

**BURLINGTON
HIGH SCHOOL**



**2022 -2023
Course Planning Guide**

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Timeline for Scheduling Process for 2022-2023

December	Distribute <i>Course Planning Guide</i>
January	Students make course requests on Xello (refer to page 8)
March	Master schedule is created
April - June	Student schedules are generated based on their course requests
August	Schedules are available online upon registration. Final modifications per Policy (refer to page 14).

Dear BHS Student,

Your experience at BHS is geared toward preparation for learning beyond high school. Today's teens will need to continue learning as they prepare for their future careers no matter which path they take. All students need to challenge themselves and use all eight semesters as preparation. Lifelong learning is important, and rigorous study in high school is necessary for success in future endeavors.

Planning for your high school education is an exciting time, as you continue implementing your Academic & Career Plan (ACP). There are many choices and options, and your selections will shape your experience. Careful thought and planning are needed to shape your decisions. Many courses follow a sequence and have prerequisites. For your assistance, see below the general four-year guideline of when specific courses required for graduation are typically taken. *Please*

Note: Some courses are offered at an Honors level by teacher recommendation

Subject Area	9	10	11	12
English (4 Credits)	English 9 (1)	Public Speaking (.5) English 10 (.5)	Literature & Composition (1) → OR Honors British Lit (1) →	Two English Electives (1) OR AP English (1)
Math (3 Credits)	Algebra 1 (1)	Geometry (1)	Algebra 2 (1) OR Applied Math (1)	Pre – Calc (1) OR AP Stats (1) OR AP Calc (1)
Science (3 Credits)	Biology (1)	Must be Physical Science, Chemistry, Physics, OR Earth Science (1)	Other Science Electives approved for Graduation (1) <ul style="list-style-type: none"> • STEM P.O.E • Zoology • Biotechnology • Animal Science and Aquaculture • Chemistry • Earth Science • Physical Science • Physics • Veterinary Science • Intro to Forensic Science • Anatomy and Physiology • AP Physics 1 • AP Physics 2 • AP Chemistry • AP Biology 	Other Science Electives approved for Graduation (1) <ul style="list-style-type: none"> • STEM P.O.E • Zoology • Biotechnology • Animal Science and Aquaculture • Chemistry • Earth Science • Physical Science • Physics • Veterinary Science • Intro to Forensic Science • Anatomy and Physiology • AP Physics 1 • AP Physics 2 • AP Chemistry • AP Biology
Social Studies (3 Credits)	Social Studies Foundations (1) OR AP Human Geography (1)	Modern American History (1) OR AP US History (1)	Modern World History (1) OR AP World History (1) OR AP European History (1)	

Subject Area	9	10	11	12
<u>Financial Literacy</u> (.5 Credit)			Consumer Economics (.5) OR Economics (.5) OR Personal Finance (.5) OR AP Economics (1.0)	
<u>Wellness</u> (1.5 Credits)	PE 9 (.5)	Life Fitness Training (.5) OR Speed, Strength & Conditioning (.5) OR Individual Activities (.5) OR Team Activities (.5)	Life Fitness Training (.5) OR Speed, Strength & Conditioning (.5) OR Individual Activities (.5) OR Team Activities (.5) OR Exercising the Brain (.5) OR Trends in Fitness (.5) OR Speed, Strength, and Conditioning II (.5)	
<u>Health</u> (.5 Credit)		Health (.5)		
<u>Business</u> (.5 Credit) Note: If a student does not successfully complete Freshman Connections, they will be required to take Computer Skills. Transfer students may take Computers for Professionals or IT Essentials.	Freshman Connections (.5)			
<u>Electives</u> (6.0 Credits) Selections to include these types of subjects: agriculture, art and design, business education, family and consumer science, world languages, music, wellness education, technical education, STEM, English, social studies, math, or science.				
<u>Other Requirements</u> Academic & Career Plan (ACP) all 4 years (1) total	-10 hours Service Learning -Pre – ACT -ACP -Civics Test	-10 hours Service Learning -Pre – ACT -Social Studies Froward Exam -ACP	-10 hours Service Learning -ACT with Writing -ACP	-10 hours Service Learning -ACP

Most Post – Secondary Colleges and Universities Expectations

<u>Subject/Credits</u>	<ul style="list-style-type: none"> • Verify admission requirements with school of your choice • Successful completion of the following subject and credit requirements:
<u>English</u>	<p>4 credits, including</p> <ul style="list-style-type: none"> • Literature, Composition, and Advanced Speech courses <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>Note: Be aware that some English courses may be viewed as electives by the college/university versus English entrance requirements. Check with your school counselor.</p> </div>
<u>Social Studies</u>	4 credits
<u>Math</u>	<p>4 credits, including</p> <ul style="list-style-type: none"> • Algebra • Geometry • Advanced Math • Algebra 2
<u>Natural Science</u>	<p>4 credits, including</p> <ul style="list-style-type: none"> • Biology and • Chemistry • Physics • Earth Science • Physical Science and/or • Advanced Science <p>* Emphasis is on lab sciences; however, two specific Ag-science courses may count for science credits. See the Science Course Description Section for details.</p>
<u>World Languages</u>	<p>2 or more credits</p> <ul style="list-style-type: none"> • 2 consecutive years of a single world language <p>Some colleges <i>require</i> world languages for admittance while other colleges <i>recommend</i> world languages</p>
<u>Electives</u>	<p>5.5 + credits</p> <p>Additional credits are needed if the college does not require world languages</p>
<u>Other Requirements</u>	<p>Admission offices may consider the following when reviewing applications:</p> <ul style="list-style-type: none"> • College preparatory course load • Grade point average • ACT/SAT scores • Personal statement/application essay • Letters of recommendation and/or a resume • Extra-curricular involvement • Community service • Student experience • Leadership qualities • Motivation • Special talents <p>Other factors may also be considered</p>



ACADEMIC & CAREER PLANNING (ACP) PROGRAM



Burlington High School’s instructional focus is preparing students to be College and Career Ready graduates. According to Wisconsin Department of Instruction, “Academic and Career Planning, or ACP, is a student-driven, adult-supported process in which students create and cultivate their own unique and information-based visions for post-secondary success, obtained through self-exploration, career exploration, and the development of career management and planning skills.” Please visit this website: <https://dpi.wi.gov/acp> for more information.

IMPLEMENTATION AT BHS: Changing?

Throughout grades 9-12, students attend a daily 21-minute Advisory period with the same teacher and peers. On Tuesdays this advisory period is used to implement the ACP Curriculum; Tuesdays are Character and College and Career Days. The curriculum is divided into four, seven-week units and each unit has a corresponding character trait and a portfolio piece requirement. Students earn up to 1.0 credit for their portfolio and participation (.25 per year). **For the class of 2021 and beyond, the ACP 1.0 credit is a graduation requirement.**

In addition, BHS School Counselors meet individually with every student annually to formulate and discuss their post-secondary goals. Parents/Guardians are formally invited and highly encouraged to attend the Freshman and Junior Individual Planning Conferences.

ACP Portfolio Requirements

All students must complete the following: & Complete ONE of the paths below*:

RESUME	POST-SECONDARY EDUCATION <ul style="list-style-type: none"> • ACT-SAT-AP Scores • Vanguard Courses • College & Scholarship Essays • Transcribed Courses • College Visit • Summaries • Skills Industry Certification • Career Readiness Certification • Start College Now/ Early College Credit Program 	WORLD OF WORK <ul style="list-style-type: none"> • ACT-SAT Scores • School-to-Work • Youth Apprenticeship • Career Readiness Certification • Skills Industry Certification • Job Shadow 	MILITARY <ul style="list-style-type: none"> • ACT-SAT scores • ASVAB • Explore Desired Branch • Recruiter Interview, Physical, Contract • Skills Industry Certification • Career Readiness Certification
COVER LETTER			
REFLECTIONS			
CLASS ARTIFACTS			
SERVICE-LEARNING HOURS			
XELLO CAREER ASSESSMENTS			
LETTERS OF RECOMMENDATION			
MOCK INTERVIEW EVALUATIONS			

***Minimum of two tasks for each pathway**



*At Burlington High School, our counseling team and advisory teachers utilize the Xello framework with students to assist in their course of study, as well as other *Academic and Career Planning (ACP) activities.**

Xello is an engaging online program that helps students build the skills, knowledge and plans to be future ready. The program uses an investigative, discovery-based learning process. Students better understand themselves, their future career options, and the 21st century skills they'll need to succeed.

Xello offers the following for students:

- Identify and define their interests, skills, preferences, and aspirations to discover what opportunities are best.
- Explore career possibilities and educational pathways.
- Create dynamic actionable plans to achieve school (secondary and post-secondary), career, and life goals.
- Learn skills and knowledge for success in school and beyond.

How to access the Xello website (for students*)

Google Single Sign-On (SSO) with Xello

Follow these steps to set-up Google Single Sign-On to connect to Xello. This enables students to access their Xello account/portfolio directly from their school Google email account.

1. Go to the following link: <https://auth.xello.world/Google/Student/892C5D32-CB5C-4F81-813D-A06A9CB727CD>
2. Once logged into your **school-affiliated Google account**, you will automatically be re-routed to Xello.

*Access is only available for student accounts. We encourage students to find time to review and share with their parents the career pathways, plans, and goals discovered while utilizing Xello.



NAIA REQUIREMENTS FOR THE COLLEGE-BOUND STUDENT ATHLETE

Every high school senior interested in playing sports at NAIA colleges for the first time needs to register online with the NAIA Eligibility Center at www.PlayNAIA.org and complete the

following requirements:

- Be a graduate or accepted as a regular student in good standing as defined by the enrolling institution
- Meet **two of the three** following requirements*:

1. TEST SCORE REQUIREMENT	2. HIGH SCHOOL GPA REQUIREMENT	3. CLASS RANK REQUIREMENT
18 composite score on the ACT or 940 on the SAT (Evidence-Based Reading and Writing + Math) *Test scores should be sent to code 9876	Achieve a minimum overall high school GPA average of 2.0 on a 4.0 scale	Graduate in the top half of your high school class

*If as an

entering college freshman you do not meet at least two of the three standards, you cannot participate in athletics for the first full year of attendance (2 semesters, 3 quarters, or equivalent).

NCAA REQUIREMENTS FOR THE COLLEGE – BOUND STUDENT ATHLETE

Any student that wants to play sports at an NCAA Division I or II school must graduate, register with NCAA Eligibility Center at www.eligibilitycenter.org, and fulfill the following requirements

NCAA Timeline

GRADE 9

Plan

- Start planning now! Take the right courses and earn the best grades you can.
- Ask your counselor for a list of your high school's NCAA core courses to make sure you take the right classes. Or, find your high school's list of NCAA core courses at eligibilitycenter.org.

GRADE 10

Register

- Register with the NCAA Eligibility Center at eligibilitycenter.org.
- If you fall behind on courses, don't take shortcuts to catch up. Ask your counselor for help with finding approved courses or programs you can take.

GRADE 11

Study

- Check with your counselor to make sure you are on track to graduate on time.
- Take the ACT or SAT and make sure we get your scores by using code 9999.
- At the end of the year, ask your counselor to upload your official transcript.

GRADE 12

Graduate

- Take the ACT or SAT again, if necessary, and make sure we get your scores by using code 9999.
- Request your final amateurism certification after April 1.
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation.

NCAA Initial-Eligibility Requirements by Division	
DIVISION I	DIVISION II
<ul style="list-style-type: none"> • Register with the NCAA Eligibility Center • 16 NCAA core courses • 10 core courses completed before 7th semester • 7 of the 10 must be in English, math or natural/physical science • Corresponding test score (ACT sum score or SAT combined) and core-course GPA (min 2.30) on Division I sliding scale 	<ul style="list-style-type: none"> • Register with the NCAA Eligibility Center • 16 NCAA core courses • 2.20+ GPA in core courses • SAT or ACT score that matches core-course GPA on the Division II competition sliding scale
DIVISION III	
<ul style="list-style-type: none"> • If you are planning to attend a Division III school, you do not need to register with the NCAA Eligibility Center. Division III schools set their own admissions and eligibility standards. Contact the school or visit http://www.ncaa.org/d3 	



NCAA COURSE REQUIREMENTS FOR THE COLLEGE-BOUND STUDENT ATHLETE

NCAA schools require college-bound student-athletes to build a foundation of high school courses to prepare them for the college classroom. Not all high school classes count as NCAA core courses. The BHS classes listed below are approved.

- NATURAL/PHYSICAL SCIENCE**
- Anatomy/Physiology
 - Biology
 - AP Biology
 - Biotechnology
 - Chemical Research & Design
 - Chemistry
 - AP Chemistry
 - Earth Science
 - AP Environmental Science
 - Intro to Forensic Science
 - Physical Science
 - Physics
 - AP Physics
 - STEM: Intro. to Principles of Engineering
 - Zoology

- MATHEMATICS**
- Algebra 1
 - Algebra 2
 - Geometry
 - Algebra 2
 - AP Calculus
 - Honors Algebra 2
 - Honors Geometry
 - Honors Pre-Calculus
 - Pre-Calculus
 - AP Statistics

- SOCIAL SCIENCE**
- Economics
 - AP Economics
 - AP European History
 - AP Human Geography
 - Modern American History
 - Modern World History
 - Political Science
 - Psychology
 - AP Psychology
 - Social Studies Foundations
 - Sociology
 - AP U.S. History
 - AP U.S. Government
 - AP World History

- ENGLISH**
- Advanced Public Speaking
 - African American Literature
 - AP English Literature
 - Creative Writing
 - Literature & Composition
 - English 9
 - English 10
 - Honors British Literature
 - Honors English 9
 - Honors Public Speaking
 - Honors English 10
 - Intro to College English
 - Journalism
 - Public Speaking
 - Contemporary Literature
 - Women's Literature
 - World Literature

- ADDITIONAL CORE COURSES**
- German I-III
 - French I-V
 - Spanish I-V
 - Spanish for Spanish Speakers
 - Spanish for Spanish Speakers II
 - ASL I-IV

NOTE: NCAA legislation permits a student to receive credit for a core course only one time. As a result, if a student repeats a core course, the student will only receive credit once for the core course, and the highest grade earned in the course will be included in the calculation of the student's core course grade point average. Likewise, if a student completes a course that is duplicative in content with another core course, the student will only receive credit for one of the duplicative courses, and the course with the highest grade earned will be included in the calculation of the student's core course grade point average.

For more information:
eligibilitycenter.org
NCAA.org/playcollegesports

Search Frequently Asked Questions:
NCAA.org/studentfaq

Follow us on Twitter:
[@ncaa_ec](https://twitter.com/ncaa_ec)

COURSE PLANNING & CREDIT GUIDELINES

Even and Odd Year Courses Some courses will be offered every other year. Even year courses are offered when the **school year** ends in an **even** number (e.g. 2021 – 2022). Odd year courses are offered when the **school year** ends in an **odd** number (e.g. 2022 – 2023).

Early Graduation - Students who wish to graduate early must contact their school counselor to obtain the application form. This option is usually discussed with the student and parent during the Junior Planning Conference. Students must adhere to the deadline dates indicated on the application. A meeting/interview will be scheduled for a later date to determine the student's eligibility/qualifications for Early Graduation.

Leveled Courses - Courses are leveled based on the degree of difficulty. Level I = introductory course, Level II = extended learning course, Level III = complex learning course, and Level IV = college-level course.

Will all my course selections run?

BHS attempts to offer the fullest possible schedule of course offerings. The following factors are considered when determining whether a class will be offered:

1. The type of instruction needed to assist each student to develop his/her academic and occupational capacities to the utmost.
2. Effective staff utilization.
3. Class size.

Classes are canceled when less than the required number of students pre-register during the course selection process. When a class is canceled, an alternate course is selected from the student's course selection sheet. Some advanced courses, which typically have small enrollments, may be offered in alternating semesters or alternating years.

Credit Guidelines:

Credit Key:

- 1 Credit** Awarded for the successful completion of a course that meets one period for the full year
- .5 Credit** Awarded for the successful completion of a course that meets one period for a semester.

Academic Letters

Students who earn a GPA of 3.5 for a semester are eligible to receive an academic letter. Students who earn a GPA of 3.5 for any additional semester(s) will receive an achievement bar to add to the letter.

ACADEMIC RECOGNITION FOR CLASS OF 2022 AND BEYOND

Burlington High School Laude System

Burlington High School uses a tiered Laude point system with an un-weighted GPA system that recognizes students for the rigor of their academic program, as well as their success in the program.

