities at Bethel High School.**
- Students participate in MVCTC Recognition Night and Bethel Senior Awards Program and Bethel High School commencement exercises.
- Students are graduates of Bethel High School, receive their diplomas from Bethel Local Schools, and participate in graduation exercises at Bethel High School provided they meet the required deadlines and graduation requirements.

3. **MVCTC Certificate of Recognition and Certificate of Completion With Honors**

This information serves as a guideline for MVCTC policies and awards and are subject to change according to official MVCTC publications

- **Certificate of Completion - In order for a student to receive a Certificate of Completion, he/she must:**
  - maintain a 1.50 GPA or above for all classes
  - maintain a minimum 93% attendance
  - complete Senior Work Experience Program requirements
  - all fees and financial obligations (including SN@P computer) must be paid in full by established deadlines.
- **Certificate of Completion With Honors - In order for a student to receive a Certificate of Completion With Honors, he/she must:**
  - maintain a 3.250 GPA or above for all classes
  - maintain a minimum of 97% attendance
  - complete Senior Work Experience Program requirements
  - all fees and financial obligations (including SN@P computer) must be paid in full by established deadlines.

4. This information serves as a guideline for MVCTC policies and awards and are subject to change according to official MVCTC publications.

**Honor Roll:**

Juniors and Seniors who maintain grades of B or better in academic, correlated and career technical programs are eligible for the Honor Roll, which is updated each quarter. An A average (4.0) will be designated by an asterisk (\*).

**School Letter Requirements:**

The MVCTC school letter is a regard of achievement or distinction. All students at the MVCTC through diligence and hard work could qualify for a school letter. To qualify, a student must accumulate ten (10) points from academic and leadership categories (see MVCTC Student Handbook for further information.)

**Credit Flexibility Options**

This plan meets or exceeds the intent of Ohio SB311, ORC 3313.603(J) and Bethel Board Policy. Credit flexibility options are designed for those students who demonstrate the ability, interest, and maturity to accept personal responsibility for their learning in a selected curricular area and have the opportunity to pursue it beyond the original delivery at Bethel High School. The purpose of the credit flexibility option is to develop learners who cultivate their own research, learning objectives, and plans whereby they will attain those objectives outside of the traditional classroom. Students may engage in activities beyond the traditional delivery of a classroom by taking part in an alternative learning experience to the traditional “seat time” of classroom work, where they will demonstrate identified learning objectives.

As with any program, parents and students need to make sure to thoroughly explore the options and consider all of the ramifications, both positive and negative, before committing to any program. Difficulties with some of these programs include potential eligibility difficulties with the NCAA and the OHSAA. Athletes are discouraged, unless it is in addition to the five classes needed to maintain eligibility.

Students will be required to complete a Bethel High School Credit Flexibility Plan where they will identify their credit flex intent, identify the objectives they will demonstrate, and create a timeline for completion. Individuals and organizations wishing to partner with the student in a credit flex plan will need to seek approval from Bethel High School. For more information regarding Credit Flexibility and application go to [www.bethelk12.org](http://www.bethelk12.org) (Guidance Web Link). Deadline to submit application is May 1.

**Athletic Eligibility**

**Eligibility/Grade – 9-12** – The eligibility policy as stated by the Ohio High School Athletic Association is: A student must be passing a minimum of five classes, which would earn one (1) credit for the year or one-half (1/2) credit for the semester. **Eligibility is checked every quarter. For Fall Sports, the 4th quarter of the previous school year is used to determine eligibility.** Physical Education is a one-quarter (1/4) credit class therefore you must still pass five (5) additional classes. Eighth grade students entering the ninth grade must pass 5 classes in the fourth quarter of their 8th grade year.



## End of Course Exams (as taken from the Ohio Department of Education)

For each of the seven end-of-course state tests, a student earns one to five graduation points. Students have the potential to earn a total of 35 points. To meet this graduation option, a student must earn a minimum number of 18 points from the seven tests.

This graduation option gives a student flexibility in accumulating 18 points. A high score on one test can balance a low score on another test. A student must earn a total of at least four points on English tests, four points on math tests and six points on science and social studies tests.

PERFORMANCE LEVEL	GRADUATION POINTS
Advanced	5
Accelerated	4
Proficient	3
Basic	2
Limited	1

Students who transfer into a district from out-of-state and students previously home-schooled with no previous test scores will have their minimum graduation point requirement prorated. The table below shows how the points change based on the number of tests remaining.

GRADUATION POINT REQUIREMENT FOR TRANSFER STUDENTS			
Tests Remaining	Points Required	Tests Remaining	Points Required
7	18	4	10
6	15	3	8
5	13	2	5

**Note: Students must earn a minimum of five points across the English II and/either the integrated mathematics II or geometry end-of-course tests.**

Regardless of the tests remaining, at minimum, out-of-state and home-school transfer students must take the English II and either the integrated math II or geometry end-of-course tests and earn a minimum of five points across tests in order to graduate.

Students must also test in any course that they have not yet completed if the course has a corresponding end-of-course test. Therefore, if a student transfers in with only biology and American government left to take, the student would be required to take

the biology, American government, English II and Geometry (or Integrated Math II) tests, and earn a total of 10 points, five of which must come from the English and mathematics tests.

If a student transfers in with only one test or no tests remaining, the student may take the college and career readiness tests. If the student meets the remediation-free scores on the ACT or SAT, they will have satisfied the assessment component of the graduation requirements. If the student does not earn a remediation-free score, then the student must take the English II and either the geometry or integrated math II end-of-course tests plus any tests associated with courses that they have not yet taken and earn the required prorated points to satisfy the graduation requirements.

This prorated graduation point option takes effect with the class of 2018. These are students who entered the ninth grade for the first time in the 2014-2015 school year. Students who started high school before to July 1, 2014 must pass the five Ohio Graduation Tests (OGT) or satisfy the new assessment options for OGT students provided [here](#).

### **Advanced Placement**



AP courses are designed around the CollegeBoard AP curriculum. This curriculum is very rigorous intended for those students who want to be pushed and dive deeper into the material. All AP classes are fast paced. The expectation of the course is that there will be summer work that needs to be completed prior to the start of school. There will also be more than usual outside classroom work as there is a lot of material to cover in preparation for the AP test given in May. It is important for students and parents to speak with the AP teacher prior to signing up for the course to completely understand the expectations.

### **21<sup>st</sup> Century Class**



A class with the logo attached is considered a 21<sup>st</sup> Century class. These classes will be taught more from a project-based perspective focusing on gaining appropriate skills a student will need for college and life after high school, regardless of one's chosen path.