Laude System Information

Award Levels	<p>There are three levels of awards:</p> <ul style="list-style-type: none"> • Summa Cum Laude: Highest Honor = 88.00+ Laude Points • Magna Cum Laude: Great Honor = 56.0-87.99 Laude Points • Cum Laude: Honor = 19.0 – 55.99 Laude Points
Benefits of a Laude System of Recognition	<ul style="list-style-type: none"> • The Laude System motivates students to challenge themselves, as it aligns with Academic and Career planning, and allows for rigor in a student’s area of interest or career field. • The Laude System eliminates class rank. Students with a solid GPA will no longer be penalized on a college application if they happen to carry a moderate class rank. • The Laude System removes weighted grades, which allows students to take courses that they are truly interested in. Students no longer have to worry about weighted vs. unweighted courses and their impact on GPA and class rank. • The removal of weighted grades and class rank reduces the mathematical GPA game among BHS students. Students can now focus less on competing with other BHS students, and more on preparing themselves for life after BHS.
Criteria for Laude Recognition	<ul style="list-style-type: none"> • To be considered for a Laude award, a student must have a cumulative GPA of 3.2 (no rounding) at the end of 1st semester senior year. • A student’s Laude score will be determined by multiplying the student’s cumulative GPA by the total number of Laude Points earned at the end of the 7th semester, which is first semester senior year. Students wishing to earn Laude recognition will complete a Laude worksheet from the Student Services during their final semester senior year. • Laude points are awarded for each Laude recognized semester course completed with an academic grade of C or better. <p>Calculating Laude Score: Laude Score = GPA x Laude Points A student took 7 courses with Laude Points and earned a C or better in each course.</p> <ul style="list-style-type: none"> *1 class worth 2 Laude Points → 2 Laude Points *6 classes worth 1 Laude Point each → 6 Laude Points *GPA of 3.82 *Laude Score = 3.82 x 8 = 30.56 *This student would graduate Cum Laude

		GPA									
		4	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	
32	128	124.8	121.6	118.4	115.2	112	108.8	105.6	102.4		
31	124	120.9	117.8	114.7	111.6	108.5	105.4	102.3	99.2		
30	120	117	114	111	108	105	102	99	96		
29	116	113.1	110.2	107.3	104.4	101.5	98.6	95.7	92.8		
28	112	109.2	106.4	103.6	100.8	98	95.2	92.4	89.6		
27	108	106.3	102.6	99.9	97.2	94.5	91.8	89.1	86.4		
26	104	101.4	98.8	96.2	93.6	91	88.4	85.8	83.2		
25	100	97.5	95	92.5	90	87.5	85	82.5	80		
24	96	93.6	91.2	88.8	86.4	84	81.6	79.2	76.8		
23	92	89.7	87.4	85.1	82.8	80.5	78.2	75.9	73.6		
22	88	85.8	83.6	81.4	79.2	77	74.8	72.6	70.4		
21	84	81.9	79.8	77.7	75.6	73.5	71.4	69.3	67.2		
20	80	78	76	74	72	70	68	66	64		
19	76	74.1	72.2	70.3	68.4	66.5	64.6	62.7	60.8		
18	72	70.2	68.4	66.6	64.8	63	61.2	59.4	57.6		
17	68	66.3	64.6	62.9	61.2	59.5	57.8	56.1	54.4		
16	64	62.4	60.8	59.2	57.6	56	54.4	52.8	51.2		
15	60	58.5	57	55.5	54	52.5	51	49.5	48		
14	56	54.6	53.2	51.8	50.4	49	47.6	46.2	44.8		
13	52	50.7	49.4	48.1	46.8	45.5	44.2	42.9	41.6		
12	48	46.8	45.6	44.4	43.2	42	40.8	39.6	38.4		
11	44	42.9	41.8	40.7	39.6	38.5	37.4	36.3	35.2		
10	40	39	38	37	36	35	34	33	32		
9	36	35.1	34.2	33.3	32.4	31.5	30.6	29.7	28.8		
8	32	31.2	30.4	29.6	28.8	28	27.2	26.4	25.6		
7	28	27.3	26.6	25.9	25.2	24.5	23.8	23.1	22.4		
6	24	23.4	22.8	22.2	21.6	21	20.4	19.8	19.2		
5	20	19.5	19	18.5	18	17.5	17	16.5	16		
4	16	15.6	15.2	14.8	14.4	14	13.6	13.2	12.8		
3	12	11.7	11.4	11.1	10.8	10.5	10.2	9.9	9.6		
2	8	7.8	7.6	7.4	7.2	7	6.8	6.6	6.4		
1	4	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2		
0	0	0	0	0	0	0	0	0	0		

There will be no rounding of Laude Scores.

- 88+ for Summa Cum Laude
- 56 - 87.99 for Magna Cum Laude
- 19 - 55.99 for Cum Laude

There may be some students who will need to be considered on a case-by-case basis, such as students who take a semester or year abroad or graduate early

Which Courses Qualify for Laude Points?

Laude Course Recognition



Advanced Placement (AP) Courses
 Start College Now / Early College Credit Program Courses
 Courses that receive Transcribed credit from Gateway Technical College
 Gateway Technical College VANguard Courses
 Certain Honors Courses
 Dual Credit Courses
 Youth Apprenticeships
 Courses Leading to Workforce Certification
 Approved Transfer Credits
 Other courses and unique situations will be considered on an individual basis and determined by the rigor of the coursework. **Requests for consideration of Laude credit must be submitted to the school counselor by March 1.**

How can I find out if a course is recognized as Laude?



Refer to the course descriptions in this Course Planning Guide. If a course receives Laude recognition, it will be indicated in the course's description with the symbol below. Two symbols means two points.



Please note that while we try to keep our course descriptions current, Laude courses may change yearly due to postsecondary articulation agreements and other factors. Students should see their school counselor for the most accurate information.

COURSE ADDITIONS AND SCHEDULE CHANGES

Resolving problems in an individual schedule is very difficult once the master schedule has been completed. It is time consuming for everyone and can delay a student's placement in courses before the start of school. To avoid this difficulty, *students and parents are strongly encouraged to make careful selections during the course registration process.*

Course additions may be made prior to the start of the semester **only** if the added class will fit into open time that already exists in the student's schedule. Any student interested in requesting a schedule change must make an appointment to meet with his/her school counselor *before semester begins.*

Schedule changes will be considered PRIOR TO THE START OF EACH SEMESTER and will be limited to necessary changes due to:

- **Failure in a full-year, progressive course**
- **Course needed to meet graduation requirement.**
- **Students approved for Start College Now, Early College Credit, or School -to-Work (WINGS).**
- **Elective substitutions may be considered if relevant to student's career path.**
- **An individual educational plan (IEP) or 504 plan accommodations.**
- **Administrative directive.**
- **Student recovered credit during summer school.**
- **Student did not meet course prerequisite.**

Once the semester begins, schedule changes are not permitted. If a student chooses to drop a class after the beginning of the semester, he/she will receive an "F" for the dropped class. **This includes AP courses.**

Students may be withdrawn from a course because of the following criteria:

- The student is considered misplaced by the classroom teacher (the student will then be placed in another course in that subject area).
- Administrative directive.

Students withdrawn from a course because of undesirable conduct will result in a failing semester grade for that course. Students may also receive disciplinary action.

Note: A low or failing grade will not be considered as justification for withdrawal from a course.



Special Programs

Architecture, Construction, and Engineering (ACE) Academy

Architecture, Construction, and Engineering Academy is available to sophomores, juniors, and seniors. The ACE Academy involves a sequence of coursework that introduces students to careers in the architecture, construction, and engineering industries. **Students who earn certification of completion will be prepared to enter the ACE trades and/or apprenticeships, or to pursue further education at the technical college or university level.** Most of the classes are dual credit transcribed classes with Gateway to give students a head start on post-secondary college work. Burlington High School is recognized throughout the state for this model program.

Work-Based Learning – School – to Work Available to juniors and seniors, School-to-Work involves coursework and related work-based learning relevant in many of the Career Pathways. School-to-Work students must be in good academic standing, have excellent attendance, and have taken or currently be taking the Employability Skills or School-to-Work class. Opportunities are based on students being able to secure related employment. Employers must agree to adhere to standard employment of youth rules and regulations. An application can be found [here](#) or by emailing Mr. Gribble at jgribble@basd.k12.wi.us

Youth Apprenticeship

For juniors or seniors seeking employment or currently employed in specific career areas, this program is meant to develop job skills through on-the-job learning opportunities. Students must be hired by an eligible employer, complete required paperwork, and meet program expectations outlined by the program coordinator. Students may elect to take release time during the school day as part of the program, but it is not mandatory. Students will receive ½ credit for each semester enrolled in the program, up to a maximum of 2 credits. Contact Mr. Hendricks (bhendricks@basd.k12.wi.us) for more details on how to enroll. Click on this link to read more about what career programs qualify <https://dwd.wisconsin.gov/youthapprenticeship/programs.htm>.

Study Abroad

Qualified students may take the opportunity to become an exchange student and live in another country for a summer, semester, or year. There are many reasons why a student might choose to study overseas: the adventure of living in a new country and culture, learning or improving a second language, having an educational advantage to include in resumes and on college applications, and developing skills that will help prepare him/her for his/her future. Above all else, living and studying in another culture helps one to discover more about who he/she is in ways that no other experience can. Students learn more about themselves and the world than ever thought possible. Please see your school counselor for more information.

SPECIAL PROGRAMS Cont.

STEM Certificate

Our STEM certificate integrates rigorous course work with real-world lessons from four disciplines (Science, Technology, Engineering, and Math) to improve student understanding and improve use of technology. Students who earn the STEM Certificate will be exposed to courses that develop 21st Century skills and prepare them for college and/or the workforce.

Requirements for the STEM Certificate:

3 Credits Science	Biology and at least one hard science Physical Science, Environmental Science, Chemistry, or Physics required.
1 Credit Technology	Any of the Technical Education and/or Informational Technology courses.
2 Credits Engineering	STEM Principles of Engineering, STEM Engineering Technology, STEM 3D Solid Modeling, STEM 21 st Engineering and/or STEM Civil Engineering & Architecture
3 Credits Math	
3 Additional Credits	Any of the above areas (Science, Technology, Engineering, and Math)
12 Total Credits	

PROGRAMMING FOR AT-RISK STUDENTS

ARROW The ARROW program is available for students who have been identified as at risk of not graduating. A blend of online and direct instruction courses are offered. Students will also complete comprehensive career and life skills portfolios to be eligible to graduate from this program.

Fox River Consortium Alternative High School At the FRC, students are taught in an engaging learning community, which focuses on educating the whole child. Alongside academic and career skills, social-emotional learning occurs for students to become the adults they are destined to be. Specially trained educators provide a personalized curriculum and instruction designed to meet the individual ability and learning style of each student by offering project-based learning, experiential learning, team building, mentoring, and service-learning opportunities. Providing a wide-range of relevant, challenging, and engaging educational opportunities assist students in reaching their

full potential by developing students who think critically, problem-solve, accept responsibility, and demonstrate exemplary citizenship. The FRC graduates students who are prepared to work, serve, succeed, and compete in a global society. There are a limited number of openings available each year. Please see your school counselor to apply to the FRC Alternative High School.

Adult High School Diploma

In certain cases, 17-18 year old students may attend Gateway to fulfill high school graduation credits. This requires a contract between the District, Gateway, and parent. See your school counselor for further information.

DUAL CREDIT OPPORTUNITIES OFFERED AT BURLINGTON HIGH SCHOOL



Articulated/Transcripted Classes

Burlington High School and Gateway Technical College have a strong partnership. The Gateway logo means that the Burlington High School curriculum meets the criteria for college credit at Gateway Technical College. Current eligible classes are Accounting, Intro to Business, Business & Personal Law, Entrepreneurship, Intro to Marketing, IT Essentials, IT in Global Business, Personal & Business Recordkeeping, Personal Finance, Software Savvy, Sports & Entertainment Management, Anatomy & Physiology, STEM Civil Engineering & Architecture, Metals: Fabrication Technology, Metals: Technology & Processes, Fundamentals of Construction, Principles of Building Trades, Carpentry, and all of the VANguard classes except for German. More information can be found at <https://www.gtc.edu/admissions/audience/high-school-students/high-school-articulation-agreements>

CAPP (Cooperative Academic Partnership Program)



BHS and the University of Wisconsin-Oshkosh have partnered to provide college classes. Students enrolled in CAPP classes have the option of registering for university credit at UW-Oshkosh. Current CAPP Classes are Advanced Public Speaking, Broadcasting I, Filmmaking, and Advanced Filmmaking. To receive the college credit, students are expected to pay a portion of the tuition fee (may vary based on Wisconsin state legislation).



Partners in Education (PIE)

BHS and the University of Wisconsin-Whitewater have partnered to provide college credit for Advanced Placement English Literature. Students enrolled in the PIE class have the option of registering for credit at UW-Whitewater. To receive the college credit, students are expected to pay a portion of the tuition fee (may vary per year based on Wisconsin state legislation).

VANguard



Burlington High School is proud to partner with Gateway Technical College to offer the VANguard Network. Through this partnership, Burlington High School is able to promote distance learning opportunities for our students utilizing state-of-the-art technologies including video classroom technology, online learning tools, and emerging technologies to meet the instructional needs of our students. Every class, except for German, will count for dual credit both at Gateway and at Burlington High School. **Classes Offered:** American Sign Language I-IV, Medical Terminology, German I-III (only high school credit), Intro to Programming & Database, Micro Computer Programming Advanced, Mobile Device Application Programming, Web Programming I, Game Programming. Please see course descriptions **These classes can be requested through the course selection process; however, additional steps are required to enroll in these classes. See a school counselor for more information.**

DUAL CREDIT OPPORTUNITIES OFFERED AT POST-SECONDARY SCHOOLS

BHS students can earn up to 18 credits total in the following programs with a maximum of nine college credits per semester. Students will be asked to enroll in at least two BHS courses while participating in these programs.

Start College Now Program (11-12)

The Start College Now Program allows juniors and seniors in good academic standing to attend any Wisconsin Technical College to take courses beyond the scope and sequence offered at the high school. More information can be found by clicking [here](#).



Early College Credit Program (9-12)

The Early College Credit Program allows a high school student to enroll in a University of Wisconsin System institution, or a Wisconsin private, non-profit institution of higher education, to take one or more course(s), for which the student may earn high school credit, post-secondary credit, or both. More information can be found at [UW Help](#).



Deadline dates for applications are **October 1st** for spring semester and **March 1st** for fall semester.

Student must see his or her school counselor to enroll in these programs.

Advanced Placement (AP) Courses

Advanced Placement is a program of college-level courses and exams that gives bright, motivated students the opportunity to get ahead by earning college credits while still in high school (through qualifying scores on the AP exams).

AP EXAMS

AP courses and exams are available in a variety of subject areas. Below are the AP classes we currently offer; however, students who feel qualified may take an exam in any AP subject area without taking a class in the subject area.

AP Exams are as follows:

Art	<ul style="list-style-type: none"> • Art History, Drawing Portfolio, 2-D Art & Design Portfolio, and 3-D Art & Design Portfolio
Music	<ul style="list-style-type: none"> • Music Theory
English	<ul style="list-style-type: none"> • English Language and Composition
Social Studies	<ul style="list-style-type: none"> • Comparative Government and Politics, European History, Human Geography, Macroeconomics, Microeconomics, Psychology, U.S. Government and Politics, U.S. History, and World History
Mathematics	<ul style="list-style-type: none"> • Calculus AB, Calculus BC, and Statistics
Computer Science	<ul style="list-style-type: none"> • Computer Science
Science	<ul style="list-style-type: none"> • Biology, Chemistry Environmental Science, Physics1: Algebra – Based, Physics2: Algebra – Based, Physics C: Electricity and Magnetism, and Physics C: Mechanics
World Languages	<ul style="list-style-type: none"> • Chinese Language and Culture, French Language and Culture, German Language and Culture, Italian Language and Culture, Japanese Language and Culture, Latin, Spanish Language, and Spanish Literature and Culture

AP EXAM GRADES

The AP grading scale is as follows:

- 5 Extremely well qualified
- 4 Well qualified
- 3 Qualified
- 2 Possibly qualified
- 1 No recommendation

Students will receive their grade report in July. Most colleges and universities accept AP scores of 3 or above.

BENEFITS OF AP

Students will receive credit, advanced placement, or both at most colleges and universities. The amount of credit received varies based on the college, AP score, and the subject. The AP Credit Policy Search tool (<https://apstudent.collegeboard.org/creditandplacement/search-credit-policies>) from Collegeboard finds colleges and universities that offer credit or placement for AP scores. However, please also check with the college or university itself. Some colleges grant up to six college credits for a score of 5. Students are also able to move into a higher-level class at college as a freshman. This not only translates into time saved, but also a financial savings for each credit earned while in high school. It is possible for a student to take enough AP exams to enter college at a sophomore standing.

COST OF AP EXAMS

Students must pay for each exam taken. There is a charge for each unused exam; therefore, students must pay a non-refundable deposit for each exam they expect to take. **For further information, contact an AP teacher and/or your school counselor regarding AP courses and exams.**

INFORMATION YOU NEED TO KNOW WHEN PLANNING YOUR EDUCATION

Courses of Study/Career Pathways and Career Clusters

The Burlington High School Course Planning Guide incorporates the Career Clusters into course selections. These tools, Courses of Study and Career Pathways, are ways for students to group their required courses and electives into a coherent sequence in preparation for college and careers. Utilizing the sixteen Career Clusters, students can identify pathways from high school to two- and four-year colleges, graduate school, and/or directly to the workplace. By connecting education to future goals, students are motivated to work harder and enroll in more rigorous courses.