### **Dual Enrollment**

Dual enrollment allows students the opportunity to earn college credit while remaining on the Bethel High School campus. For the purpose of this course of study any class labeled with the Urbana logo has the opportunity to earn college credit through Urbana University. For admittance to Urbana University students must have a cumulative GPA of 3.0. Additional coursework will be required to meet the college curriculum requirements. [Applications to Urbana University for the following school year will be due to the guidance counselor by May 1st.](#) For further specific questions regarding College Credit Plus or dual enrollment please contact the guidance office. Core content dual enrollment courses are weighted.

### **Scheduling Considerations**

1. All students will schedule a minimum of six (6) periods for the academic school year. Students are permitted at maximum one (1) study hall per semester.
2. Class sizes are created based on what students and parents determine during the scheduling process in the year prior. It is important students and parents consider such things as difficulty of the class, amount of work a class demands (AP and Dual Enrollment), summer work that must be completed prior to the start of the new school year, and the motivation of the student to complete the necessary work.
3. Students should make decisions for electives and core courses based on their skill level, interests, and future. Students should NOT make scheduling decisions based on their friends.
4. Courses and the periods they are offered are not adjusted for college classes taken off-campus.
5. The administration reserves the right to cancel a class due to lack of enrollment.
6. Students wishing to become eligible for the NCAA are advised of grade point average, curriculum, and college testing requirements. Questions should be directed to the Athletic or Counseling Department, or check the NCAA website link on the Bethel Guidance page.

### **Student Responsibilities**

1. Investigate the course of study and classes you request to enroll.
2. Understand the expectations of the course (i.e. course workload expectations, AP and CCP+ workload)
3. Consider workload of the entire schedule and after-school activities.
4. Discuss plans with parents, counselor, and teacher prior to scheduling day.

### **Adding and Dropping a Course**

1. Students may add a course within the first 3 days of the school year
2. Students may not drop a course at the start of the school year unless it is determined it is detrimental to the students overall education.
3. Students cannot drop a course for a study hall if they already have a current study hall on their schedule.
4. Students are not permitted to drop a year-long course at semester time.
  - a. If it is determined the student cannot pass the course for the year at semester a student with parent permission may drop the course. A W/F will go on their transcript and impact their GPA. It is important students and parents carefully make decisions during the scheduling process time.

## **2017-2018 Course Descriptions**

All course fees are subject to change based upon Board of Education approval.

### **ART**

Any of the following Visual Art classes meet the State of Ohio fine art requirement as well as the college preparatory fine art requirement of one credit.

#### **Art 1 - 8100**

Prerequisite: None

Grades: 9 - 12

Length: Year; 1.0 credit

Program Type: Elective

Course Fee Required

Students will explore a variety of media while expanding their knowledge of art history, aesthetics, and art criticism. Projects will incorporate both 2 and 3 dimensional art and include traditional art forms such as drawing, painting, ceramics, printmaking, sculpture, and mixed media. Lessons will reinforce the elements and principles of design as well as cross curricular projects. Students will build an appreciation for the visual arts while expanding their creativity and their artistic skills.

#### **Art 2 - 8220**

Prerequisite: Art 1 or Teacher Permission

Grades: 9 - 12

Length: Year; 1.0 credit

Program Type: Elective

Course Fee Required

This course will spend a semester in the realm of two-dimensional surface design and a semester in teaching the three-dimensional artwork. The two-dimensional projects will include using different mediums (pencils, charcoals, pastels, acrylic paint, watercolor paints, oil paints, scratchboards, gimp, and alchemy) that attempt to showcase the student's knowledge and ability of traditional and nontraditional subject matter such as still lifes, landscapes, portraits, design, while including personal ideas, taste and styles. The

three-dimensional portion of the class including ceramics, wood, metal, stone, paper and mixed-media. Students will learn to initiate, define, and solve challenging visual arts problems independently using intellectual skills such as analysis, synthesis, and evaluation.



### **Art 3 - 8240 or Dual Enrollment (Art 102 Drawing- 8241)**

Prerequisite: Art 1 and Teacher Permission

Grades: 9 - 12

Program Type: Elective; Dual enrollment option

Length: Year; 1.0 credit

Course Fee Required

This course is designed to enable students to build upon the skills learned in the previous art classes and begin to create and develop a portfolio for potential college admissions. Students will engage in lessons that produce artifacts in drawing, painting, clay, sculpture, and digital media. Students will also examine influential artists from diverse backgrounds, time periods, and movements. Students will also learn more about today's groundbreaking artists and careers in art.



### **Art 4 - 8260 or Dual Enrollment (Art 105 Basic Design - 8261 )**

Prerequisite: Art 3 and Teacher Permission

Grades: 11-12

Program Type: Elective; Dual enrollment option

Length: Year; 1.0 credit

Course Fee Required

This course is for serious art students only. It provides the opportunity for more advanced art forms. Students will be responsible for developing a purpose for a body of artwork for each quarter/semester/year. Students will also be responsible for a 20 piece digital art portfolio along with an artist's statement. Students in this course will be presented with enriching visual problem solving opportunities, cultural exploration in the field of esthetics, and will build on their academic skills by utilizing written critiques and creating a self-reflective artist's statement. Students will be responsible for keeping a sketchbook and should be prepared to spend time outside of class to work on ideas, projects, and written assignments.

## **BUSINESS**



### **Introduction to Business - 5400 or Dual Enrollment (Bus 100 Intro to Business - 5401)**

Prerequisite: None

Grades: 9-12

Program Type: Elective; Dual Enrollment; 21st Century

Length: Year; Credit: 1.0

In this course students will study topics such as: ethics, international business, forms of ownership, credit and collections, technology, communication, marketing, spreadsheets, and human resources. Students will be able to explore a variety of career areas as well as develop skills to allow them to continue course work offered in the business curriculum. Several business research projects will be conducted.



### **Shark Tank - 5410**

Prerequisite: Introduction to Business

Grades: 10-12

Program Type: Elective; 21st Century

Length: Semester; Credit: 0.5

Do you want to learn how to be a “shark” in business? This course is going to teach you the foundations of what it takes to become an entrepreneur in the 21<sup>st</sup> century global economy. Students will gain not only the business skills of an entrepreneur but also critical thinking, communication and collaborative skills necessary in today’s society. Students will complete a cumulative “Shark Tank” type project at the end of the semester to demonstrate the skills learned in the course.



### **Personal Finance - 5420 or Dual Enrollment (FIN 216 Personal Finance - 5421)**

Prerequisite: None

Grades: 9-12

Program Type: Elective; Dual Enrollment

Length: Semester; Credit: 0.5

In this course students will develop skills to achieve financial wellness through developing a spending plan and learning to use credit responsibly, exploring careers and income, and investing. Students will also participate in real-life simulations using technology to explore insurance choices, housing finance, banking products and making consumer decisions related to purchasing food and merchandise.



### **Business Management - 5430**

Prerequisite: None

Grades: 9-12

Program Type: Business Elective

Length: Year; Credit: 1.0

This course is designed to provide a basic understanding of the essential elements of management. The course will introduce the student to the fundamental management functions including planning, organizing, leading, and controlling from a historical and contemporary perspective. These management functions will encompass practical applications of management theory. The course is designed with a skills based approach and focuses on: communication (oral, written, nonverbal, and listening), problem solving, teamwork, decision making, conflict resolution, critical analysis and ethical reasoning. Students will be introduced to work related situations that will help foster the management skills necessary for a successful future.

### **Accounting - 5460**

Prerequisite: None

Grades: 9-12

Program Type: Business Elective

Length: Year; Credit: 1.0

This course is a study of principles and practices, along with vocabulary involved in keeping a set of books, including receipts and expenditures and necessary records such as the journals, ledgers, checkbook, etc. The process of setting up a set of books, recording transactions, opening and closing of accounts and making financial statements follows this study.

# Engineering



## Engineering Design - 5220

Program Type: Engineering Elective

Grades: 9 – 12

Length: Year; 1.0 credit

Prerequisite: None

Course Fee Required

The focus of Engineering Design is the application of the engineering design process. Topics include work-processes, optimization methods, design optimization, and risk management tools. Students will use 2D and 3D modeling software to help them design solutions to solve proposed problems, document their work, and communicate solutions. Additionally, students will interpret industry prints, and create working drawings from functional models. Emphasis is given to experimental problem solving in real systems.



## Robotics - 5250

Program Type: Elective

Grades: 9 – 12

Length: Year; 1.0 credit

Course Fee Required

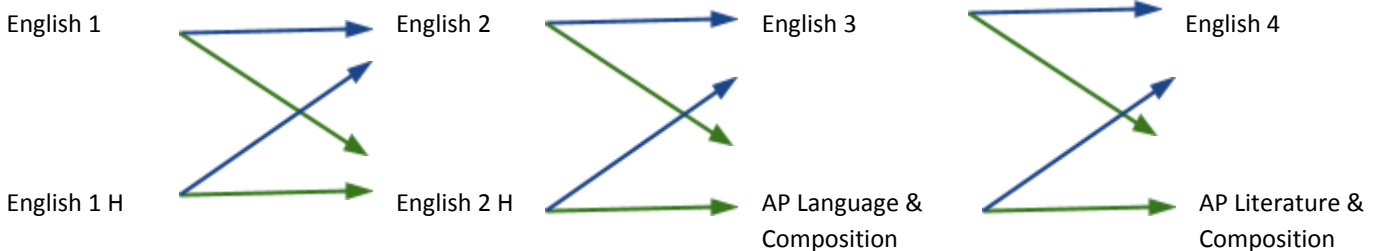
Prerequisite: None

Students will apply the knowledge and skills necessary to program and operate Robots. The student will learn robotic operations and system configurations. Utilizing the activity-project-problem-based (APB) teaching and learning approach, students will code, compile, and debug programs using the robotic programming language.

# ENGLISH

The four credits of English required for graduation must come from the following tracks. Elective English courses do not meet this graduation requirement.

College Preparatory English Track\*



### **English 1 - 0331**

Prerequisite: None

Program Type: Graduation Requirement

Length: Year; Credit: 1.0

Course Fee Required

The course will give the student the basic elements of capitalization, punctuation, spelling and other grammar essentials. Emphasis is placed on writing effectively. Also, this course will expose the student to a wide variety of subject matter and literary forms in the areas of both prose and poetry. It will introduce the student to literary terminology and expose him/her to a number of outstanding authors as well as establishing the oral tradition of literature.

### **English 1 Honors - 0351**

Prerequisite: Teacher Recommendation, Considerations may be made provided a meeting with the administrator, teacher, student, and parents

Program Type: Meets English 1 Graduation Requirement

Length: Year; Credit: 1.0

Course Fee Required

Summer reading assignments are required of all students entering this course. This course is designed to help the student already very competent in English grammar, usage and punctuation, improve their writing skills. The student will develop these skills in expository (persuasive), descriptive and narrative writing. Emphasis will be placed on correcting sentence errors and learning organizational patterns of paragraph development. The students will also be exposed to a variety of literary forms and style. The course will acquaint students with a basic vocabulary of literature and aid them in their understanding of literary genre and prepare students to read more difficult passages of literature through practice and literary interpretation.

### **English 2 - 0431**

Prerequisite: English 1 or sophomore class standing

Program Type: Graduation Requirement

Length: Year; Credit: 1.0

Course Fee Required

Course work will consist of review and further work with the basic elements of writing and grammar. Each student will receive the opportunity for extensive practice in short writing assignments along with additional reading and speaking practice. The study of various genres of literature will also be continued. Another segment of the course deals with the reading of a class novel. A vocabulary program is required of students.

### **English 2 Honors - 0451**

Prerequisite: English 1 or sophomore class standing

Program Type: Meets English 2 Graduation Requirement

Length: Year; Credit: 1.0

Course Fee Required

Summer reading assignments are required of all students entering this course. American Literature 10 is recommended for those students who have definite college plans. Course work will consist of review and further work with the basic elements of writing and grammar. Each student will receive the opportunity for extensive practice in short writing assignments along with additional reading and speaking practice. The course will also consist of a survey of major American writers, starting with early journals and diaries and continuing through to modern stories with a focus on the characteristics of American Literature. The class will also read a novel and do extensive vocabulary work.

### **English 3 - 0700**

Prerequisite: English 2 or Junior class standing  
Program Type: English 3 Graduation Requirement  
Length: Year; Credit: 1.0  
Course Fee Required

This is a survey of American literature from explorers through modern writers. Attention will be given to the various literary trends and historical events that affected the various literary selections. Students will be given the opportunity to write and speak on the authors and trends of the time periods.



### **AP Language and Composition - 0551**

Prerequisite: English 2 H or Recommendation of English 2 Instructors  
Program Type: English 3 Graduation Requirement  
Length: Year; Credit: 1.0  
Course Fee Required

Students in Advanced Placement Language and Composition are skilled readers of prose written in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes. Both their reading and their writing should make students aware of interactions among a writer's purposes, reader expectations, and an author's propositional content, as well as the genre conventions and the resources of language that contribute to effectiveness in writing.