Almost all career possibilities can be found within the Career Clusters. Students at Burlington High School are fortunate to have the opportunity to take coursework relevant to all sixteen Career Clusters. School counselors develop an Individual Learning Plan (ILP) with each student and his/her parents/guardians with an emphasis on post-secondary planning. Conferences occur yearly to update progress on the ILP. Students are encouraged to continue ongoing career exploration. Some resources include: <https://xello.world/en/about/> and <https://dpi.wi.gov/cte/career-development/career-clusters>

21st Century Learning

Core Subjects and 21st Century Themes

Mastery of core subjects and 21st century themes is essential to student success. Core subjects include English, reading, or language arts, world languages, arts, mathematics, economics, science, geography, history, government, and civics. In addition, schools must promote an understanding of academic content at much higher levels by weaving 21st century interdisciplinary themes into core subjects:

- Global Awareness
- Financial, Economic, Business and Entrepreneurial Literacy
- Civic Literacy
- Health Literacy
- Environmental Literacy

Learning and Innovation Skills

Learning and Innovation Skills are what separate students who are prepared for increasingly complex life and work environments in today's world from those who are not. They include:

- Creativity and Innovation
- Critical Thinking and Problem Solving
- Communication and Collaboration

Information, Media, and Technology Skills

Today, we live in a technology- and media-driven environment, marked by access to an abundance of information, rapid changes in technology tools, and the ability to collaborate and make individual contributions on an unprecedented scale. Effective citizens and workers must be able to exhibit a range of functional and critical thinking skills, such as:

- Information Literacy
- Media Literacy
- ICT (Information, Communications, and Technology) Literacy

Life and Career Skills

Today's life and work environments require far more than thinking skills and content knowledge. The ability to navigate the complex life and work environments in the globally competitive information age requires students to pay rigorous attention to developing adequate life and career skills, such as:

- Flexibility and Adaptability
- Initiative and Self-Direction
- Social and Cross-Cultural Skills
- Productivity and Accountability
- Leadership and Responsibility

The 16 Career Clusters

Focusing Education on the Future

The sixteen Career Clusters included in this handbook represent the many areas in which students may pursue a future career. Career Clusters identify the knowledge and skills a student will need as they follow a pathway toward their career goals. Each Career Cluster includes a general description of the career area, the career pathways associated, related occupations, and the relevant courses and extracurricular activities offered that will assist the student in reaching their future goals. By linking education to future goals, students may be inspired to work harder and enroll in more rigorous courses.





The production, processing, marketing, distribution, financing, and developing of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal



Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERINCE	EARNING AN ASSOCIATE DEGREE OR POST – HIGH SCHOOL CERTIFICATION COMMUNITY OR TECHNICAL COLLEGE, APPRENTICESHIP, AND/OR EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Bee Keeper <input type="checkbox"/> Crop Sprayer <input type="checkbox"/> Fisherman <input type="checkbox"/> Landscape Laborer <input type="checkbox"/> Logger <input type="checkbox"/> Nursery Employee <input type="checkbox"/> Pet Groomer <input type="checkbox"/> Pet Shop Employee Stable Worker <input type="checkbox"/> Veterinary Hospital Employee 	<ul style="list-style-type: none"> <input type="checkbox"/> Arborist <input type="checkbox"/> Animal Control <input type="checkbox"/> Farmer <input type="checkbox"/> Genetic Technologist <input type="checkbox"/> Golf Course Manager <input type="checkbox"/> Greenhouse Manager <input type="checkbox"/> Turf Manager <input type="checkbox"/> Veterinary Technician 	<ul style="list-style-type: none"> <input type="checkbox"/> Animal Scientist <input type="checkbox"/> Biochemist <input type="checkbox"/> Entomologist <input type="checkbox"/> Food Scientist <input type="checkbox"/> Agriculture Economist, Educator, Engineer, Banker, Sales or Communications <input type="checkbox"/> Game Warden <input type="checkbox"/> Geneticist <input type="checkbox"/> Greenhouse Operator <input type="checkbox"/> Marine Biologist <input type="checkbox"/> Soil Scientist <input type="checkbox"/> USDA Inspector <input type="checkbox"/> Veterinarian <input type="checkbox"/> Zoologist

SOME HELPFUL COURSES FOR THIS CLUSTER

<ul style="list-style-type: none"> <input type="checkbox"/> Biology <input type="checkbox"/> Biotechnology <input type="checkbox"/> Boundary Waters <input type="checkbox"/> Business & Personal Law <input type="checkbox"/> I,II,III <input type="checkbox"/> Chemistry <input type="checkbox"/> Civil Engineering & Architecture <input type="checkbox"/> Companion Animals <input type="checkbox"/> Intro to Culinary Arts <input type="checkbox"/> Advanced Culinary Arts <input type="checkbox"/> Current American Problems & Affairs <input type="checkbox"/> Earth Science 	<ul style="list-style-type: none"> <input type="checkbox"/> Economics <input type="checkbox"/> English Courses <input type="checkbox"/> Environmental Science (AP) <input type="checkbox"/> Science Courses <input type="checkbox"/> Family and Consumer Science Seminar <input type="checkbox"/> Fish & Wildlife <input type="checkbox"/> Forestry Field Study <input type="checkbox"/> Grand Canyon <input type="checkbox"/> Health <input type="checkbox"/> Intro to Agriculture <input type="checkbox"/> Landscape and Design <input type="checkbox"/> Math Courses 	<ul style="list-style-type: none"> <input type="checkbox"/> Principles of Human Nutrition <input type="checkbox"/> Psychology <input type="checkbox"/> Sociology <input type="checkbox"/> Veterinary Science <input type="checkbox"/> Wood Technology & Processes <input type="checkbox"/> World Languages <input type="checkbox"/> World Literature <input type="checkbox"/> Zoology
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Careers in designing, planning, managing, building, and maintaining the built environment.

Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERINCE	EARNING AN ASSOCIATE DEGREE OR POST – HIGH SCHOOL CERTIFICATION COMMUNITY OR TECHNICAL COLLEGE, APPRENTICESHIP, AND/OR EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Construction Laborer <input type="checkbox"/> Construction Assistant <input type="checkbox"/> Fence Builder <input type="checkbox"/> Grading Machine Operator <input type="checkbox"/> Groundskeeper <input type="checkbox"/> Heavy Equipment Operator <input type="checkbox"/> Highway Maintenance <input type="checkbox"/> Roofer <input type="checkbox"/> Tile Setter 	<ul style="list-style-type: none"> <input type="checkbox"/> Architectural Drafter <input type="checkbox"/> Carpenter <input type="checkbox"/> Civil Engineering Technician <input type="checkbox"/> Drywall Installer <input type="checkbox"/> Electrician <input type="checkbox"/> Electrical Engineering Technician <input type="checkbox"/> HVAC Technician <input type="checkbox"/> Pipefitter <input type="checkbox"/> Plumber 	<ul style="list-style-type: none"> <input type="checkbox"/> Architect <input type="checkbox"/> Building Contractor <input type="checkbox"/> C.A.D. Designer <input type="checkbox"/> Civil Engineer <input type="checkbox"/> Cost Estimator <input type="checkbox"/> Electrical Engineer <input type="checkbox"/> Grounds Supervisor <input type="checkbox"/> Interior Design <input type="checkbox"/> Landscape Architect

SOME HELPFUL COURSES FOR THIS CLUSTER		
<ul style="list-style-type: none"> <input type="checkbox"/> 21st Century Engineering <input type="checkbox"/> Business & Personal Law I,II,III <input type="checkbox"/> Carpentry <input type="checkbox"/> Civil Engineering & Architecture <input type="checkbox"/> Digital Illustration I <input type="checkbox"/> English Courses <input type="checkbox"/> Entrepreneurship/Intro to Business <input type="checkbox"/> Exploring Tech ED 	<ul style="list-style-type: none"> <input type="checkbox"/> Housing & Interior Design <input type="checkbox"/> Fundamentals of Construction <input type="checkbox"/> Journalism <input type="checkbox"/> Landscape Design <input type="checkbox"/> Math Courses <input type="checkbox"/> Physics <input type="checkbox"/> Principles of Building Trades 	<ul style="list-style-type: none"> <input type="checkbox"/> Principles of Engineering <input type="checkbox"/> Sociology <input type="checkbox"/> STEM 3D Solid Modeling <input type="checkbox"/> Woods: Technology &Processes <input type="checkbox"/> Woods: Fabrications Technology <input type="checkbox"/> World Languages



Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.



Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERIENCE	EARNING AN ASSOCIATE DEGREE OR POST – HIGH SCHOOL CERTIFICATION COMMUNITY OR TECHNICAL COLLEGE, APPRENTICESHIP, AND/OR EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Floral Designer <input type="checkbox"/> Food Stylist <input type="checkbox"/> Musician <input type="checkbox"/> Mural Painter <input type="checkbox"/> Photographer <input type="checkbox"/> Pre – Press <input type="checkbox"/> Proofreader <input type="checkbox"/> Sign Designer/Painter <input type="checkbox"/> Stained Glass 	<ul style="list-style-type: none"> <input type="checkbox"/> Animator <input type="checkbox"/> Broadcast Technician <input type="checkbox"/> Graphic Designer <input type="checkbox"/> Potter <input type="checkbox"/> Public Relations <input type="checkbox"/> Recording Technician <input type="checkbox"/> Sign Painter <input type="checkbox"/> Taxidermist 	<ul style="list-style-type: none"> <input type="checkbox"/> Animator <input type="checkbox"/> Architect <input type="checkbox"/> Art / Music Teacher <input type="checkbox"/> Artist <input type="checkbox"/> AV Designer & Engineer <input type="checkbox"/> Cinematographer <input type="checkbox"/> Composer <input type="checkbox"/> Journalist <input type="checkbox"/> Illustrator <input type="checkbox"/> Musician <input type="checkbox"/> Photographer <input type="checkbox"/> Videographer

SOME HELPFUL COURSES FOR THIS CLUSTER

<ul style="list-style-type: none"> <input type="checkbox"/> Math Courses <input type="checkbox"/> English Courses <input type="checkbox"/> Music Courses <input type="checkbox"/> Art Courses <input type="checkbox"/> Broadcasting I, II, & III <input type="checkbox"/> Business & Personal Law I, II, & III <input type="checkbox"/> Ceramics/Sculpture I <input type="checkbox"/> Civil Engineering & Architecture 	<ul style="list-style-type: none"> <input type="checkbox"/> Culinary Arts <input type="checkbox"/> Digital Illustration I <input type="checkbox"/> Drama I & II <input type="checkbox"/> Drawing & Painting I <input type="checkbox"/> 2D Seminar <input type="checkbox"/> 3D Seminar <input type="checkbox"/> Filmmaking Courses <input type="checkbox"/> Housing & Interior Design <input type="checkbox"/> Information Technology 	<ul style="list-style-type: none"> <input type="checkbox"/> Landscape Design <input type="checkbox"/> Photography Courses <input type="checkbox"/> Physics <input type="checkbox"/> Sports & entertainment Mgmt. <input type="checkbox"/> Stained Glass I <input type="checkbox"/> Webpage Programming <input type="checkbox"/> World Languages
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Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.

CAREER OPTIONS		
EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERINCE	EARNING AN ASSOCIATE DEGREE OR POST – HIGH SCHOOL CERTIFICATION COMMUNITY OR TECHNICAL COLLEGE, APPRENTICESHIP, AND/OR EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Bank Teller <input type="checkbox"/> Billing, Cost & Rate Clerk <input type="checkbox"/> Caterer <input type="checkbox"/> Data Entry Clerk <input type="checkbox"/> File Clerk <input type="checkbox"/> Hospital Admitting <input type="checkbox"/> Hotel Clerk <input type="checkbox"/> Human Resource Clerk <input type="checkbox"/> Meter Reader <input type="checkbox"/> Receptionist <input type="checkbox"/> Salesclerk <input type="checkbox"/> Typist 	<ul style="list-style-type: none"> <input type="checkbox"/> Accountant <input type="checkbox"/> Administrative Assistant <input type="checkbox"/> Court Reporter <input type="checkbox"/> Funeral Director <input type="checkbox"/> Kennel Owner <input type="checkbox"/> Industrial Clerk <input type="checkbox"/> Management Trainee <input type="checkbox"/> Retail Sales Supervisor <input type="checkbox"/> Small Business Owner <input type="checkbox"/> Tax Preparer <input type="checkbox"/> Word Processor 	<ul style="list-style-type: none"> <input type="checkbox"/> Accountant – CPA <input type="checkbox"/> Art Director <input type="checkbox"/> Auditor <input type="checkbox"/> E – Commerce Analyst <input type="checkbox"/> Consultant <input type="checkbox"/> Event Planner <input type="checkbox"/> Facilities Manager <input type="checkbox"/> Human Resource Manager <input type="checkbox"/> Marketing Manager <input type="checkbox"/> Musician’s Agent <input type="checkbox"/> Personal Recruiter <input type="checkbox"/> Sales Representative

SOME HELPFUL COURSES FOR THIS CLUSTER		
<ul style="list-style-type: none"> <input type="checkbox"/> Math Courses <input type="checkbox"/> English Courses <input type="checkbox"/> Accounting, Advanced, College <input type="checkbox"/> Biotechnology <input type="checkbox"/> Business & Personal Law I, II, III <input type="checkbox"/> Computers for Professionals <input type="checkbox"/> Current American Problems & Affairs 	<ul style="list-style-type: none"> <input type="checkbox"/> Digital Illustration I <input type="checkbox"/> Economics / AP Economics <input type="checkbox"/> Entrepreneurship / Intro <input type="checkbox"/> Global Business <input type="checkbox"/> Filmmaking Classes <input type="checkbox"/> Intro to Business Principles <input type="checkbox"/> Intro to Marketing 	<ul style="list-style-type: none"> <input type="checkbox"/> Political Science <input type="checkbox"/> Psychology / AP Psychology <input type="checkbox"/> Sports & Entertainment Management <input type="checkbox"/> World Languages



Planning, managing and providing education and training services, and related learning support services.



Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERIENCE	EARNING AN ASSOCIATE DEGREE OR POST – HIGH SCHOOL CERTIFICATION COMMUNITY OR TECHNICAL COLLEGE, APPRENTICESHIP, AND/OR EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Aerobics Instructor <input type="checkbox"/> Child Care Assistant <input type="checkbox"/> Dance Teacher <input type="checkbox"/> Library Assistant <input type="checkbox"/> Self-Enrichment Teacher 	<ul style="list-style-type: none"> <input type="checkbox"/> Computer Installation & Demonstration <input type="checkbox"/> Library Technician <input type="checkbox"/> Pre – School Teacher <input type="checkbox"/> Sign Language Instructor <input type="checkbox"/> Teacher Assistant 	<ul style="list-style-type: none"> <input type="checkbox"/> Adult Literacy Teacher <input type="checkbox"/> Bilingual Educator <input type="checkbox"/> Educational Administrator <input type="checkbox"/> Elementary School Teacher <input type="checkbox"/> Instructional Coordinator <input type="checkbox"/> Kindergarten Teacher <input type="checkbox"/> Librarian <input type="checkbox"/> Music Teacher <input type="checkbox"/> Music Therapist <input type="checkbox"/> School Counselor <input type="checkbox"/> School Psychologist <input type="checkbox"/> Secondary School Teacher <input type="checkbox"/> Special Education Teacher <input type="checkbox"/> Speech Language Pathologist <input type="checkbox"/> Teacher of the Blind <input type="checkbox"/> Training Program Manager <input type="checkbox"/> University Professor <input type="checkbox"/> Vocational Education Teacher

SOME HELPFUL COURSES FOR THIS CLUSTER

<ul style="list-style-type: none"> <input type="checkbox"/> Art Courses <input type="checkbox"/> Business Courses <input type="checkbox"/> DRIVEN <input type="checkbox"/> English Courses <input type="checkbox"/> Family & Consumer Science <input type="checkbox"/> Health <input type="checkbox"/> Information Technology Courses 	<ul style="list-style-type: none"> <input type="checkbox"/> Math Courses <input type="checkbox"/> Music Courses <input type="checkbox"/> Psychology / AP <input type="checkbox"/> Advanced Public Speaking <input type="checkbox"/> Science Courses 	<ul style="list-style-type: none"> <input type="checkbox"/> Social Studies Courses <input type="checkbox"/> Wellness Education <input type="checkbox"/> World Languages <input type="checkbox"/> Nutrition
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Bureau of Labor Statistics provides career outlook [here](#).



Planning, services for financial and investment planning, banking, insurance, and business financial management.

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERINCE	EARNING AN ASSOCIATE DEGREE OR POST – HIGH SCHOOL CERTIFICATION COMMUNITY OR TECHNICAL COLLEGE, APPRENTICESHIP, AND/OR EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Bill & Account Collector <input type="checkbox"/> Brokerage Clerk <input type="checkbox"/> Cashier 	<ul style="list-style-type: none"> <input type="checkbox"/> Accountant <input type="checkbox"/> Brokerage Clerk <input type="checkbox"/> Claims Adjuster <input type="checkbox"/> Financial Institution Manager <input type="checkbox"/> Insurance Agent <input type="checkbox"/> Investor & Adjuster <input type="checkbox"/> Loan Officer <input type="checkbox"/> Personal Property Appraiser 	<ul style="list-style-type: none"> <input type="checkbox"/> Accountant, CPA <input type="checkbox"/> Actuary <input type="checkbox"/> Auditor <input type="checkbox"/> Brokerage Clerk <input type="checkbox"/> Business & Industry Consultant <input type="checkbox"/> Controller <input type="checkbox"/> Credit Analyst <input type="checkbox"/> Credit Card Operation Manager <input type="checkbox"/> Economist <input type="checkbox"/> Financial Advisor <input type="checkbox"/> Insurance underwriter <input type="checkbox"/> Investment Advisor <input type="checkbox"/> Manager <input type="checkbox"/> Music Store Accountant <input type="checkbox"/> Real Estate Appraiser <input type="checkbox"/> School District Business Administrator <input type="checkbox"/> Stockbroker

SOME HELPFUL COURSES FOR THIS CLUSTER

<ul style="list-style-type: none"> <input type="checkbox"/> Accounting, Advanced, College <input type="checkbox"/> Business Courses <input type="checkbox"/> Current American Problems & Affairs <input type="checkbox"/> Economics <input type="checkbox"/> Consumer Economics <input type="checkbox"/> Economics/ AP Economics 	<ul style="list-style-type: none"> <input type="checkbox"/> English Courses <input type="checkbox"/> Entrepreneurship / Intro to Business Principals <input type="checkbox"/> Global Business <input type="checkbox"/> Math Courses <input type="checkbox"/> Personal & Business Recordkeeping 	<ul style="list-style-type: none"> <input type="checkbox"/> Personal & Business Law I, II, III <input type="checkbox"/> Personal Finance <input type="checkbox"/> Sports & Entertainment Mgmt. <input type="checkbox"/> World Languages
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Executing governmental functions to include governance: National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.



Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERIENCE	EARNING AN ASSOCIATE DEGREE OR POST – HIGH SCHOOL CERTIFICATION COMMUNITY OR TECHNICAL COLLEGE, APPRENTICESHIP, AND/OR EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Drivers License Examiner <input type="checkbox"/> Infantry Forces <input type="checkbox"/> License Clerk <input type="checkbox"/> Mail Carrier <input type="checkbox"/> Mail Handling Machine Operator <input type="checkbox"/> Postal Clerk 	<ul style="list-style-type: none"> <input type="checkbox"/> Accountant <input type="checkbox"/> Building Inspector <input type="checkbox"/> City Planning Aid <input type="checkbox"/> Coroner <input type="checkbox"/> Infantry Forces <input type="checkbox"/> Postmaster <input type="checkbox"/> Special Forces <input type="checkbox"/> Title Examiner <input type="checkbox"/> Transportation Inspector <input type="checkbox"/> 	<ul style="list-style-type: none"> <input type="checkbox"/> Accountant Specialist <input type="checkbox"/> Apprenticeship Consultant <input type="checkbox"/> Aviation Security Specialist <input type="checkbox"/> City Manager <input type="checkbox"/> Emergency Management Specialist <input type="checkbox"/> Equal Opportunity Specialist <input type="checkbox"/> Infantry Officer <input type="checkbox"/> Lawyer <input type="checkbox"/> Legislator <input type="checkbox"/> Occupational Health & Safety <input type="checkbox"/> Political Scientist <input type="checkbox"/> Public Utilities Manager <input type="checkbox"/> Special Operations Officer <input type="checkbox"/> Urban Planner

SOME HELPFUL COURSES FOR THIS CLUSTER

<ul style="list-style-type: none"> <input type="checkbox"/> Accounting, Advanced, College <input type="checkbox"/> Advanced Public Speaking <input type="checkbox"/> Broadcasting I & II <input type="checkbox"/> Computers for Professionals <input type="checkbox"/> Consumer Economics <input type="checkbox"/> Current American Problems & Affairs <input type="checkbox"/> DRIVEN <input type="checkbox"/> Economics / AP Economics 	<ul style="list-style-type: none"> <input type="checkbox"/> English Courses <input type="checkbox"/> Entrepreneurship / Into Business Principles <input type="checkbox"/> Global Business <input type="checkbox"/> Introduction to Business <input type="checkbox"/> Intro to Forensic Science <input type="checkbox"/> Math Courses <input type="checkbox"/> Modern American History / AP <input type="checkbox"/> Modern World History / AP 	<ul style="list-style-type: none"> <input type="checkbox"/> Personal & Business Law I, II, III <input type="checkbox"/> Principals of Building Trades <input type="checkbox"/> Social Studies Courses <input type="checkbox"/> World Languages <input type="checkbox"/> World Literature <input type="checkbox"/> AP U.S. Government
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Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.



Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERIENCE	EARNING AN ASSOCIATE DEGREE OR POST – HIGH SCHOOL CERTIFICATION COMMUNITY OR TECHNICAL COLLEGE, APPRENTICESHIP, AND/OR EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Clerk <input type="checkbox"/> Certified Nursing Assistant <input type="checkbox"/> Food Service Worker <input type="checkbox"/> Home Health Aide <input type="checkbox"/> Hospital Admitting 	<ul style="list-style-type: none"> <input type="checkbox"/> EMT/paramedic <input type="checkbox"/> Dental Assistant <input type="checkbox"/> Dental hygienist <input type="checkbox"/> Dialysis Technician <input type="checkbox"/> Home Health Aide <input type="checkbox"/> Massage Therapist <input type="checkbox"/> Medical Assistant <input type="checkbox"/> Occupational Therapy Assistant <input type="checkbox"/> Physical Therapy Aide <input type="checkbox"/> Radiology Technician <input type="checkbox"/> Registered Nurse <input type="checkbox"/> Surgical Technician <input type="checkbox"/> Translator & Interpreter <input type="checkbox"/> Ultrasound Technician 	<ul style="list-style-type: none"> <input type="checkbox"/> Athletic Trainer <input type="checkbox"/> Biochemist <input type="checkbox"/> Chiropractor <input type="checkbox"/> Dentist <input type="checkbox"/> Dietician <input type="checkbox"/> Geneticist <input type="checkbox"/> Hemotherapist <input type="checkbox"/> Musical Therapist <input type="checkbox"/> Occupational Therapist <input type="checkbox"/> Oral Surgeon <input type="checkbox"/> Nurse Practitioner <input type="checkbox"/> Pharmacist <input type="checkbox"/> Podiatrist <input type="checkbox"/> Primary Care Physician <input type="checkbox"/> Psychiatrist <input type="checkbox"/> Registered Nurse <input type="checkbox"/> Research Scientist <input type="checkbox"/> Speech Pathologist <input type="checkbox"/> Surgeon <input type="checkbox"/> Veterinarian

SOME HELPFUL COURSES FOR THIS CLUSTER

<ul style="list-style-type: none"> <input type="checkbox"/> Advanced Public Speaking <input type="checkbox"/> Anatomy & Physiology <input type="checkbox"/> Baking & Pastry Arts <input type="checkbox"/> Biotechnology <input type="checkbox"/> Broadcasting I, II <input type="checkbox"/> Intro to Culinary Arts 	<ul style="list-style-type: none"> <input type="checkbox"/> Advanced Culinary Arts <input type="checkbox"/> English Courses <input type="checkbox"/> Exercising the Brain <input type="checkbox"/> Health <input type="checkbox"/> Journalism <input type="checkbox"/> Medical Terminology <input type="checkbox"/> Music Courses <input type="checkbox"/> Math Courses <input type="checkbox"/> Principles of Human Nutrition 	<ul style="list-style-type: none"> <input type="checkbox"/> Physics <input type="checkbox"/> Psychology and / or AP <input type="checkbox"/> Science Courses <input type="checkbox"/> Sociology <input type="checkbox"/> Veterinary Science <input type="checkbox"/> World Languages <input type="checkbox"/> Zoology
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Hospitality & Tourism encompass the management, marketing and operations of restaurants and other food services, lodging, attractions, recreational events and travel related services.

Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERIENCE	EARNING AN ASSOCIATE DEGREE OR POST – HIGH SCHOOL CERTIFICATION COMMUNITY OR TECHNICAL COLLEGE, APPRENTICESHIP, AND/OR EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Bartender <input type="checkbox"/> Bellhop <input type="checkbox"/> Concierge <input type="checkbox"/> Fast Food Employee <input type="checkbox"/> Food Attendance <input type="checkbox"/> Hotel Clerk <input type="checkbox"/> Housekeeper <input type="checkbox"/> Janitor <input type="checkbox"/> Outdoor Guide <input type="checkbox"/> Short Order Cook <input type="checkbox"/> Tour Guide <input type="checkbox"/> Waiter / Waitress 	<ul style="list-style-type: none"> <input type="checkbox"/> Caterer <input type="checkbox"/> Chef <input type="checkbox"/> Club Manager <input type="checkbox"/> Conference Planner <input type="checkbox"/> Event Planner <input type="checkbox"/> Hotel Manager <input type="checkbox"/> Household Manager <input type="checkbox"/> Recreation Director <input type="checkbox"/> Restaurant Manager <input type="checkbox"/> Translator Travel Agent <input type="checkbox"/> Wedding Planner 	<ul style="list-style-type: none"> <input type="checkbox"/> Archivist <input type="checkbox"/> Brew Master <input type="checkbox"/> Coach <input type="checkbox"/> Curator <input type="checkbox"/> Historian <input type="checkbox"/> Musician’s Agent <input type="checkbox"/> Park Ranger <input type="checkbox"/> Resort Manager <input type="checkbox"/> Theater Manager <input type="checkbox"/> Zookeeper <input type="checkbox"/> Zoologist

SOME HELPFUL COURSES FOR THIS CLUSTER

<ul style="list-style-type: none"> <input type="checkbox"/> Baking & Pastry Arts <input type="checkbox"/> Business & Personal Law I, II, III <input type="checkbox"/> Intro to Culinary Arts <input type="checkbox"/> Digital Illustration <input type="checkbox"/> Drama I, II <input type="checkbox"/> Economics / AP Economics <input type="checkbox"/> English Courses <input type="checkbox"/> Environmental Science / AP 	<ul style="list-style-type: none"> <input type="checkbox"/> Entrepreneurship / introduction to Business <input type="checkbox"/> Global Business <input type="checkbox"/> Intro to Marketing <input type="checkbox"/> Math Courses <input type="checkbox"/> Wellness Education <input type="checkbox"/> Personal & Business Recordkeeping 	<ul style="list-style-type: none"> <input type="checkbox"/> Advanced Public Speaking <input type="checkbox"/> Science Courses <input type="checkbox"/> Social Studies Courses <input type="checkbox"/> Sports & Entertainment Marketing <input type="checkbox"/> Webpage Programming
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Preparing individuals for employment in career pathways that relate to families and human needs.



Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERINCE	EARNING AN ASSOCIATE DEGREE OR POST – HIGH SCHOOL CERTIFICATION COMMUNITY OR TECHNICAL COLLEGE, APPRENTICESHIP, AND/OR EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Aerobics Instructor <input type="checkbox"/> Crossing Guard <input type="checkbox"/> Home Care Worker <input type="checkbox"/> Homemaker <input type="checkbox"/> Household Cook <input type="checkbox"/> Housekeeper <input type="checkbox"/> Nanny <input type="checkbox"/> Tattoo Artist 	<ul style="list-style-type: none"> <input type="checkbox"/> Community Worker <input type="checkbox"/> Cosmetologist <input type="checkbox"/> Dry Cleaner <input type="checkbox"/> Funeral Director <input type="checkbox"/> Image Consultant <input type="checkbox"/> Massage Therapist <input type="checkbox"/> Nail Technician <input type="checkbox"/> Pet Groomer 	<ul style="list-style-type: none"> <input type="checkbox"/> Addictions Counselor <input type="checkbox"/> Career Counselor <input type="checkbox"/> Clergy <input type="checkbox"/> Dietician <input type="checkbox"/> Financial Counselor <input type="checkbox"/> Gerontologist <input type="checkbox"/> Music Therapist <input type="checkbox"/> Optician <input type="checkbox"/> School Counselor <input type="checkbox"/> Social Worker

SOME HELPFUL COURSES FOR THIS CLUSTER

<ul style="list-style-type: none"> <input type="checkbox"/> Advanced Child Development <input type="checkbox"/> Baking & Pastry Arts <input type="checkbox"/> Intro to Culinary Arts <input type="checkbox"/> Chemistry <input type="checkbox"/> Economics / AP <input type="checkbox"/> English Courses <input type="checkbox"/> Entrepreneurship / Introduction to Business 	<ul style="list-style-type: none"> <input type="checkbox"/> Exercising the Brain <input type="checkbox"/> Family & Consumer Science Courses <input type="checkbox"/> Lifetime Fitness <input type="checkbox"/> Math Courses <input type="checkbox"/> Music Courses <input type="checkbox"/> Personal Finance <input type="checkbox"/> Psychology and / or AP 	<ul style="list-style-type: none"> <input type="checkbox"/> Advanced Public Speaking <input type="checkbox"/> Science Courses <input type="checkbox"/> Social Studies Courses <input type="checkbox"/> Sociology <input type="checkbox"/> World Languages
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Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration services.

Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERINCE	EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERINCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<input type="checkbox"/> * Careers in this field require more than minimal experience or on-the-job training.	<input type="checkbox"/> Computer Support Specialist <input type="checkbox"/> Computer System Analyst <input type="checkbox"/> Recorder Engineer <input type="checkbox"/> Sound Manager <input type="checkbox"/> Tool Programmer <input type="checkbox"/> Webmaster	<input type="checkbox"/> Animator <input type="checkbox"/> Computer Engineer <input type="checkbox"/> Computer Programmer <input type="checkbox"/> Computer Security Specialist <input type="checkbox"/> Database Administrator <input type="checkbox"/> Illustrator <input type="checkbox"/> Information Scientist <input type="checkbox"/> Scientific & Engineering Programmer <input type="checkbox"/> Software Engineer <input type="checkbox"/> Video Game Designer <input type="checkbox"/> Webmaster

SOME HELPFUL COURSES FOR THIS CLUSTER

<input type="checkbox"/> Broadcasting I, II <input type="checkbox"/> Digital Illustration <input type="checkbox"/> English Courses <input type="checkbox"/> Filmmaking Courses <input type="checkbox"/> IT Essentials <input type="checkbox"/> Game Design	<input type="checkbox"/> Intro to Multimedia <input type="checkbox"/> Math Courses <input type="checkbox"/> Advanced Public Speaking <input type="checkbox"/> Computers for Professionals <input type="checkbox"/> Webpage Programming <input type="checkbox"/> Writing Courses	<input type="checkbox"/> World Languages <input type="checkbox"/> VANguard Programming Options <input type="checkbox"/>
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Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERIENCE	EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Bailiff <input type="checkbox"/> Dispatcher <input type="checkbox"/> Gunsmith <input type="checkbox"/> Lifeguard <input type="checkbox"/> Locksmith <input type="checkbox"/> Security Guard 	<ul style="list-style-type: none"> <input type="checkbox"/> Building Inspector <input type="checkbox"/> Coast Guard <input type="checkbox"/> Conservation Officer <input type="checkbox"/> Court Reporter <input type="checkbox"/> Legal Secretary <input type="checkbox"/> Park Warden <input type="checkbox"/> Police Officer <input type="checkbox"/> Private Investigator 	<ul style="list-style-type: none"> <input type="checkbox"/> Civil Litigator <input type="checkbox"/> Coroner <input type="checkbox"/> Criminal Lawyer <input type="checkbox"/> Criminologist <input type="checkbox"/> Federal Agent <input type="checkbox"/> Forensic Scientist <input type="checkbox"/> Judge <input type="checkbox"/> Lawyer <input type="checkbox"/> Paralegal <input type="checkbox"/> Probation / Parole Officer <input type="checkbox"/> Sociologist <input type="checkbox"/> Translator

SOME HELPFUL COURSES FOR THIS CLUSTER

<ul style="list-style-type: none"> <input type="checkbox"/> Anatomy & Physiology <input type="checkbox"/> Business & Personal Law <input type="checkbox"/> Chemistry <input type="checkbox"/> Current American Problems <input type="checkbox"/> English Courses <input type="checkbox"/> Environmental Science <input type="checkbox"/> Health <input type="checkbox"/> Journalism 	<ul style="list-style-type: none"> <input type="checkbox"/> Math Courses <input type="checkbox"/> Psychology and / or AP Physics <input type="checkbox"/> AP U.S. Government <input type="checkbox"/> Public Speaking Classes <input type="checkbox"/> Science Courses 	<ul style="list-style-type: none"> <input type="checkbox"/> Social Studies Courses <input type="checkbox"/> Sociology <input type="checkbox"/> World Languages
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Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERIENCE	EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Assembler <input type="checkbox"/> Cable Installer <input type="checkbox"/> Engraver <input type="checkbox"/> Foundry Worker <input type="checkbox"/> Machine Operator <input type="checkbox"/> Painter <input type="checkbox"/> Production Wood Worker <input type="checkbox"/> Welder <input type="checkbox"/> Upholsterer 	<ul style="list-style-type: none"> <input type="checkbox"/> Electrician <input type="checkbox"/> HCAC Technician <input type="checkbox"/> Industrial Machinery Mechanic <input type="checkbox"/> Manufacturing Technician <input type="checkbox"/> Millwright <input type="checkbox"/> Quality Controller <input type="checkbox"/> Pipefitter <input type="checkbox"/> Plumber <input type="checkbox"/> Welder 	<ul style="list-style-type: none"> <input type="checkbox"/> Design Engineer <input type="checkbox"/> Health & safety Engineer <input type="checkbox"/> Industrial Engineer <input type="checkbox"/> Labor Relations Manager <input type="checkbox"/> Logistician <input type="checkbox"/> Quality Control Engineer <input type="checkbox"/> Operations Manager

SOME HELPFUL COURSES FOR THIS CLUSTER

<ul style="list-style-type: none"> <input type="checkbox"/> 21st Century Engineering <input type="checkbox"/> Auto Mechanics <input type="checkbox"/> Business Courses <input type="checkbox"/> Carpentry <input type="checkbox"/> Civil Engineering & Architecture <input type="checkbox"/> English Courses <input type="checkbox"/> Exploring Tech Ed 	<ul style="list-style-type: none"> <input type="checkbox"/> Math Courses <input type="checkbox"/> Metal Fabrication <input type="checkbox"/> Power: Technology & Processes <input type="checkbox"/> Principals of Building Trades <input type="checkbox"/> Science Courses <input type="checkbox"/> Technical Education Courses <input type="checkbox"/> World Languages 	
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Planning, managing, and performing marketing activities to reach organization objectives.