### **English 4 - 0750**

Prerequisite: Senior class standing  
Program Type: English 4 Graduation Requirement  
Length: Year; Credit: 1.0  
Course Fee Required

This course is the study of English Literature from the Anglo-Saxon period to the Twentieth Century. The history, culture, and attitudes of each period will also be studied for a better understanding and appreciation of the literary works. Composition skills are stressed throughout the year. Students will write one major research paper, as well as, read two novels.



### **AP English Literature and Composition - 0660**

Prerequisite: Teacher Recommendation  
Program Type: Meets English 12 Graduation Requirement; Advanced Placement  
Length: Year; Credit: 1.0  
Course Fee Required

This course is designed for students who exhibit above average ability and exceptionally high interest in English and who have demonstrated exemplary achievement and ability to work independently. The course engages students in the careful reading and critical analysis of fiction and poetry. Through close reading, students deepen their understanding of the way writers use language to provide meaning for their readers. Students consider a work's structure, style, and themes as well as figurative language, imagery, symbolism, tone, etc. The course includes intensive study of representative works from various genres and time periods, including American and British literature. Writing assignments focus on the critical analysis of literature; instruction includes attention to developing and organizing ideas in clear, coherent, and persuasive language. Research paper is required. Summer work is required.

The course grade for Advanced Placement (AP) English is weighted. The weighted grade will be calculated by adding 0.025 to the cumulative Grade Point Average at the successful completion of each semester. Only A, B, and C grades will be weighted. Weighted grades will be used only for class rank. The Bethel GPA scale will remain a 4.0 scale.



**Speech - 0670**

Prerequisite: None

Grades: 9 - 12

Program Type: English Elective

Length: Semester; Credit: 0.5

This course is designed to explore the world of communication. Students will become familiar with the various forms of communication such as interpersonal, intrapersonal, verbal, and nonverbal. Communication models will be examined and students will have a grasp of the communication process before giving oral presentations (speeches). Some of the various types of speeches are persuasive, informative, sales, debate and oral interpretation. Direct participation in writing, producing, and delivering daily announcements is also a requirement.

**Drama- 0675**

Prerequisite: None

Grades: 9 - 12

Program Type: English Elective

Length: Semester; Credit: 0.5

This course will benefit the individual who will assume an active role in the self-growth process. Besides the history of theater, the student will also study role playing, acting and play production. Direct participation in writing, producing, and delivering daily announcements is also a requirement.

**Survey: Sports Literature - 0680**

Prerequisite: None

Grades: 9-12

Program Type: English Elective

Length: Semester; Credit: 0.5

Students in the class will examine and analyze a wide variety of literary styles such as narratives, opinion pieces, in-depth articles, poems, novels, biographies, and autobiographies. Through the exposure to different types of writing, students will broaden their knowledge of literary and stylistic devices as well as current events in sports. Vocabulary will correspond with the literature selections. Although not limited to, journalistic writing will be emphasized. Students will be required to complete a research project.

**Creative Writing - 0900**

Prerequisite: None

Grades: 9-12

Program Type: English Elective

Length: Semester; Credit: 0.5

This course is designed to provide students with the opportunity to practice the art of creative writing. Emphasis is placed on writing fiction, poetry and nonfiction. Upon completion, students should be able to craft and critique their own writing and critique the writing of others. Students will be required to keep a daily writer's journal. Students will select and organize their works for a final portfolio.

# Health and Physical Education

## **Health - 9600**

Prerequisite: Required for Freshman/Graduation requirement

Grades: 9-12

Program Type: Graduation Requirement

Length: Semester; Credit: 0.5

The Health course is aimed at introducing students to certain areas of modern health. Current health problems associated with these areas are discussed.:

1. First aid, emergency care and survival
2. Mental Health/Emotional Health
3. Alcohol, tobacco & drug use
4. Reproduction, Human Growth and Development, and S.T.D. Education
5. Communicable diseases
6. Nutrition

## **High School Physical Education - 9250**

Prerequisite: Required for Freshman/Graduation requirement

Grades: 9-12

Program Type: Graduation Requirement

Length: Semester; Credit: 0.25

Primary emphasis is on weight training and conditioning along with lifetime sports and team sports. Cooperation, sportsmanship, leadership, competition, fair play and understanding basic game rules are learned through these activities.

## **X-Games - 9260**

Prerequisite: Teacher Recommendation

Grades: 10-12

Program Type: Physical Education Elective, 21<sup>st</sup> Century class

Length: Semester; Credit: 0.25

This new class will take "active lifestyle" to a different level. This class will provide students learning opportunities to further develop skills and acquire a more hands on level of competitiveness that promotes a healthy and physical lifestyle. Students will acquire knowledge of activities that take place outside of the general physical education class. Students will also create their own physical fitness plan that they will implement individually and collect results. This class will have a few off campus classes throughout the semester to allow students to gain different experiences.

## **Physical Education Waiver - 9291 Fall/ 9292 Winter/ 9293 Spring**

Prerequisite: Must meet pre-scheduling deadlines (form completed/returned to guidance office)

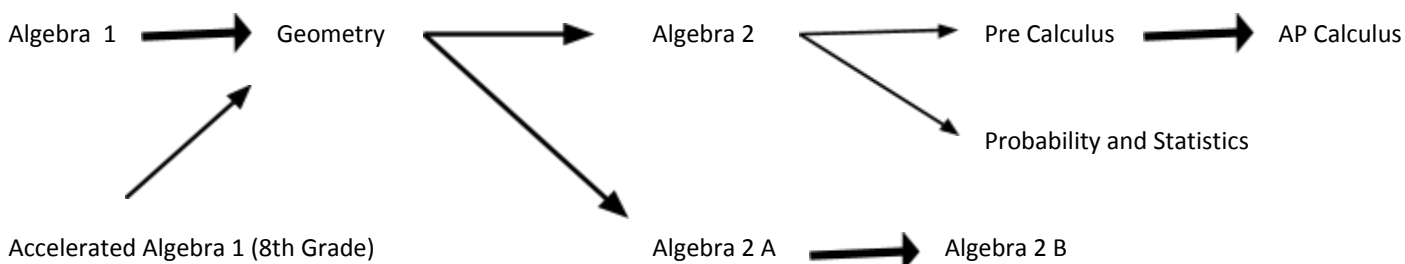
Credit: None

An educational option for students to meet the State of Ohio requirements for Physical Education without earning credit. Students who will participate in interscholastic athletics, marching band, or cheerleading for at least two (2) full seasons while enrolled in grades 9-11, and as documented by the athletic director, or principal, or athletic coach may be waived from the high school physical education requirement. Two full seasons will fulfill the requirement of two physical education courses. The statute provision requires at least two seasons. With no specifics as to same/different activity or same/different years. The student may participate in a mix of activities as long as two seasons are completed. Students completing only one season will need to complete two physical education courses. Students not completing the requirement by the beginning of the senior year will be enrolled in high school PE classes. An elective Physical Education course is not an option to satisfy the State requirement.