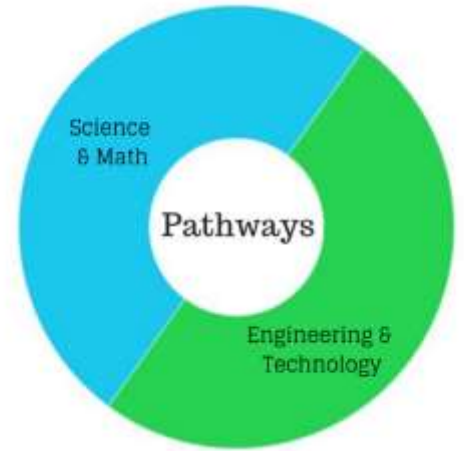


Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERIENCE	EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERIENCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Antique Dealer <input type="checkbox"/> Auto Salesperson <input type="checkbox"/> Cashier <input type="checkbox"/> Customer Service Representative <input type="checkbox"/> Fashion Retailer <input type="checkbox"/> Retail Salesperson <input type="checkbox"/> Sign Maker <input type="checkbox"/> Telemarketers <input type="checkbox"/> Travel Agent 	<ul style="list-style-type: none"> <input type="checkbox"/> Account Representative <input type="checkbox"/> Agent <input type="checkbox"/> Desktop Publisher <input type="checkbox"/> Importer /Exporter <input type="checkbox"/> Media Buyer <input type="checkbox"/> Mortgage Broker <input type="checkbox"/> Real Estate Agent <input type="checkbox"/> Webmaster <input type="checkbox"/> Web Technician 	<ul style="list-style-type: none"> <input type="checkbox"/> Advertising Copywriter <input type="checkbox"/> Appraiser <input type="checkbox"/> Association Manager <input type="checkbox"/> Logistic Specialist <input type="checkbox"/> Market Researcher <input type="checkbox"/> Marketing Specialist <input type="checkbox"/> Sales Representative <input type="checkbox"/> Sports Marketing <input type="checkbox"/> Website Design

SOME HELPFUL COURSES FOR THIS CLUSTER		
<ul style="list-style-type: none"> <input type="checkbox"/> Business & Personal Law I, II, III <input type="checkbox"/> Digital Illustration I & II <input type="checkbox"/> English Courses <input type="checkbox"/> Entrepreneurship / Intro to Business <input type="checkbox"/> It Essentials <input type="checkbox"/> Intro to Marketing <input type="checkbox"/> Intro to Multimedia <input type="checkbox"/> Math Courses <input type="checkbox"/> Personal & Business Recordkeeping 	<ul style="list-style-type: none"> <input type="checkbox"/> Personal Finance <input type="checkbox"/> Power Technology & Processes <input type="checkbox"/> Advanced Public Speaking <input type="checkbox"/> Computers for Professionals <input type="checkbox"/> Webpage Programming <input type="checkbox"/> World Languages 	



Planning, managing, and providing scientific research and professional and technical services including laboratory and testing services, and research and development services.

Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERINCE	EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERINCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Appliance Repair <input type="checkbox"/> Electronics Repair <input type="checkbox"/> Machine Repair <input type="checkbox"/> Medical Transcriptionist <input type="checkbox"/> Statistical Clerk <input type="checkbox"/> Taxidermist 	<ul style="list-style-type: none"> <input type="checkbox"/> Biological Technician <input type="checkbox"/> Chemical Technician <input type="checkbox"/> Civil Engineer Technician <input type="checkbox"/> Industrial Engineering Technician <input type="checkbox"/> Mathematical Technician <input type="checkbox"/> Mechanical Engineering Technician <input type="checkbox"/> Nuclear Technician <input type="checkbox"/> Petroleum Technician <input type="checkbox"/> Veterinary Technician 	<ul style="list-style-type: none"> <input type="checkbox"/> Biomedical Engineer <input type="checkbox"/> Civil Engineer <input type="checkbox"/> Geologist <input type="checkbox"/> Mathematician <input type="checkbox"/> Math or Science Teacher <input type="checkbox"/> Mechanical Engineer <input type="checkbox"/> Nuclear Engineer <input type="checkbox"/> Physicist <input type="checkbox"/> Statistician

SOME HELPFUL COURSES FOR THIS CLUSTER

<ul style="list-style-type: none"> <input type="checkbox"/> 21st Century Engineering <input type="checkbox"/> Biotechnology <input type="checkbox"/> English courses <input type="checkbox"/> Math Courses <input type="checkbox"/> Science Courses 	<ul style="list-style-type: none"> <input type="checkbox"/> STEM 3D Solid Modeling <input type="checkbox"/> STEM Civil Engineering & Architecture <input type="checkbox"/> STEM Intro Principals o Engineering <input type="checkbox"/> STEM Engineering Design <input type="checkbox"/> Technical Education Courses <input type="checkbox"/> World Languages 	
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Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Bureau of Labor Statistics provides career outlook [here](#).

CAREER OPTIONS

EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERINCE	EARNING ONLY A HIGH SCHOOL DIPLOMA ON-THE-JOB AND/OR MINIMAL WORK EXPERINCE	EARNING A BACHELOR, PROFESSIONAL OR HIGHER DEGREE COLLEGE AND UNIVERSITY SCHOOLING
<ul style="list-style-type: none"> <input type="checkbox"/> Bus Driver <input type="checkbox"/> Cab Driver <input type="checkbox"/> Deckhand <input type="checkbox"/> Delivery Driver <input type="checkbox"/> Highway Worker <input type="checkbox"/> Light Truck Driver <input type="checkbox"/> Shipping Clerk <input type="checkbox"/> Ticket Clerk 	<ul style="list-style-type: none"> <input type="checkbox"/> Aircraft Mechanic <input type="checkbox"/> Auto Body Technician <input type="checkbox"/> Automobile Painter <input type="checkbox"/> Cartographic Technician <input type="checkbox"/> Diesel Technician <input type="checkbox"/> Flight Attendance <input type="checkbox"/> Security Consultant <input type="checkbox"/> Travel Agent <input type="checkbox"/> 	<ul style="list-style-type: none"> <input type="checkbox"/> Airline Pilot <input type="checkbox"/> Airline Traffic Controller <input type="checkbox"/> Astronaut <input type="checkbox"/> Customs Broker <input type="checkbox"/> Facility Engineer <input type="checkbox"/> Industrial & Packaging Engineer <input type="checkbox"/> Mechanical Engineer <input type="checkbox"/> Operations Analyst <input type="checkbox"/> Public Health Sanitarian <input type="checkbox"/> Urban & Regional Planner

SOME HELPFUL COURSES FOR THIS CLUSTER		
<ul style="list-style-type: none"> <input type="checkbox"/> 21st Century Engineering <input type="checkbox"/> Biotechnology <input type="checkbox"/> Auto Courses <input type="checkbox"/> Chemistry <input type="checkbox"/> English Courses <input type="checkbox"/> Environmental Science / AP <input type="checkbox"/> Exploring Cultures Through Food <input type="checkbox"/> Global Business <input type="checkbox"/> Math Courses <input type="checkbox"/> Metals: Technology & Processes 	<ul style="list-style-type: none"> <input type="checkbox"/> Physics <input type="checkbox"/> Advanced Public Speaking <input type="checkbox"/> Science Courses <input type="checkbox"/> Small Engines <input type="checkbox"/> Social Studies Courses <input type="checkbox"/> Technical Education Courses <input type="checkbox"/> World Languages 	

CLASS OFFERINGS



Architecture, Construction, Engineering (ACE) Academy	39
Art & Design	43
Business Education	50
Career Education	56
English	59
English Language Learners	67
Family Consumer Science	68
Information Technology	72
Leadership	76
Math	77
Music	82
Science	87
Social Studies	96
STEM Science, Technology, Engineering, Math	101
Technical Education & Engineering	103
VANguard	109
Wellness Education – Brain & Health Sciences	112
World Languages	115



Burlington High School Architecture, Construction, Engineering (ACE) Academy

The *Architecture, Construction, Engineering Academy* is a multi-year program that incorporates core academic subjects with construction/trade classes, all taught by Academy teachers. Students are scheduled to take these classes together, but scheduling also allows for AP classes, band, art and other electives. *Most of the classes are also transcribed with Gateway so students may receive dual college credit if they meet Gateway requirements.*

Objectives of the Program

- To promote a partnership among the school, parents, and the Architecture, Construction, Engineering industries.
- To provide an opportunity for students to be part of a smaller, cohesive group within the school.
- To prepare students for careers within the Architecture, Construction, Engineering industries.
- To integrate core curriculum courses with industry classes.
- To offer educational experiences with construction industry personnel through job shadowing, service-learning opportunities, field trips, and guest speakers.
- To act as a link between secondary and post-secondary education.

Student Selection

- Incoming students are identified through career interest surveys and teacher recommendations.
- Architecture, Construction, Engineering Academy team members will present the program to underclassmen.
- The application process will include the following: qualifying criteria, possible student essays, teacher recommendations, G.P.A. and attendance record information. *

Benefits of the Architecture, Construction, Engineering Academy

- A small learning community eases transition from school to work.
- Students in these small learning communities work with the same cadre of teachers throughout their high school careers.
- Students are exposed to an integrated curriculum with a career field focus.
- Students gain knowledge and experience with work-based learning.
- The rigorous curriculum is connected to real-world applications.
- Academic teachers have planning time to integrate curriculum and to identify and resolve pertinent academic concerns of individual students.
- The educational experience will enhance academy students' marketability to both post-secondary institutions and to their career pathways.

***Please discuss with Tech Ed Instructors & School Counselor about your intentions to complete this program**

Architecture, Construction, Engineering Academy



All courses, including Career and Technical Education courses, Science Technology Engineering Math, and the Architecture, Construction, Engineering, Academy, are available to all students without discrimination based on sex, race, color, National origin, or disability

Course	Number	Level	Freshman	Sophomore	Junior	Senior
Fundamentals of Construction	01446	II		√	√	√
Algebra	See Math	I	√	√		
Geometry	See Math Sec.	II	√	√	√	√
Consumer Economics OR Personal Finance	01713 01224	II			√	√
Entrepreneurship/Introduction to Business Principles	01251	II			√	√
Principles of Building Trades	01448	III			√	√
Professional English	01307	II			√	√
STEM Civil Engineering & Architecture	01420	IV			√	√
Carpentry	01404	IV				√

ACE Graduates (2022 and beyond) earn two Laude points for completing requirements.

Suggested Course Pathway to complete requirements

***Graduation Requirement ** Can be Junior OR Senior year**



Freshman	<ul style="list-style-type: none"> Algebra* 	Junior	<ul style="list-style-type: none"> Consumer Economics OR Personal Finance* STEM Civil Engineering & Architecture Entrepreneurship/Intro to Business**
Sophomore	<ul style="list-style-type: none"> Fundamentals of Construction -Geometry* 	Senior	<ul style="list-style-type: none"> Professional English* Principles of Building Trades** Carpentry

CARPENTRY**01404****Level IV / (Block) Semester / 1 credit**

○ 9 ○ 10 ○ 11 ● 12

**Prerequisite: Currently enrolled in/completed Woods Fabrication OR completed Principles of Building Trades**Available to all students, **but required for students enrolled in ACE Program.**

This course is designed to provide basic instruction for the student interested in carpentry and will enable do-it-yourself persons to handle many construction jobs that they would otherwise be reluctant to undertake. Carpentry provides detailed coverage of all aspects of light frame construction; including site layout, foundations, framing, sheathing, roofing, windows and doors, exterior finish, and interior wall, floor and ceiling finish. Technological change and developments have modified the tools, machines and materials being used; therefore, careful attention will be given to new developments in the building industry. Class activities will include: working in the classroom and on a construction site, employing carpentry skills to construct a structure.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

CONSUMER ECONOMICS**01713****Level II / Semester / .5 credit**○ 9 ○ 10 ● 11 ● 12 **Prerequisite: None**

This course is for those students not going on with their schooling, directly entering the world of work, whose future schooling does not require a foundation level economic theory class, or for those students in need of training in how the consumer market place functions. Topics covered include wise consumer spending, consumer credit, personal savings, labor unions, and protection through insurance. The roles of business, labor, and government in the U.S. and world economics, and practice with the American tax system. **This class fulfills the Financial Literacy graduation requirement.**

ENTREPRENEURSHIP/ INTRODUCTION TO BUSINESS PRINCIPLES**01251****Level II / Semester / .5 credit**

○ 9 ○ 10 ● 11 ● 12

**Prerequisite: None**

This class is for those students who are interested in owning their own business in the future. Students will create a school-based enterprise incorporating target markets, product selection and development, financing, and other essential elements necessary to become a successful entrepreneur/business operator like payroll, business insurance, business contracts, business forms, and human resources.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

FUNDAMENTALS OF CONSTRUCTION**01446****Level II / Year-long / 1 credit**

○ 9 ● 10 ● 11 ● 12

**Prerequisite: Admission to Architecture, Construction, Engineering Academy**

Introduction to Architecture, Construction, Engineering Academy (ACE) enriches student's awareness of careers and employment opportunities in the construction industry. Several on-site field trips to construction sites will aid in student's knowledge of electrical workers, plumbers, roofers, carpenters, HVAC technicians, masons, heavy equipment operators and many more. ACE construction safety with an OSHA emphasis will be carried throughout the course. Students will have actual hands on experiences with stud wall construction, drywall, electrical, plumbing, and painting. Students will also understand the design and manufacturing process through the construction of customized projects.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

PERSONAL FINANCE

01224

Level II / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 Prerequisite: None



This course considers finance from the perspective of the individual or family unit. A broad range of topics in personal finance are discussed including planning and managing your personal finances, making purchasing and credit decisions, insuring assets, and investing and controlling your financial future. **This class fulfills the Financial Literacy graduation requirement.**

This course is transcripted with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

PRINCIPLES OF BUILDING TRADES

01448

Level III / (Block) Semester/ 1 credit

○ 9 ○ 10 ● 11 ● 12



Prerequisite: Fundamentals of Construction (Intro to Ace) OR with permission of instructor

Principles of Building Trades is the second level course available to students enrolled in the Architecture, Construction, Engineering Academy. In this course, students will have hands on experiences in constructing full scale wall sections, roof sections, masonry work, electrical wiring, plumbing supply, fixtures, and drainage, as well as on-site visits to residential and commercial construction projects.

It is recommended to schedule this class with Carpentry during Senior year.

This course is transcripted with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

PROFESSIONAL ENGLISH

01307

Level II / Semester / .5 credit

9 ○ 10 ● 11 ● 12 Prerequisite: English 10

Professional English is a semester course designed to prepare students for writing in the workplace. The course provides an overview of technical documents necessary for multiple professions, including the trades, architecture, and auto repair. Students will practice writing for different professional settings and will create a portfolio of necessary post-secondary work documents. *While this class counts towards high school English requirements and ACE Academy requirements, this class is not currently eligible for NCAA requirements.*

STEM CIVIL ENGINEERING & ARCHITECTURE

01420

Level IV / Year-long / 1 credit ○ 9 ○ 10 ● 11 ● 12

Prerequisite: None



A STEM course that focuses on design concepts, fundamentals of architecture and civil design, home planning, and building details. The student will design and draw a set of plans for a small single family residence, design a commercial building, do specifications, draw floor plans, wall and building sections, structural calculations, plot plans, elevations and pictorial representation. Industry leading architectural software, Revit, is utilized in this course.