# MATHEMATICS

Four credits of Mathematics are required for graduation. One credit must be Algebra II.

## MATH SEQUENCES



### Algebra I - 2600

Prerequisite: Required for Freshman/Graduation requirement

Grades: 9-12

Program Type: Graduation Requirement

Length: Year; Credit: 1.0

Algebra is essentially a study of operations with real numbers. The numbers are represented by symbols and characterized by properties known in mathematics as properties of a field. These properties are observed by the students and used to develop or build the mathematical system in which topics commonly called Algebra I are studied. Thus, the students are expected to learn the 'why' as well as the 'how' of algebraic operations. Topics ordinarily covered include such things as signed numbers and applications of algebraic processes in the solution of problems. TI-84+ and graphing calculator is recommended as this will be frequently used throughout a student's high school career be a requirement for this class.

### Geometry - 2850

Prerequisite: Algebra 1

Grades: 10-12

Program Type: Graduation Requirement

Length: Year; Credit: 1.0

Plane geometry is the study of lines, angles, and curves. A basic understanding of algebra is required. The study of geometry builds spatial visualization, develops logical thinking, develops precision of language and strengthens algebraic skills. TI-843+ and graphing calculator will be a requirement for this class.

### Algebra 2A - 2860

Prerequisite: Algebra I, Geometry

Grades: 11-12

Program Type: Math Elective

Length: Year; Credit: 1.0

This math course follows Algebra I and Geometry. The course is designed for students who are not ready for a full year sequence of Algebra II. Algebra 2A is designed to provide the opportunity for students to review and strengthen Algebra I and Geometry skills while progressing through the first half of Algebra 2. Topics will include: Function notation and processes; linear equations/programming and graphing linear functions; including inequalities and absolute values; right triangle trigonometry; exponential modeling; quadratic functions, including quadratic formula, transformation of functions, factoring, and modeling; simplifying radicals; and law of exponents.. Students completing this course **must** take Algebra 2B their senior year to complete the Ohio Core requirement for mathematics. This course is not currently approved as an NCAA core course.

### **Algebra 2B - 2865**

Prerequisite: Algebra 2A

Grade: 12

Program Type: Math Elective

Length: Year; Credit: 1.0

The Trans. Alg. II class is designed as a follow up course to Transitional Algebra I. The class will cover the following topics: exponential and log functions, polynomials, rationales, power functions, conics, sequences and series, and trigonometry. This is a class designed to go at a slower pace than the typical Alg. II course. This is only open to students who have taken Transitional Algebra I.

### **Algebra 2 - 2770**

Prerequisite: Algebra I and Geometry

Grades: 10-12

Program Type: Graduation Requirement

Length: Year; Credit: 1.0

Concepts from Algebra I are reviewed and examined in more detail. Emphasis is placed on the study of functions, including linear functions, second-degree function systems of equations, logarithmic functions and trigonometric functions. TI-83+ and graphing calculator will be a requirement for this class.

### **Pre-Calculus - 2880 or Dual Enrollment (MAT 220 Precalculus -2881)**

Prerequisite: Algebra I, Geometry & Algebra II

Grades: 11-12

Program Type: Math Elective; Dual Enrollment Qualifications

Length: Year; Credit: 1.0

This course is designed to enable students to display, describe, transform, and interpret numerical information represented as data, graphs, or equations. It integrates statistical and algebraic concepts and also previews calculus in high school work with functions and trigonometry and in its development of intuitive notions of limit. TI-84+ graphing calculator will be a requirement for this class.

### **Probability & Statistics - 2870 or Dual Enrollment (MAT 226 Elementary Mathematical Statistics - 2871)**

Prerequisite: Algebra I, Geometry, Algebra II

Grades: 11-12

Program Type: Math Elective: Dual Enrollment Qualifications

Length: Year; Credit: 1.0

This course is for the student looking towards an additional credit in math and is not planning to take Pre-Calculus or a math related field in college. This class will consist of studying in-depth the measures of central tendencies and spread, producing graphs of these tendencies, fundamental properties of probability, permutation/combinations, and projects that will involve using the graphing calculator and computer. Real world applications will be a component of this class. Graphing calculator will be a requirement for this class.



## AP Calculus - 2895 or Dual Enrollment



## (MAT 241 Calculus and Analytic Geometry I - 2896)

Prerequisite: Pre-Calculus

Grade: 12

Program Type: Math Elective; Dual Enrollment Qualifications

Length: Year; Credit: 1.0

This course will review work with functions while integrating in work with limits, derivatives, and integrals. Students will form mathematical models to find solutions to real world problems. Graphing calculator will be a requirement for this class.

The course grade for Advanced Placement (AP) Calculus is weighted. The weighted grade will be calculated by adding 0.025 to the cumulative Grade Point Average at the successful completion of each semester. Only A, B, and C grades will be weighted. Weighted grades will be used only for class rank. The Bethel GPA scale will remain a 4.0 scale.

Dual Enrollment college credit via Urbana University is an option for students with a minimum 3.0 cumulative GPA. Students register for advanced coursework while attending their Bethel High School class. Students complete the high school requirement along with additional curriculum for college credit.

# MUSIC

## High School Choir - 8700

Prerequisite: None

Program Type: Fine Arts Elective

Grades: 9-12

Length: Year; Credit: 1.0

Course Fee Required

Anyone interested in singing is eligible, but acceptance requires an audition. Previous training is not required. The curriculum includes **mandatory** participation in concerts and contests. Participation in the musical is also required.

## High School Band - 8880

Prerequisite: Audition

Program Type: Fine Arts Elective

Grades: 9-12

Length: Year; Credit: 1.0

Course Fee Required

This course is the culmination of skills learned in beginning and junior bands. Marching band in the fall performs at football games, various parades and contests. **Attendance at all performances is required for all members. Summer band camp is required for all members.** Concert band begins after football ends. The group is involved in contests, musical, school performances and graduation. Admittance is by audition.

## Jazz Ensemble - 8910

Prerequisite: None

Program Type: Fine Arts Elective

Grades: 9 -12

Length: Year; Credit: 0.5

Students in this course will study and perform swing, rock, latin, etc. forms for this type of ensemble along with improvisation techniques for each. Eligible students can play trumpet, sax, trombone, drums, piano and electric bass. Performances will coincide

with concert band performances throughout the year, with additional appearances outside the school. Participation at performances is mandatory. Admittance is by audition.