This course is transcripted with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

Art & Design



2D Art	Course	Number	Level	Freshmen	Sophomore	Junior	Senior
	Crafts Around the World \$	01125A	I	√	√	√	√
	Digital Illustration I \$	01145	II	√	√	√	√
	Drawing & Painting I \$	01123	I	√	√	√	√
	Drawing II \$	01139	II	√	√	√	√
	Painting II \$	01131	II	√	√	√	√
	Photography I \$	01147	II	√	√	√	√
Photography II \$	01158	III	√	√	√	√	
3D Art	Course	Number	Level	Freshmen	Sophomore	Junior	Senior
	Ceramics/Sculpture I \$	01128	I	√	√	√	√
	Ceramics & Sculpture II \$	01129	II	√	√	√	√
	Jewelry/Metal Smithing I \$	01126	I	√	√	√	√
Stained Glass I \$	01155	II	√	√	√	√	
Multimedia	Course	Number	Level	Freshmen	Sophomore	Junior	Senior
	Introduction to Multimedia	01143	I	√	√	√	√
	Yearbook Production	01148	III	√	√	√	√
	Yearbook Business and Management	01150	III		√	√	√
	Interactive Media & Game Design	01142	III	√	√	√	√
	Filmmaking \$	01338	III		√	√	√
	Advanced Filmmaking \$	01339	IV			√	√
Filmmaking Seminar \$	01334	IV			√	√	
Advanced	Course	Number	Level	Freshmen	Sophomore	Junior	Senior
	Seminar 2-D	01151	III		√	√	√
	Seminar 3-D	01153	III		√	√	√
	AP 2D Art & Design	01140	IV			√	√
	AP Drawing	01152	IV			√	√
AP 3D Art & Design	01159	IV			√	√	

2D ART CLASSES

CRAFTS AROUND THE WORLD \$

01125A

Level I / Semester / .5 credit

• 9 • 10 • 11 • 12 Prerequisite: None

This class has been designed for the student who wants a wide variety of art making experiences. Students will be experimenting with various tools and media. The emphasis of this course is creating examples of world crafts and art appreciation. This course can be taken more than once. \$25.00 fee

DIGITAL ILLUSTRATION I \$

01145

Level II / Semester / .5 credit

• 9 • 10 • 11 • 12 Prerequisite: Intro to Multimedia OR Drawing & Painting I

Students will create a variety of print based art pieces using Adobe Creative Cloud. \$7.00 fee

DRAWING & PAINTING I \$

01123

Level I / Semester / .5 credit

• 9 • 10 • 11 • 12 Prerequisite: None Students

learn about the world of art through the study of the elements and principles of design. Students make observational and imaginative drawings, prints, and paintings while expressing ideas, collecting information, and learning to think and design creatively. \$15.00 fee

DRAWING II \$

01139

Level II / Semester / .5 credit

• 9 • 10 • 11 • 12 Prerequisite: Drawing & Painting I

This course will help students be more successful in all other art classes. New mediums such as colored pencil, scratchboard, pastel, conte crayon, charcoal, espresso pen, and different printing processes such as silk screen printing will be used. Portfolio requirements for art colleges will be developed. \$13.00 fee

PAINTING II \$

01131

Level II / Semester / .5 credit

• 9 • 10 • 11 • 12 Prerequisite: Drawing & Painting I

Students will work with color relationships and special problems while experimenting with oil paint, watercolors, acrylics, and gouache. Their creations will include developing a personal style of painting. Special techniques will help students create volume, depth illusions, and texture. \$35.00 fee

PHOTOGRAPHY I \$

01147

Level II / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: None

Students will learn basic elements and principles of design through the process of creating striking black and white photographs. Through this process, students will learn the technique to develop 35 mm film, process the negatives, and enlarge to full sized prints within the darkroom. Students will also experiment with digital photography and learn introductory Adobe Photoshop techniques to enhance and transform their digital images. **35 mm Camera is needed.** \$30.00 fee

PHOTOGRAPHY II \$

01158

Level III / Semester / .5 credit

● 9 ● 10 ● 11 ● 12



Prerequisite: Photography I with minimum of “B” or better

Students will build on the photography principle foundations formed in Photography I. Students will be issued a Canon T6 Digital SLR camera to use for the semester to help improve their photographic skills to new heights. Students will continue to discover and develop advanced Adobe Photoshop techniques to create unique works of digital art. \$30.00 fee

SEMINAR 2-D

01151

Level IV / Semester / .5 credit

(Formally Drawing III, Stained Glass II, Painting III, and Digital Illustration II)

○ 9 ● 10 ● 11 ● 12



Prerequisite: A “B” or better in Drawing II, Stained Glass I, Painting II, and/or Digital Illustration I

Seminar 2-D is the capstone class for students who have taken many art classes and want to focus on a particular area of media. The curriculum for this course is individually tailored to help the student to refine their 2-D art skills. Students working on their portfolios for an art college may wish to take this class. **Fees will match the previous prerequisite course(s).**

AP 2D ART & DESIGN

01140

Level IV / Year-long / 1 credit

○ 9 ○ 10 ● 11 ● 12



Prerequisite: A “B” or higher in Drawing III or Painting III, or Photography II or Seminar 2D or permission of an art teacher

This course follows the Advanced Placement guidelines. Students who are serious and dedicated to the pursuit of 2-D art production will use purposeful decision-making using the elements and principles of art which includes, but is not limited to, graphic design, digital imaging, photography, collage, illustration, painting, printmaking, etc. Portfolio submission for AP college credit is an option. **Students are responsible for their own unique supplies.**

AP DRAWING

01152

Level IV / Year-long / 1 credit

○ 9 ○ 10 ● 11 ● 12 Students are responsible for their own unique supplies.



Prerequisite A “B” or higher in Drawing III, or Painting III or Seminar 2D or permission of an art teacher

This course follows the Advanced Placement guidelines. Students who are serious and dedicated to the mastery of drawing with light and shade, line quality, rendering of form, composition and more can explore through drawing tools, painting, printmaking, mixed media, etc. Portfolio submission for AP college credit is an option.

3D ART CLASSES

AP 3D ART & DESIGN

01159

Level IV / Year-long / 1 credit

○ 9 ○ 10 ● 11 ● 12



Prerequisite: A “B” or higher in Ceramics/Sculpture III or Seminar 3D or permission of an art teacher

This course follows the Advanced Placement guidelines. Students who are serious and dedicated to the pursuit of 3D art production will use purposeful decision-making using the elements and principles of art, which includes, but is not limited to ceramics, metals, figurative or nonfigurative sculpture, architectural models, etc. Portfolio submission for AP college credit is an option. **Students are responsible for their own unique supplies.**

CRAFTS AROUND THE WORLD \$

01125A

Level I / Semester / .5 credit

● 9 ● 10 ● 11 ● 12

Prerequisite: None

This class has been designed for the student who wants a wide variety of art making experiences. Students will be experimenting with various tools and media. The emphasis of this course is creating examples of world crafts and art appreciation. This course can be taken more than once. \$25.00 fee

CERAMICS & SCULPTURE \$

01128

Level I / Semester / .5 credit

● 9 ● 10 ● 11 ● 12

Prerequisite: None

Students will explore the art form of ceramics through a variety of hand building techniques derived from different cultures throughout history. Hand building techniques include the pinch pot method, slab rolling, and coiling. Students will also be introduced to the pottery wheel and will be encouraged to explore the activity of wheel throwing functional pottery. \$25.00 fee

CERAMICS/SCULPTURE II \$

01129

Level II / Semester / .5 credit

● 9 ● 10 ● 11 ● 12

Prerequisite: Ceramics & Sculpture I

This course allows students to continue to explore their passion for 3-D ceramic and sculptural forms. Students will use skills acquired in Ceramics I as they approach larger and more complex tasks and assignments. This will include slab rolling, coiling, and wheel throwing. Students will also be introduced to new sculptural practices such as reductive plaster carvings. \$25.00 fee

JEWELRY & METAL SMITHING I \$

01126

Level I / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 **Prerequisite:** None

Students will learn how to properly saw sheet metal, torch solder pieces of metal together, stamp metal to create texture, and rivet different pieces of metal to create cold connections. Students will apply these acquired skills to fabricate coins, pins, pendants, and rings using semi-precious metals and stones. \$15.00 fee.

STAINED GLASS I \$

01155

Level II / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: None

This studio arts course offers a wide variety of stained glass experiences. Students will learn how to cut stained glass and assemble using the copper foil method and soldering. \$35.00 fee

SEMINAR 3-D (Formally Ceramics/Sculpture III, Jewelry

01153

Level IV / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12



Prerequisite: A "B" or better in Ceramics/Sculpture II and/or Jewelry I)

Seminar 3-D is the capstone class for students who have taken many art classes and what to focus on a particular area of media. The curriculum for this course is individually tailored to help the student to refine his/her 3-D art skills. Students working on their portfolios for an art college may wish to take this class. Fees will match the previous prerequisite course(s).

MULTIMEDIA CLASSES

DIGITAL ILLUSTRATION \$

01145

Level II / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: Intro to Multimedia OR Drawing & Painting I

Students will create a variety of print-based art pieces using Adobe Creative Cloud. \$7.00 fee

FILMMAKING \$

01338

Level III / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12



Prerequisite: None

OPTIONAL COLLEGE CREDIT (UW-Oshkosh CAPP Program):

This course can be taken for three college credits (fee required) and/or normal high school English credit (no fee). Filmmaking is an English course focusing on the roles of director, editor, sound mixer, camera operator, and producer in film production. Students will create a variety of short films in small production companies. They will use state-of-the-art editing equipment and will have the opportunity to submit their work to film festivals. Upon completing this course, students have the option of completing Advanced Filmmaking to further develop their skills. This course counts toward the four required English credits. \$10.00 fee. If taking this course for college credit, an additional fee will also be charged.

Level IV / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12

**Prerequisite: Filmmaking****OPTIONAL COLLEGE CREDIT (UW-Oshkosh CAPP Program):**

This course is an English course focusing on fiction narrative filmmaking. In addition to continuing the roles established in Filmmaking, students will explore the roles of screenwriter, casting director, assistant director, art director, and actors in film. Students will crew up into small production companies and make professional looking DVDs and websites. They will have the opportunity to submit their work to various film festivals and local theaters for viewing. Field trips to production companies and sound stages may be arranged. This course counts toward the four required English credits. Upon completing Advanced Filmmaking, students have the opportunity to make their own full length film as part of a Filmmaking Seminar independent study for additional English credit. \$10.00 fee. If taking this course for college credit, an additional fee will be charged.

FILMMAKING SEMINAR \$**01334****Level IV / Semester / .5 credit**○ 9 ○ 10 ● 11 ● 12 **Prerequisite: Advanced Filmmaking OR instructor approval**

Filmmaking Seminar is the capstone class for students who have taken the Filmmaking and Advanced Filmmaking classes. This course is the bridge course between high school and work and/or continuing education. Students will create video portfolios for future employment and film school applications. In addition, students will submit work to film festivals, universities, and/or technical colleges. Students will lay out a film career plan. \$10.00 fee

GAME DESIGN**01142****Level III / Semester / .5 credit**○ 9 ● 10 ● 11 ● 12 **Prerequisite: Intro to Computer Programming or Web Page Programming recommended**

This course teaches the foundations of creating video games in JavaScript. Students will apply the concepts of variables, conditionals, looping, functions, graphics, animation, basic data structures to create games. This is a guided, self-paced course that relies heavily on writing both short programs along with longer project based programs. Students who advance through all the standard curriculum in this course will be able to advance to some basic use of the Unity Engine.

INTRODUCTION TO MULTIMEDIA**01143****Level I / Semester / .5 credit**● 9 ● 10 ● 11 ● 12 **Prerequisite: None**

This beginning course will introduce students to the variety of multimedia technologies available at Burlington High School. Students will learn to use photo and video editing software programs. This course should provide the student with the ability to create interesting presentations for all future classes at Burlington High School.

YEARBOOK PRODUCTION**01148****Level III / Semester / .5 credit****● 9 ● 10 ● 11 ● 12 Prerequisite: C or higher in English**

The purpose of this class is to develop, write, and sell the annual yearbook. Students will use desktop publishing and photo-editing software to create attractive layouts; incorporate journalism skills such as interviewing, writing, and reporting; and create advertising campaigns. It is required for students to attend several events after school and on weekends.

YEARBOOK BUSINESS & MANAGEMENT**01150****Level III / Semester / .5 credit****○ 9 ● 10 ● 11 ● 12****Prerequisite: C or higher in English classes OR C or higher in Art or Business OR C or higher in Yearbook Production**

The yearbook course has been designed to provide students with the journalism skills and the ability to apply those skills to the actual production of the yearbook. Units of study include teamwork, responsibility, brainstorming, content, coverage, concept, reporting, writing, headlines, captions, editing, photography, typography, design, graphics, finances, yearbook campaigns, advertising and distribution. Students who complete this course will be considered for leadership roles in the production of the book the following fall term.

Business Education



Course	Number	Level	Freshman	Sophomore	Junior	Senior
Freshman Connections	01203	I	√			
Computer Skills	01204	I			√	√
Introduction to Business	01201	II	√	√	√	√
Personal and Business Record-keeping \$	01205	I	√	√	√	√
Computers for Professionals	01215	II	√	√	√	√
IT Essentials	01240	II	√	√	√	√
Intro to Web Page Programming	01507	II	√	√	√	√
Accounting \$	01208	II	√*	√	√	√
Advanced Accounting \$	01210	III		√	√	√
College Accounting \$	01212	IV			√	√
Personal Finance	01224	II			√	√
Introduction to Marketing	01228	II		√	√	√
Sports and Entertainment Management	01250	II		√	√	√
IT in Global Business	01227	II		√	√	√
Business and Personal Law I	01217	II		√	√	√
Business and Personal Law II	01221	II			√	√
Business and Personal Law III	01226	III				√
Entrepreneurship/Introduction to Business Principles	01251	II			√	√
Independent Study	01253	IV	√	√	√	√

***Upon Approval**

Business Education and Gateway Technical College

Get more out of your BHS experience by earning FREE Gateway college credit with MANY of the following classes. Look for the Gateway logo:



ACCOUNTING \$

01208

Level II / Year-long / 1 credit

● 9* ● 10 ● 11 ● 12 Prerequisite: None



***All College Business major/minors are highly encouraged to take Accounting.**

Accounting prepares students for entry-level bookkeeping and accounting positions in office and business occupations, as well as for personal use accounting. Covering the entire accounting cycle, this course is the basis for people who are interested in continuing their study in accounting or any other business field. Students are required to purchase an online workbook and a practice set while using a text and computerized accounting software. \$36.00 fee for the online workbook.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

ADVANCED ACCOUNTING S**01210****Level III / Year-long / 1 credit**

○ 9 ● 10 ● 11 ● 12

**Prerequisite: Accounting**

Advanced Accounting is a continuation of accounting. It introduces the students to the elements of partnership and corporation accounting. It covers departmentalized business, manufacturing business, computerized accounting, and other specialized accounting systems. Students will be using both a manual text as well as computerized accounting software. \$36.00 fee

COLLEGE ACCOUNTING S**01212****Level IV / Year-long / 1 credit**

○ 9 ○ 10 ○ 11 ● 12

**Prerequisite: Accounting & Advanced Accounting and recommendation of instructor**

This computer-oriented course shall include units on plant assets, intangible assets, partnerships, corporations, process and job order cost accounting, and budgeting control. \$25.00 fee

BUSINESS & PERSONAL LAW I**01217****Level II / Semester / .5 credit**

○ 9 ● 10 ● 11 ● 12

**Prerequisite: None**

Business and Personal Law I is a course designed to provide the students with an understanding of the basic principles of business law that affect American consumers, workers, and citizens in their daily relations with one another; and to provide an understanding of legal rights, privileges, and responsibilities. The course is recommended for all students regardless of their vocational plans. The subject matter covered includes criminal law, insurance, automobiles, property and its disposition before and after death, contracts and courtroom (trial) proceedings. The topic of ethics is integrated throughout the course.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

BUSINESS & PERSONAL LAW II**01221****Level II / Semester / .5 credit**○ 9 ○ 10 ● 11 ● 12 **Prerequisite: Business and Personal Law I**

Business and Personal Law II is a course designed to give interested students additional information on the principles of law that affect them in their daily lives. This course will give special emphasis to commercial and consumer law, agency, and employee law, doing business, personal law, and a deeper look into contract law. The topic of ethics and social responsibility is again emphasized throughout the course.

BUSINESS & PERSONAL LAW III**01226****Level III / Semester / .5 credit**

○ 9 ○ 10 ○ 11 ● 12

**Prerequisite: Business and Personal Law I and II**

Business and Personal Law III is a course designed to give the interested student an even further expanded study of the principles of law that affect them and businesses in their daily lives. A special emphasis is placed on legal vocabulary. Areas covered in this course will include employment law, debtor-creditor relations, business organizations and management. Ethics is further defined and integrated throughout the course.

COMPUTER SKILLS**01204****Level I / Semester / .5 credit**

○ 9 ○ 10 ● 11 ● 12

Prerequisite: None

This course is for students in grades 11-12 who have not yet taken or successfully completed Freshman Connections to obtain their computer literacy credit. Students will create a portfolio that includes career goals and articles of student performance. The class includes reviewing the touch method of keyboarding, creating, and producing research projects, business letters, tables, and presentations in both Microsoft Suite and Google Applications. The course also includes a unit focused on living online responsibly and being a good digital citizen. (Note: Transfer students in grades 10-12 should look at Computers for Professionals as a computer literacy option)

ENTREPRENEURSHIP/ INTRODUCTION TO BUSINESS PRINCIPLES**01251****Level II / Semester / .5 credit**

○ 9 ○ 10 ● 11 ● 12

**Prerequisite: None**

This class is for those students who are interested in owning their own business in the future. Students will create a school based enterprise incorporating target markets, product selection and development, financing, and other essential elements necessary to become a successful entrepreneur/business operator like payroll, business insurance, business contracts, business forms, and human resources.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

FRESHMAN CONNECTIONS**01203****Level I / Semester / .5 credit**

● 9 ○ 10 ○ 11 ○ 12

Prerequisite: None

Freshman Connections is a required course for all freshmen to obtain their computer literacy credit. Students will create a portfolio that includes career goals and articles of student performance. The class includes reviewing the touch method of keyboarding, creating, and producing research projects, business letters, tables, and presentations in both Microsoft Suite and Google Applications. The course also includes a unit focused on living online responsibly and being a good digital citizen.

INDEPENDENT STUDY**01253****Level IV / Semester / .5 credit****● 9 ● 10 ● 11 ● 12 Prerequisite: Business Education Instruction approval**

Students have the opportunity to enroll in Business Classes that are not running that semester/year. Please see a Business Education Instructor for more information.

INTRODUCTION TO BUSINESS**01201****Level II / Semester / .5 credit****● 9 ● 10 ● 11 ● 12****Prerequisite: None**

Students will be introduced to business concepts used in everyday personal and business situations.