### **Music in Our Lives - 8900**

Prerequisite: None

Program Type: Fine Arts Elective

Grades: 9-12

Length: Year; Credit: 1.0

This course is designed to present the Ohio State Standards for Music to those students who do not participate in a major performing ensemble. Students will develop skills in critical listening and discuss elements of music theory as it pertains to the progression of music history. A rich history of western music is a primary focus along with discussion and analysis of classical and current music. A history of film scoring and video game music will also be explored. No prior experience in music is necessary for enrollment in this course.

### **Music Theory - 8890**

Prerequisite: None

Program Type: Fine Arts Elective

Grades: 9-12

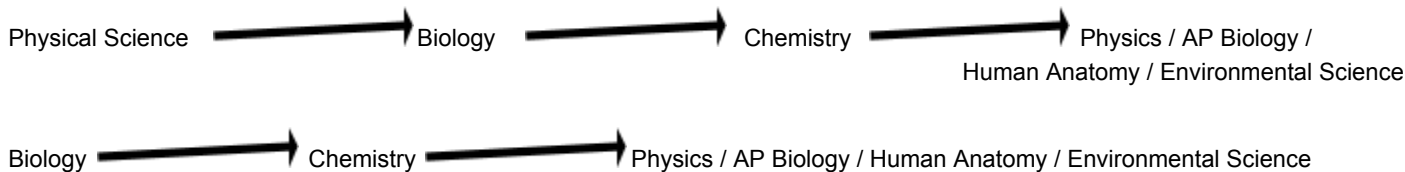
Length: Year; Credit: 1.0

The Music Theory course is designed to enhance music skills and basic music fundamentals. The essential aspects of melody, harmony, rhythm, and form are studied. Throughout the course of the year students will study basic notation, scales, key signatures, intervals, triads, cadences, non-chord tones, form, part-writing and score analysis. Aural dictation and ear training are also an integral part of the course and will be taught throughout the year. Individual creativity is nurtured through both rhythmic and melodic composition. This course is highly recommended for students in a musical ensemble.

It is suggested that a student have some musical knowledge and/or participate in an ensemble. Students may choose to test the AP Music Theory test to earn college credit for the course.

## **Science**

(Recommended Sequence)



### **Introductory Physical Science - 3500**

Prerequisite: None

Program Type: Lab Science Graduation Requirement

Grades: 9

Length: Year; Credit: 1.0

Course Fee Required

IPS is a student-centered physical science class, which concentrates on laws of physical world. Students perform some experiments and study scientific procedures as well as observation techniques and problem solving.

### **Biology - 3620**

Prerequisite: None

Program Type: Lab Science (Biological Science) Graduation Requirement

Grades: 9 - 10

Length: Year; Credit: 1.0  
Course Fee Required

Biology class explores the characteristics of life. Biology seeks to understand the cellular basis of life through an understanding of the biochemical processes which occur on the cellular level. It is the study of the interactions within living systems and their environment. Also studied are the classifications which we use to categorize living organisms into different or similar organisms. This includes both an evolutionary and genetic perspective.

### **Chemistry - 3810**

Prerequisite: Algebra I and Biology *are strongly recommended*  
Program Type: Science Elective; Lab Science (Physical Science)  
Grades: 10-12  
Length: Year; Credit: 1.0  
Course Fee Required

Chemistry is the study of the composition and structure of matter. It involves the study of the properties of the elements, the compounds they form, the structure of the atom and the inter-reaction of substances. Emphasis is placed on the mathematical treatment of chemistry and thus a good understanding of mathematics is required.



### **AP Biology - 3830**

Prerequisite: recommended B average in Biology and Chemistry, teacher recommendation  
Program Type: Science Elective; Lab Science (Biological Science)  
Grades: 11-12  
Length: Year; Credit: 1.0  
Course Fee Required

This class is designed for students who have a strong background in science related courses including Biology and Chemistry. The aim of AP Biology is to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The main goals of AP Biology are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process **Independent study is necessary** (summer work) Above average reading and comprehension skills are required. This course is extremely rigorous. Success in this course will require extra effort and dedication. Daily home-work can be expected.  
*Scientific or graphing calculator required.*

The course grade for Advanced Placement (AP) Biology is weighted. The weighted grade will be calculated by adding 0.025 to the cumulative Grade Point Average at the successful completion of each semester. Only A, B, and C grades will be weighted. Weighted grades will be used only for class rank. The Bethel GPA scale will remain a 4.0 scale.

### **Physics - 3950**

Prerequisite: Algebra II or enrolled in in Algebra II  
Program Type: Science Elective; Lab Science (Physical Science)  
Grades: 11 - 12  
Length: Year; Credit: 1.0  
Course Fee Required

Physics deals with the physical world about us to explain why and how. The student will study a physical phenomenon and develop skills necessary to develop mathematical models. Subjects of motion, light, electricity, and magnetism are studied in a laboratory approach. The student needs a good background in math. This course is a laboratory science.

## **Human Anatomy and Physiology - 3550 or Dual Enrollment**



**(BIO 251 General Anatomy and Physiology I - 3551)**

Prerequisite: A or B in Biology recommended, Chemistry recommended

Program Type: Science Elective; Dual Enrollment Qualifications; Lab Science (Biological Science)

Grades: 11 - 12

Length: Year; Credit: 1.0

Course Fee Required

This course is designed for the student who wants to study an advanced area of science. The course will include an in-depth study of the structure and workings of the human body. The course should help prepare students for higher education in an area of biological interest or to enter health related professions. Students will gain CPR certification. The course includes a cat dissection.

## **Environmental Science - 3575**

Prerequisite: Biology

Program Type: Science Elective; Lab Science (Biological Science)

Grades: 10 -12

Length: Year; Credit: 1.0

Course Fee Required: \$20.00

The focus of this course is SUSTAINABILITY. This course will study several aspects of the natural world including biodiversity/population impact & alternative energy. The class provides the community service project of recycling for the district and helping with the paper drives. The class also has many social aspects. In this class science meets social studies. The class will focus on projects as well as than tests. Students will need to be self directed in order to complete projects in a timely manner.

# **Social Studies**

## **World Studies - 4450**

Prerequisite: None

Program Type: Graduation Requirement

Grade: 9

Length: Year; Credit: 1.0

This course covers the major social studies strands of geography, both physical and cultural; economics; government; and the history of the world from 1750 - 1945. It will include major revolutions, armed conflicts during this period, colonial expansion and the effects of immigration and industrialization on the world. In addition students will study of the major social studies strands as they consider geography, both physical and cultural; economics; government. They will develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods.