Topics that will be covered include, but are not limited to, economics, marketing, finance, management, communication, and production. Student will also be creating a business plan.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

INTRODUCTION TO MARKETING**01228****Level II / Semester / .5 credit****○ 9 ● 10 ● 11 ● 12****Prerequisite: None**

Students will explore the seven functions of marketing. This exploration will give the students an overview of the importance of marketing in the business world as well as how it applies to them as consumers. The final project is a presentation of a **student-created product** and the seven marketing functions as it pertains to that particular product.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

IT ESSENTIALS: PC HARDWARD & SOFTWARE**01240****Level II / Semester / .5 credit****● 9 ● 10 ● 11 ● 12****Prerequisite: None**

Become a part of the Cisco Networking Academy right here at Burlington High School! Begin your journey into Cisco Career Certifications right now. IT Essentials focuses on the relationship between hardware and system software. The course topics include PCs, peripherals, networking, security troubleshooting, and communications skills. IT Essentials is an introductory course that presents a foundation toward the pursuit of the CompTIA A+ certification and will introduce you to the Cisco Networking Academy.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

IT IN GLOBAL BUSINESS**01227****Level II / Semester / .5 credit**

○ 9 ● 10 ● 11 ● 12

**Prerequisite: None**

This course is a basic introduction to Information Technology (IT) and how it impacts our lives in the global economy. It will focus on how IT professionals implement industry tools and applications in businesses throughout the world. Students will learn proper terminology as well as industry trends and concepts.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

PERSONAL AND BUSINESS RECORDKEEPING \$**01205****Level I / Semester / .5 credit**

● 9 ● 10 ● 11 ● 12

**Prerequisite: None**

This course is designed to provide the student with an understanding of business forms, procedures of personal finance, and business recordkeeping. A checkbook simulation as well as a workbook containing necessary business forms is used in conjunction with the textbook. Purchase of a workbook will be required. It is recommended that students who have taken "ACCOUNTING" **not** enroll in this course. \$25.00 fee

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all GTC's requirements and minimum grade of C (on their grading scale), you will receive college credit at the end of the course.

PERSONAL FINANCE**01224****Level II / Semester / .5 credit**

○ 9 ○ 10 ● 11 ● 12

**Prerequisite: None**

This course considers finance from the perspective of the individual or family unit. A broad range of topics in personal finance are discussed including planning and managing your personal finances, making purchasing and credit decisions, insuring assets, and investing and controlling your financial future.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

COMPUTERS FOR PROFESSIONALS

01215

Level II / Semester / .5 credit

● 9 ● 10 ● 11 ● 12



Prerequisite: None

Learn skills that are often required in business and as a college student today with Microsoft Office – the most widely used software package in the world. This course will provide a solid introduction to many applications used in the business world. These applications include Excel, Access, Word, and PowerPoint, as well as other applications found on the Internet, like the tools available from Google. This class will provide hands-on practice that will provide the student with the hardware, software, business productivity, and Internet skills that are essential to success in the world of college and career. Students also have the opportunity to take the MOS certification.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

SPORTS AND ENTERTAINMENT MANAGEMENT

01250

Level II / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12



Prerequisite: None

Students will explore all aspects required to successfully market and manage a sports or entertainment event. Students will work with events in Burlington to reinforce concepts learned in class. Topics discussed in this class include leadership, finance, production management, human resources management, legal and ethical issues, and customer relations. Group projects will require participation outside the normal school day.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

Career Education



Course	Number	Level	Freshman	Sophomore	Junior	Senior
Employability Skills	01467E	II			√	√
School-To-Work I	01467	II			√	√
School-To-Work II	01468	II			√	√

WINGS School to Work Options

<u>Employability Skills</u>	<u>School-to-Work I</u>	<u>School-to-Work II</u>
<p>Classroom component of School to Work I only.</p> <p>You may take this class if you:</p> <ul style="list-style-type: none"> • Don't currently have a job, but are looking for a job placement in order to get STW release at a later date <p style="text-align: center;"><u>OR</u></p> <ul style="list-style-type: none"> • Want STW release in a future semester 	<p>Classroom and STW release in the same semester.</p> <p>You may take this class if you:</p> <ul style="list-style-type: none"> • Have a job and would like to either arrive late to school in order to work in the morning, or leave school early to go to job <p style="text-align: center;"><u>AND</u></p> <ul style="list-style-type: none"> • Are a Junior or Senior that qualifies for STW 	<p>STW release—all classroom components have been met.</p> <p>You may take this class if you:</p> <ul style="list-style-type: none"> • Successfully completed <u>EITHER</u> Employability Skills <u>OR</u> School to Work I in a previous semester <p style="text-align: center;"><u>AND</u></p> <ul style="list-style-type: none"> • Have a job and would like to either arrive late to school in order to work in the morning, or leave school early to go to work in the afternoon <p style="text-align: center;"><u>AND</u></p> <ul style="list-style-type: none"> • Are a Junior or Senior that qualifies for STW

**** Please let the instructor and your school Counselor know which option you choose! ** Paperwork available Online**

SCHOOL-TO-WORK I**01467****OR EMPLOYABILITY SKILLS****01467E****Level II / Semester / .5 credit**

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: Juniors with 13 credits and on track to graduate. Seniors with 19 credits and on track to graduate.**

These courses will meet together and are designed for all students, whether preparing to enter the job market directly upon completion of high school, military service, vocational/technical school, or a four-year college or university.

Students enrolled in **School-to-Work I (01467)** will be participating in a supervised work study program while simultaneously participating in the classroom component of the program with Employability Skills students. Students are responsible for finding their own job that will allow the student to work during the school day and align with the parameters of the program. This program is a partnership between the student, the School-to-Work coordinator, and the work site supervisor.

Everyone will work closely together to insure that each student continues to grow socially and academically while developing practical and useful employability skills.

Students enrolled in **Employability Skills (01467E)** receive the classroom component of the School-to-Work program but without being released from school to attend work daily. Participants will receive in-class instruction along with on the job preparedness, skills, and values. Other in-class instruction topics include budgeting, resumes, interviews, goal-setting, communication, leadership, problem-solving, and soft skills reinforcement. Students will also earn the Wisconsin Employability Skills Certificate through the Wisconsin Department of Public Instruction's Employability Skills Standards Program. More information can be found at <https://dpi.wi.gov/cte/skills-standards> Upon successful completion of either School-to-Work I or Employability Skills, students are eligible for enrollment in School-to-Work II.

SCHOOL-TO-WORK II**01468****Level II / Semester / .5 credit**

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: Juniors with 13 credits and on track to graduate AND have taken School to Work I or Employability Skills. Seniors with 19 credits and on track to graduate AND have taken School to Work I or Employability Skills.**

This course is the follow up to School-to-Work I. The only difference is that School-to-Work II participants do not receive in-class instruction; rather, students will be responsible for updating their portfolio from School-to-Work I/Employability Skills as well as continue completing weekly job logs and meeting course deadlines.

*You may take this course for more than one semester.

For more information on School-to-Work, contact an instructor in Business Education or pick up an information packet in the Counseling Office.

English



	Course	Number	Level	Freshman	Sophomore	Junior	Senior
Required Classes	English 9	01302	I	√	√		
	Honors English 9	01301	II	√			
	English 10	01326	II		√	√	√
	Honors English 10	01306	II		√		
	Public Speaking	01318	II		√	√	√
	Honors Public Speaking	01308	II		√		
	Literature & Composition	01305	II			√	√
	British Literature (Honors)	01325	III			√	
Composition	ESL	01304	I	√	√	√	√
	Creative Writing	01319	II			√	√
	Journalism	01331	II	√	√	√	√
	Introduction to College English	01332	IV				√
	Professional English	01307	II			√	√
Electives	Advanced Placement English Literature	01348	IV				√
	Diversity in Literature	01350	III			√	√
	Contemporary Literature	01303	III			√	√
	Introduction to Ethnic Studies	01352	IV			√	√
	Women's Literature	01351	IV			√	√
	World Literature	01341	III			√	√
	Advanced Public Speaking	01311	III			√	√
	Broadcasting I	01313	I	√	√	√	√
	Broadcasting II	01315	II	√	√	√	√
	Drama I	01322	I	√	√	√	√
	Drama II	01330	II		√	√	√
	Filmmaking \$	01338	III		√	√	√
	Advanced Filmmaking \$	01339	IV		√	√	√
Filmmaking Seminar \$	01334	IV			√	√	

English Course Pathways



Placement for Freshman year will be determined by 8th grade teachers/school counselors:

Path #1			
Grade 9 English 9	Grade 10 English 10 & Public Speaking	Grade 11 Literature & Composition	Grade 12 English Electives *
Path #2			
Grade 9 Honors English 9	Grade 10 Honors English 10 & Honors Public Speaking	Grade 11 Honors British Literature	Grade 12 AP English Literature & Composition

Teacher/school counselor recommendation will be required to take British Literature.

***If not taking AP English Literature & Composition, college bound students are encouraged to take Introduction to College English during their senior year as one of the two required English electives. In addition, be aware that some English courses may be viewed as electives by the college/university versus English entrance requirements. Check with your school counselor when choosing classes.**

ENGLISH DEPARTMENT GRADUATION REQUIREMENTS

The English graduation requirement of four credits may be fulfilled in either of two courses of study.

The Comprehensive course of study is for most students and consists of a variety of courses which will enable a BHS graduate to read, analyze, write, and speak English in a wide range of situations.

The Advanced Placement course of study is designed for students who wish to receive college-level instruction during high school.

Students wishing to bypass prerequisites for courses must have the consent of the instructor and Department Chair approval. Students who wish to take courses out of grade level must have the consent of the instructor and Department Chair approval.

Burlington High School English Classes



	Required Classes	Possible Electives
Freshman Year	English 9 – 1 credit OR Honors English 9 – 1 credit	Journalism, Broadcasting I, Broadcasting II, Drama I
Sophomore Year	English 10 - .5 credit AND Public Speaking - .5 credit OR Honors English 10 - .5 credit AND Honors Public Speaking –.5 credit <i>These courses should be taken consecutively but not concurrently.</i>	Journalism, Broadcasting I, Broadcasting II, Drama I, Drama II, Filmmaking
Junior Year	Literature & Composition– 1 credit OR Honors British Literature – 1 credit (If planning on taking AP English)	Creative Writing, Journalism, Drama I, Drama II, Filmmaking I, Filmmaking II, Diversity in Literature, Women’s Literature, World Literature, Contemporary Literature, Advanced Public Speaking, Professional English, Broadcasting I, Broadcasting II
Senior Year	Two Electives - .5 credit each OR AP English – 1 credit	Creative Writing, Journalism, Drama I, Drama II, Filmmaking I, Filmmaking II, Women’s Literature, World Literature, Intro to College English, Intro to Ethnic Studies, Contemporary Literature, Advanced Public Speaking, Professional English, Broadcasting I, Broadcasting II

REQUIRED COURSES

ENGLISH 9

01302

Level I / Year-long / 1 credit

● 9 ○ 10 ○ 11 ○ 12 **Prerequisite: None**

This course for freshmen focuses on building a foundation for long-term English study. The aims are to acquaint students with concepts, tools, and terminology necessary for a comprehensive study of our language. Students will read and analyze literature, participate in speech activities, and engage in the writing process. Some emphasis will be given to mechanics and usage competency.

HONORS ENGLISH 9

01301

Level II / Year-long / 1 credit

● 9 ○ 10 ○ 11 ○ 12 **Prerequisite: 8th Grade English Teacher recommendation**

This course, like the Standard English 9, functions to create a strong foundation for long-term success in literary analysis, reading comprehension, and writing. Students will gain exposure to various genres of literature, studying both classic and contemporary writers. This course will dive into short stories, novels, plays, poetry, general writing structure, reading comprehension strategies, literary analysis, research, analytical/argumentative writing, and impromptu writing. This course will move more quickly and will typically go into greater depth than the standard English 9 course.

ENGLISH 10

01326

Level II / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12

Prerequisite: None

English 10 is a semester-long course that continues to build on the skills developed in English 9. Students will strengthen reading skills through exposure to a variety of text structures. English 10 focuses on non-fiction writing, with special emphasis in the formal essay format. Therefore, a variety of papers, from impromptu topics to polished formal essays, will be completed throughout this course. *If you request English 10 (01326), you must also request Public Speaking (01318).*

HONORS ENGLISH 10

01306

Level II / Semester / .5 credit

○ 9 ● 10 ○ 11 ○ 12 **Prerequisite: Honors English 9 or consent of department**

Like the standard English 10 course, this class introduces students to expository writing. Students will incorporate different techniques to create formal persuasive writing, research, and various types of analysis. Students will engage in development of vocabulary and grammar skills. This course will focus more heavily on analysis than the general English 10 course and will move at a faster pace. *If you request Honors English 10 (01306), you must also request Honors Public Speaking (01308)*

PUBLIC SPEAKING**01318****Level II / Semester / .5 credit**○ 9 ● 10 ● 11 ● 12 **Prerequisite: None**

The student is given the opportunity to select, prepare, practice, and deliver entertaining, informative, and persuasive speeches. Impromptu speaking and informal speech activities hone the student's skills. Speakers develop further through evaluating and observing peers and using video models. In addition to work on presentation skills, students develop proficiency in structuring outlines and employing rhetorical devices. Required speeches may be selected from the following: informative, demonstration, entertainment/narrative, special occasion, and persuasive. This course comprises one half of the 10th grade English requirement.

If you request Public Speaking (01318), you must also request English 10 (01326).

HONORS PUBLIC SPEAKING**01308****Level II / Semester / .5 credit**○ 9 ● 10 ○ 11 ○ 12 **Prerequisite: Honors English 9 (formerly Honors English Foundations) or consent of department**

While this course is similar to the standard public speaking course, it will move at an accelerated pace with greater emphasis on analysis. The student will be challenged to select, prepare, practice, and deliver engaging informative and persuasive speeches. The student will exhibit an understanding of communication theory and analyze historically significant rhetorical models, while applying the tools of professional rhetoric to his/her own speeches. Impromptu and informal speech activities will also hone the student's speech skills. Speakers will develop their presentational abilities further through peer evaluation, audience participation and multi-media models. In addition to presentations, students will also develop proficiency in structuring outlines and employing professional language throughout their speechwriting. Required speeches include informative, demonstration, vocal variety, job interview, special occasion, and persuasive. Additional speeches may include introduction, film review, narrative performance, or formal debate. *If you request Honors Public Speaking (01308), you must also request Honors English 10 (01306).*

BRITISH LITERATURE (HONORS)**01325****Level III / Year-long / 1 credit** ○ 9 ○ 10 ● 11 ○ 12**Prerequisite: Honors English 10 or consent of department**

The first part of this junior-level honors course is a chronological study of British writings from the earliest examples through the eighteenth century. The second part of this course continues the study of British writings with emphasis placed on the development of the novel in the nineteenth and twentieth centuries as well as on the poetry of the Romantic Period. This course is required for Advanced Placement students.

LITERATURE & COMPOSITION**01305****Level III / Year-long / 1 credit** ○ 9 ○ 10 ● 11 ● 12**Prerequisite: None**

This course is designed to help students develop skills and knowledge in reading and writing in order to become college and career ready through curriculum including the ACT English, Reading, and Writing standards. Students are also required, within standards, to demonstrate ongoing speaking and listening standards through participation including, but not limited to, whole and small group discussion and presentations. Students will work with reading and analyzing a wide variety of texts and genres, both fiction and non-fiction. Students will also improve writing skills, grammar, and vocabulary. Thematic units may include: Relationships and Power, Identity, Mental Health, Freedom and Dreams, Issues in Society, Relationships, and Mental Health and Wellness.

This course is required for all students, except those who plan on taking Advanced Placement English during their senior year, and therefore should take British Literature instead of this course.

COMPOSITION ELECTIVES

CREATIVE WRITING

01319

Level II / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: English 10**

This course introduces students to the creative process and writing techniques in a variety of genres and creative writing styles. Students will focus on building short narratives, children's literature, poetry, and reflective writing. The course will finish with a passion project based on student interest and the skills they have gained throughout the class. Throughout Creative Writing, students will gain an understanding of the creative process, as well as more comfort participating with peers and shaping their work based on constructive criticism. This class is meant to give an opportunity for creativity to students who are passionate about writing, or those who would like to begin but do not know where to start.

JOURNALISM

01331

Level II / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 **Prerequisite: None**

The emphasis of this course is for students to acquire the writing, interviewing, and editing skills and techniques necessary to create a variety of news articles, such as hard news, feature stories, opinion columns, and reviews. Students will write factual news stories based on research and interviews they conduct. Articles created will include hard news, academic stories, sports, and feature stories. Students will also evaluate sources, critique news, and study the laws, rules, and ethics in the standard practice of journalism today. Readings will include current events in news and a nonfiction book based on a reporter's experience *Note: Freshmen may take this course, but because of the difficulty of the class, enrollment is limited.*

INTRODUCTION TO COLLEGE ENGLISH

01332

Level IV / Semester / .5 credit

○ 9 ○ 10 ○ 11 ● 12



Prerequisite: English 10 or Honors English 10 and Literature and Composition or Honors British Literature. *This course is recommended for College Bound students not taking AP Literature

Introduction to College English is a course for upperclassmen who desire to acquire writing skills that will be important for success in college. A wide assortment of essays and research papers with proper formatting are among the tasks that students in this class will be expected to learn and demonstrate. This class is meant to give students the experience of college-level work and discussion.