## **US History (1877 - Present) - 4860**

Prerequisite: None

Program Type: Graduation Requirement

Grade: 10

Length: Year; Credit: 1.0

This is a course in the history of the United States and its foreign policy from 1900 to Present. Major focus will be upon World War I and II, the Cold War, Civil Rights movement, Vietnam, Persian Gulf conflict, the contributions of 20th century Americans and the role of minorities in our present world.





### **AP United States History - 4875**

Prerequisite: Recommendation of World Studies teacher  
 Program Type: Graduation Requirement; Dual Enrollment Qualifications  
 Grade: 10  
 Length: Year; Credit: 1.0  
 Course Fee Required

This class is intended for students who wish to obtain college credit while in high school. It will encompass the entire span of US History, 1492-present. Students will develop analytical skills to deal critically with the problems and materials in United States history with strong emphasis on primary document analysis. They will then be offered the opportunity to take Advanced Placement Government their junior year. Upon completion they may take the Advanced Placement test for which, if successful, they will receive college credit. The Fee Required for the AP Test is set by the College Board and must be paid in full prior to testing.

The course grade for Advanced Placement (AP) US History is weighted. The weighted grade will be calculated by adding 0.025 to the cumulative Grade Point Average at the successful completion of each semester. Only A, B, and C grades will be weighted. Weighted grades will be used only for class rank. The Bethel GPA scale will remain a 4.0 scale.

### **American Government - 4910**

Prerequisite: None  
 Program Type: Graduation Requirement  
 Grades: 11-12  
 Length: Year; Credit: 1.0

This is a course on the fundamental aspects of American government. We cover the American Republic, creation of the Constitution, the workings of Congress, aspects of the Presidency and the Supreme Court. Coursework includes writing a research paper in preparation for college, role-playing the Constitutional Convention, writing a bill and role- playing Congress, and organizing and conducting a presidential election campaign. Community service is a requirement of this course. This course will meet the obligation of SB 311 for economics and financial literacy.



### **AP Government - 4920 or Dual Enrollment (POS 204 American Government 4921)**

Prerequisite: Recommendation from American History or AP American History teacher  
 Program Type: Graduation Requirement; Dual Enrollment Qualifications  
 Grades 11-12  
 Length: Year; Credit: 1.0  
 Course Fee Required

Advanced Placement Government is intended for students who wish the opportunity to obtain college credit in high school. Students are required to take the AP Exam at the conclusion of the course. College credit is awarded contingent on the outcome of a final exam at the end of the course.

Requiring students to use analytical skills to evaluate government and politics in the United States, this course will identify and assess theoretical perspectives on government institutions, behaviors, and outcomes including: a) US Constitution; b) Political Beliefs and Behaviors; c) Political Parties, Interest Groups, and Mass Media; d) Institutions of National Government; e) Public Policy; and f) Civil Rights and Civil Liberties. Students will be required to interpret and analyze basic data relevant to government and politics in sustained written arguments. Community service is a requirement of this course.

The course grade for Advanced Placement (AP) Government is weighted. The weighted grade will be calculated by adding 0.025 to the cumulative Grade Point Average at the successful completion of each semester. Only A, B, and C grades will be weighted.

Weighted grades will be used only for class rank. The Bethel GPA scale will remain a 4.0 scale. This course will meet the obligation of SB 311 for economics and financial literacy.

### **Introduction to Psychology - 4421**

Prerequisite: None

Program Type: Social Studies Elective

Grades: 9-12

Length: Semester; Credit: 0.5

Introduction to Psychology examines how we think and act as humans. Students will be exposed to the psychological facts, principles, and phenomena associated with some of the major subfields within psychology such as memory, sleep & dreams, psychological disorders, conditioning, personality, and more!



**AP Psychology - 4422 or Dual Enrollment**



**(PSY 200 General Psychology - 4423)**

Prerequisite: Teacher Recommendation

Credit: 1.0

Program Type: Social Studies Elective; Dual Enrollment Qualifications

Grades: 10- 12

AP Psychology is designed to introduce you to the scientific study of the behavior and mental processes of human beings. To accomplish this, the course provides instruction in each of the following 14 content areas: History and Approaches, Research Methods, Biological Bases of Behavior, Sensation and Perception, States of Consciousness, Learning, Cognition, Motivation and Emotion, Developmental Psychology, Personality, Testing and Individual Differences, Abnormal Psychology, Treatment of Psychological Disorders, and Social Psychology. You'll learn to think with a psychological lens. Whether you choose to pursue a career in psychology or in some entirely different field, this habit of mind will be of great value to you!

The course grade for Advanced Placement (AP) Psychology is weighted. The weighted grade will be calculated by adding 0.025 to the cumulative Grade Point Average at the successful completion of each semester. Only A, B, and C grades will be weighted. Weighted grades will be used only for class rank. The Bethel GPA scale will remain a 4.0 scale.

### **Sociology - 5000**

Prerequisite: None

Program Type: Social Studies Elective

Grades 10 - 12

Length: Semester; Credit: 0.5

Sociology addresses the critical issues of today through the study of groups, organizations, and societies, and how people interact within these environments. Topics may range from the family to the hostile mob; from the divisions of race, gender and social class to the shared beliefs of a common culture; and from the sociology of work to the sociology of sports. Possible classroom topics may include street crime and delinquency, how different cultures express emotions, how families differ and flourish, welfare or education reform, or problems of peace and war. From the course students have an opportunity to better understand social inequality, patterns of behavior, forces for social change and resistance, and how social systems function.

### **Street Law - 5010**

Prerequisite: None

Program Type: Social Studies Elective

Grade: 9 -12

Students will blend practical, law-related content, interactive teaching strategies, and positive connections to the community through service projects or legal resources who participate in classroom instruction and discussion. The content of the course includes an introduction to law and the legal system, criminal and juvenile justice, consumer law, torts, family law and individual rights and responsibilities.

### **Current Issues - 4950**

Prerequisite: None

Program Type: Social Studies Elective

Grades: 9 - 12

Length: Semester; Credit: 0.5

This is a semester course that will focus on national and international issues. The students can decide course topics/scope of the course. Various topics can include regional/ethnic conflicts, health and environmental issues and concerns, basic human rights, and the threat of nuclear/chemical weaponry and their proliferation. Assignments will include researching, preparing position papers, overviews of Internet articles worldwide and magazine articles.



### **Debate - 4980**

Prerequisite: None

Program Type: Social Studies Elective

Grades: 9 - 12

Length: Semester; Credit: 0.5

Do you like to argue or make sure your point is heard? After completing this course, students will have a set of argumentation and advocacy skills that they can use in a variety of experiences. Students will initially learn about and practice structured unrehearsed speeches with emphasis on verbal and nonverbal delivery skills (organization, projection, inflection, eye-contact, hand gestures, and more). Students will then build a foundation for effective argumentation and advocacy (claim/warrant/evidence) by participating in practice debates and ultimately presenting one research-based persuasive speech on the official debate resolution. This class is ultimately for students who want to explore debate and may choose to participate in the debate team (usually in a beginners division).

# Technology



## **code|skool - 7000**

Prerequisite: None

Program Type: Elective; 21st Century course:

Grades: 9-12

Length: Year; Credit: 0.5 credit **(If you would like to take more advanced coding courses speak with Mr. Oldiges)**

Coding and computer programming skills are in increasing demand as content is delivered through the Web at over one billion gigabytes per month. Learn how to code just like learning a new language. Students will learn the basics of building simple interactive applications for computer programming. Students will learn the basic units of logic: sequence, selection, and loop. Students will apply algorithmic solutions to problem-domain scenarios. Students will gain experience in using commercial and open source languages, programs, and applications. This course will prepare students to understand and apply design and code-based technological concepts and processes that are the cornerstone of the new technology program.



## **RE:designIT - 7010**

Prerequisite: None

Program Type: Elective; 21st Century course

Grades 9-12

Length: Year; Credit: 0.5 credit **(If you would like to take more advanced courses in graphic design speak with Mr. Oldiges)**

Teens spend an average of 9 hours per day viewing media, and much of that use is being tracked for marketing purposes. Take control of your digital world by creating part of it and learning how to make sense of it all. This course will prepare students to understand and apply graphic design and image manipulation techniques and processes. Group and individual activities will engage students in photography, illustration, page layout, animation, audio/video editing, image manipulation, file management, and digital publishing across multiple media formats. Students will develop meaningful, relevant, and useful products while integrating content from other school subjects. This will be a project-based course. Students will also learn about marketing, meaning, ethics, and copyright law.



## **Snap Tube - 7008**

Prerequisite: None

Program Type: Elective; 21st Century course: Dual Enrollment

Grades: 9-12

Length: Year; Credit: 0.5 **(If you would like to take more advanced courses in video production speak with Mr. Oldiges)**

Do you like movies, stories, and using your imagination? Then Let's Make a Video! Videos are one of the most exciting ways to share information in the 21st Century. Learn how to produce and share videos through a variety of genres including animation, documentary, experimental, narrative, interview, and newscast. You are bound only by your own imagination. This will be a project-based course. Students will also be responsible for the video broadcast of school announcements and the production of a weekly show.



## **Gaming - 7020**

Prerequisite: None

Program Type: Elective; 21st Century course:

Grades: 9-12

Length: Year; Credit: 0.5 **If you would like to take more advanced courses in gaming speak with Mr. Oldiges)**

This course will prepare students to design and program games using commercial and open source programs and applications. Students will learn industry standard programming language constructs to write programs that integrate classes, class methods, and class instances. Students will learn input method handling, animation, collision detection, game physics and basic artificial intelligence.



## **Web 2.0 - 7030**

Prerequisite: None

Program Type: Elective; 21st Century course:

Grades: 9-12

Length: Year; Credit: 0.5 **If you would like to take more advanced courses in web design speak with Mr. Oldiges)**

Students will learn the dynamics of the Web environment while pursuing an in-depth study of both Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). Web based protocols such as FTP, TCP/IP, and HTTP will be addressed. Students will create a website with tag text elements, special characters, lines, graphics, hypertext links, and graphical tables.

# **World Language**

World Language meets the State of Ohio high school fine arts graduation requirement of one credit.

## **Spanish I - 1820**

Prerequisite: None

Program Type: Fine Arts Elective

Length: Year; Credit: 1.0

Grades: 9-12

Course Fee Required

This course will focus on building 21st Century skills for the individual language learner. Students will be assessed on their proficiency and performance using Spanish as is stated in the ACTFL Performance and Proficiency Guidelines. Students will be required to keep a digital portfolio of samples of their individual growth. Culture is combined while teaching the basic skills of listening, writing, and reading. Daily study and participation are essential for progress in this course.

## **Spanish II - 1850**

Prerequisite: Spanish I

Program Type: Fine Arts Elective

Length: Year; Credit: 1.0

Grades: 9-12

Course Fee Required

This course will continue to build upon skills for the 21st century individual language learner. The focus is on communication through interpretation, presentations and conversations in the in Spanish. The ACTFL Performance and Proficiency Guidelines will be used to assess performance and proficiency. Students will continue adding documents to the digital portfolio in Spanish 1. Cultural aspects

are combined while teaching essential skills of listening, writing, reading and speaking. At the end of this course, students should be able to speak through limited, memorized material. Daily review and attendance are factors for continued success.

### **Spanish III - 1870**

Prerequisite: Spanish I and Spanish II

Program Type: Fine Arts Elective

Length: Year; Credit: 1.0

Grades: 9-12

Course Fee Required

This course will encompass the ACTFL Performance and Proficiency Guidelines for Language Learners. Vocabulary and grammar concepts from previous years will be intensely reviewed. Students will continue adding digital documents to demonstrate growth in performance and proficiency. By the end of this course, students should be able to create some language on their own, ask and answer simple questions on familiar topics and handle everyday situations. The final quarter will focus more on classic literature and folklore or Spanish-speaking countries. Speaking, reading, interpreting and writing will be the focus.

### **Spanish IV - 1880 (This course may or may not be offered based on staffing)**

Prerequisite: Spanish III

Program Type: Fine Arts Elective

Length: Year; Credit: 1.0

Grades: 9-12

Course Fee Required

## MISCELLANEOUS

### **Publications I - 9905**

Prerequisite: None

Program Type: Elective

Length: Year; Credit: 1.0

Grades: 10 - 12

In this course students go through the complete process of planning, financing, designing, and writing both the copy and photographic materials for the school yearbook. Students are given specific responsibilities in regard to the project and are expected to work with other class members in order to turn out a product for publication.

### **Publications II - 9910**

Prerequisite: Publications I

Program Type: Elective

Length: Year; Credit: 1.0

Grades: 11-12

This course expands on the basic processes learned in Publications I. Students in this course are expected to assume leadership positions on the yearbook staff and to carry the major responsibility in terms of final production phases of the yearbook.