PROFESSIONAL ENGLISH

01307

Level II / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: English 10 *This course is a requirement for students completing the ACE Program.**

Professional English is designed to prepare students for writing in the workplace. The course provides an overview of technical documents necessary for multiple professions, including the trades. Students will practice writing for different professional settings and will create various important post-secondary work documents. *While this class counts towards high school English requirements and ACE Academy requirements, this class is not currently eligible for NCAA requirements.*

SPEECH AND MEDIA ELECTIVES

BROADCASTING I

01313

Level I / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: None

OPTIONAL COLLEGE CREDIT (UW-Oshkosh CAPP Program)



This course can be taken for 3 college credits (extra fee required) and/or a normal high school elective credit (no fee).

This course combines learning about radio operations (programming, sales, engineering, etc.) with hands on projects at 89.1 WBSD, one of only two radio stations that is part of a school district in Wisconsin. Students will get an opportunity to be radio deejays, create commercials, and develop their own virtual radio station. In passing the final exam, students are certified to work on the air at 89.1 WBSD radio and can be paid through the school to work program. ***This course counts as an elective, not part of the four credits for English requirement.***

BROADCASTING II

01315

Level II / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: None

Broadcasting II introduces the student to the various production aspects of the industry. Students will learn how to use broadcast equipment, make radio commercials, prepare disc jockey programs, and demonstrate proficiency in using the various technical tools necessary to perform radio production. Each student will be expected to perform some type of weekly task on WBSD-FM, the BHS student-operated radio station, and each student should have at least one study hall or one free hour before or after school each week available for assignment preparation and practice in the WBSD facilities. ***This course may be used to fulfill the English department speech elective requirement; however, it does not count as an English credit for most four-year colleges.***

DRAMA I

01322

Level I / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: None

Students will learn acting and performance techniques with an emphasis on vocalization and improvisation. The course allows students the opportunity to experience unique and varied script writing assignments, while also requiring them to attain a basic performance skill level through acting.

DRAMA II (Odd years)

01330

Level II / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12 Prerequisite: Drama I or consent of department

This course is designed to develop acting and performance techniques, including an emphasis on vocalization, physicality, and improvisation. The course features unique script writing assignments, while also requiring students to attain an advanced performance skill level through acting.

FILMMAKING \$**01338****Level III / Semester / .5 credit**

○ 9 ● 10 ● 11 ● 12

**Prerequisite: None**

OPTIONAL COLLEGE CREDIT (UW-Oshkosh CAPP Program): Filmmaking is an English course focusing on the roles of director, editor, sound mixer, camera operator, and producer in film production. Students will create a variety of short films in small production companies. They will use state-of-the-art editing equipment and will have the opportunity to submit their work to film festivals. Upon completing this course, students have the option of completing Advanced Filmmaking to further develop their skills. This course counts toward the four required English credits. \$10.00 fee. If taking this course for college credit, an extra fee will also be charged.

ADVANCED FILMMAKING \$**01339****Level IV / Semester / .5 credit**

○ 9 ● 10 ● 11 ● 12

**Prerequisite: Filmmaking or Instructor Approval****OPTIONAL COLLEGE CREDIT (UW-Oshkosh CAPP Program):**

This course is an English course focusing on fiction narrative filmmaking. In addition to continuing the roles established in Filmmaking, students will explore the roles of screenwriter, casting director, assistant director, art director, and actors in film. Students will crew up into small production companies and make professional looking DVDs and websites. They will have the opportunity to submit their work to various film festivals and local theaters for viewing. Field trips to production companies and sound stages may be arranged. This course counts toward the four required English credits. Upon completing Advanced Filmmaking, students have the opportunity to make their own full length film as part of a Filmmaking Seminar independent study for additional English credit. \$10.00 fee. If taking this course for college credit, an extra fee will be charged.

FILMMAKING SEMINAR**01334****Level IV / Semester / .5 credit**○ 9 ○ 10 ● 11 ● 12 **Prerequisite: Advanced Filmmaking or instructor approval**

Filmmaking Seminar is the capstone class for students who have taken the Filmmaking and Advanced Filmmaking classes. This course is the bridge course between high school and work and/or continuing education. Students will create video portfolios for future employment and film school applications. In addition, students will submit work to film festivals, universities, and/or technical colleges. Students will lay out a film career plan.

ADVANCED PUBLIC SPEAKING**01311****Level III / Semester / .5 credit**

○ 9 ○ 10 ● 11 ● 12

**Prerequisite: Public Speaking or Honors Public Speaking****OPTIONAL COLLEGE CREDIT (UW-Oshkosh CAPP Program):**

This course can be taken for 3 college credits (fee required) and/or a normal high school English credit (no fee).

This course is designed to prepare students for professional speech opportunities in their future academic endeavors as well as the working world. Students will engage in a variety of speech settings (e.g., press conference, oral interpretation, public address, employment interviews, debate) and effectively author their own speeches. Students will work to advance their own knowledge and speech skill through critical analysis, listening activities, constructive criticism, and performance. If taking this course for college credit, a fee will be charged.

LITERATURE ELECTIVES

ADVANCED PLACEMENT ENGLISH

01348

Level IV / Year-long / 1 credit

○ 9 ○ 10 ○ 11 ● 12



Prerequisite: English Literature/ Teacher Recommendation

OPTIONAL COLLEGE CREDIT (UW-Whitewater PIE)

This course can be taken for three college credits (fee required) and/or normal high school English credit (no fee). This year-long course is taught on the level of a college literature seminar. Students read and analyze an array of novels, poetry and short prose works. Throughout the course, emphasis is placed on essay writing, both formal and impromptu. The first semester concentrates on American writings; the second, on English and world literature and on poetry. Students will work to prepare for the Advanced Placement Exam in Literature and Composition and will be provided with a foundation for college literature and composition classes.

Burlington High School has a special agreement with UW-Whitewater to offer college classes to our high school students through the *Partners in Education* (PIE) program. The class follows UW-Whitewater curriculum but is taught by a UWW approved Burlington high school teacher. Students can earn both high school credit and UW-Whitewater credits for these classes. Students will earn a UW-Whitewater transcript that can be used at other colleges besides UW-Whitewater. If taken for college credit, there is an extra \$300 fee (which may vary based on state legislation).

DIVERSITY IN LITERATURE

01350

Level III / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: English 10 or consent of department (formerly African American Literature)**

This course features predominantly contemporary literature by non-white authors. Students will be given choice in their selections of a fiction text, non-fiction text, graphic novel, and poetry or music unit. Each reading will involve some individual and group discussion along with a paper or project that asks students to connect to, evaluate, and analyze their reading.

CONTEMPORARY LITERATURE

01303

Level III / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: English 10 or consent of department**

This semester course is designed to expose students to literature that is written for young adults and concentrates on teen-related issues. The mature thematic elements should enable readers to increase their understanding of their own environment, as well as their understanding of more universal themes within the real world. Students should expect to read both in and out of class, and books may be read as a class, in small groups, or independently. Students will strengthen skills in selecting textual evidence to support ideas and formatting and citing sources using MLA 8 practice

INTRODUCTION TO ETHNIC STUDIES

01352

Level IV / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12



Introduction to Ethnic Studies is a thematic and comparative approach to the culture of the United States, focusing on the diverse groups that comprise our country. In this General Education course, we will study these multi-cultural perspectives in society within the construct of race, ethnicity, gender, and class through non-fiction texts, historical novels, contemporary literature, documentaries, news articles, poetry, and short stories. Along with adding knowledge of diversity in the United States, will be an understanding of how this has shaped our country. This is a dual credit General Ed course through U.W. Parkside/Level 4.

WOMEN'S LITERATURE

01351

Level IV / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: English 10 or consent of department**

This is a reading and writing intensive course, in which students will read and analyze contemporary and historical female authors in order to understand their perspectives in a wide variety of texts including novels, research, news articles, autobiography, film, non-fiction essays, and poetry. The course focuses on women's issues and how they continue to affect the literature that women create. Students are required to make connections and evaluations of how issues such as mental health, eating disorders, sexual assault, and body image influenced the past as well as how they continue to impact women in today's society. Other topics also analyzed are how women are portrayed in the media, women's suffrage, and women's rights around the world.

WORLD LITERATURE**01341****Level III / Semester / .5 credit****○ 9 ○ 10 ● 11 ● 12 Prerequisite: English 10 or consent of department**

This course offers a study of literary history and non-English translations of literature from both classics and contemporary texts. Students will read about origin myths, Greek Mythology, The Iliad, Dante's Inferno, and a variety of other literature from the past and present from countries around the world. Through the lens of exploring cultural values and ideas, students will cite evidence, reflect upon, and analyze a variety of texts such as African folktales and stories, epic poems, novels, and plays. Students will write literary analysis essays, create presentations and projects, as well as participate in discussions throughout the semester-long course.

English Language Learners*English Language Learners Pathways:*

The point of entry for English Language Learners will be determined by a student's level of proficiency in English entering BHS, either as demonstrated by a need for intervention in earlier grades or standardized assessments upon enrollment at BHS.

Vías de Estudiantes ELL:

El punto de entrada para los estudiantes ELL será determinado por el nivel de competencia del estudiante en Inglés antes de entrar en BHS. Se la demuestra la necesidad de la intervención en los grados anteriores o evaluaciones estandarizadas en BHS.

FOUNDATIONS FOR ENGLISH LEARNERS**01304****Level I / Year-long / 1 credit****● 9 ● 10 ● 11 ● 12****Prerequisite: Teacher/ School Counselor recommendation required**

This course is offered to students who are learning the English language. Eligible students are those who test at the minimal or basic English proficiency level. The ELL interventionist and the Counseling Department determine eligibility. ESL is a preparation course for studying, speaking, and using English in all aspects of students' lives. It focuses on basic reading, writing, speaking, and listening skills in English. Students receive direct instruction in American English grammar, syntax, and usage. A special focus is made on acquiring skills needed in the English departmental curriculum.

FUNDAMENTOS DE INGLÉS**01304****Level I / Year-long / 1 credit****● 9 ● 10 ● 11 ● 12****Prerequisite: Teacher/School Counselor recommendation required**

Esta clase de gramática y literatura en Inglés se ofrece a los alumnos que están aprendiendo el Inglés como Segundo idioma. Los alumnos con un nivel mínimo o básico en Inglés son candidatos para tomar esta clase. El coordinador de Inglés como Segundo Idioma y el Departamento de Consejeros determinarán si un estudiante califica para participar en esta clase.

Esta clase se enfoca en el desarrollo de destrezas básicas como lectura, escritura, comunicación y comprensión auditiva en inglés. Los estudiantes reciben instrucción directa en gramática, sintaxis y cultura de los Estados Unidos. Se dá énfasis a la adquisición del inglés necesario para tener éxito en las clases.

Family & Consumer Science



Course	Number	Level	Freshman	Sophomore	Junior	Senior
Intro to Culinary Arts*	01177	I	√	√	√	√
Exploring Cultures Through Food	01176	II	√	√	√	√
Baking and Pastry Arts	01179	III		√	√	√
Principles of Human Nutrition	01174	III		√	√	√
Advanced Culinary Arts	01172	IV		√	√	√
Housing & Interior Design	01183	II	√	√	√	√
Fashion and Design	01192	II		√	√	√
Advanced Child Development Strategies	01191	IV			√	√
Family & Consumer Science Seminar	01171	III			√	√

****Intro to Culinary Arts is a prerequisite for most other cooking classes***

Our Family and Consumer Science classes offer a basic foundation for life at home and in the workplace. Students considering any of the careers listed may want to start by taking one of our related courses.

Advanced Child Development Strategies

Playground director; teacher's aide; school food service worker; scout leader; recreational leader; teacher; designer of children's clothing, furniture, or toys; writer of children's books, stories, or games; child care center or nursery school administrator; child welfare worker; pediatrics

Intro to Culinary Arts, Culinary Arts, Principals of Human Nutrition, Exploring Culture Through Food, Baking and

Pastry Arts

Dietitian's helper; food service manager; restaurant manager; food purchaser; sanitation supervisor; quality control supervisor; pastry and dessert chef; chef or chief cook; baker; restaurant owner; demonstrator; dietitian; executive chef; sales manager; marketing executive; advertising manager; caterer; editor or writer; food technologist; nutritionist; product developer; food stylist

Fashion and Design

Fashion designer or assistant designer, sketching employees, pattern maker, sample maker, sewing machine operator, alteration handler, product manager, piece goods buyer, showroom salesperson, costing engineer, quality control engineer, outside sales representatives, market research employees, retail buyers, personal shopper, comparison shopper, fashion director, merchandise manager, display director, advertising director, fashion photographer, fashion writer, textile designer, textile research scientist.

Housing & Interior Design

Drapery/slipcover maker; designer's assistant; upholstery and carpet cleaner; appliance/furnishings salesperson; home lighting designer; real estate agent; textile designer; kitchen designer; home furnishings advisor; home furnishing editor; home furnishings buyer; interior designer; merchandising specialist; home service director; public housing consultant; home planning specialist

CHILD DEVELOPMENT CLASSES

ADVANCED CHILD DEVELOPMENT STRATEGIES

01191

Level IV / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 Prerequisite: None



This curriculum provides students with knowledge about the physical, mental, emotional, and social growth and development of children from birth through school-age children. Main topics include the fundamentals of working with infants, toddlers, and school-age children, various learning theories, development of activities, operations of childcare centers, recognition of childhood diseases, abuse, and neglect. This course provides students with weekly observations at the local elementary schools in the district. The student must be at least 17 years old and able to provide transportation (or ride share) to the elementary schools within the district.

FAMILY AND CONSUMER SCIENCE SEMINAR

01171

Level III / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 Prerequisite: Intro to Culinary Arts, Housing & Interior design, & Advanced Child Development Strategies

This course provides advanced students the opportunity to further their skills in the Family and Consumer Science area. Interested students may be considering a career in the area or a related field. This will be a project-based course where students taking this course must be highly motivated and able to work independently.

CULINARY ARTS CLASSES

INTRO TO CULINARY ARTS

01177

Level I / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: None

This is a prerequisite for all other culinary classes.

This course is designed for students who want to learn basic cooking techniques and basic principles of food preparation. Areas of study include food safety and sanitation, measurements and equipment, fruits, vegetables, quick breads, dairy and cheese and touches on international foods. Lab practicum will make up much of the class incorporating hands-on approach. You must take this course before taking most other cooking classes and in some cases earn an A or B in the course.

BAKING AND PASTRY ARTS (Odd years)

01179

Level III / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12 (Offered Odd Years Only, e.g., 2022-2023) Prerequisite: B- or higher in Intro to Culinary Arts

This is a course for students who want to learn more about the principles of preparing baked goods and pastries and the baking industry. The class will study modern baking methods and equipment as well as topics including yeast breads, quick breads, laminated doughs, cookies, cakes, and cake decorating. This is a hands-on class with food labs used as a practical application of techniques learned

ADVANCED CULINARY ARTS (Even Years)**01172****Level IV / Semester / .5 credit**

○ 9 ● 10 ● 11 ● 12 (Offered Even Years Only, e.g., 2021-2022)

**Prerequisite: B- or higher in Intro to Culinary Arts**

Culinary Arts is open to the student who wants to pursue a career in areas of food science, food service or nutrition. The course includes units on nutrition, meal planning, management of time and equipment, proper measurement techniques, uses and care of equipment, sanitary practices, safety rules and food cookery. As the term progresses, the students will study wise consumer practices, government regulations, time and money management, menu planning, meal service, restaurant management, and further principles of food preparation.

EXPLORING CULTURES THROUGH FOOD**01176****Level II / Semester / .5 credit**● 9 ● 10 ● 11 ● 12 **Prerequisite: Intro to Culinary Arts**

This is a class for students with an open mind and willingness to taste and prepare many different types of foods. You must be curious about different cultures, and people around the world as well as the United States. Students must be independent thinkers and able to undertake an individual project. Students must be able and willing to work well with fellow classmates. If you like only McDonald's, Wendy's, or Taco Bell, this is not the class for you. Foreign and regional cookery will be studied. Students will learn to use specialty foods and cookware. It is essential for students to become aware and also appreciate the history, customs, and people studied.

PRINCIPLES OF HUMAN NUTRITION**01174****Level III / Semester / .5 credit**○ 9 ● 10 ● 11 ● 12 **Prerequisite: None**

Principles of Human Nutrition is a class designed to increase student knowledge on topics relating to nutrition. The class will cover topics including the major macro and micronutrients and their functions, food labels, diets, common nutrition myths, MyPlate and portion size, healthy substitutions in cooking, the role of diet in the development of chronic diseases, and the necessary changes in a person's diet at various stages in the life cycle. Although food preparation is not a primary goal of this class, cooking will occasionally be incorporated so that students can learn how to prepare healthy and delicious meals and snacks.

FAMILY AND CONSUMER SCIENCE SEMINAR**01171****Level III / Semester / .5 credit**○ 9 ○ 10 ● 11 ● 12 **Prerequisite: Intro to Culinary Arts, Housing & Interior design, & Advanced Child Development Strategies**

This course provides advanced students the opportunity to further their skills in the Family and Consumer Science area. Interested students may be considering a career in the area or a related field. This will be a project-based course where students taking this course must be highly motivated and able to work independently.

DESIGN CLASSES

FASHION AND DESIGN

01192

Level II / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12 Prerequisite: None

This course is designed for students interested in clothing, fashion, and apparel. Course topics include clothing care and construction, history and development of fashion, clothing styles and parts, promotion, retailing, and merchandising of fashion and apparel, and careers related to the fashion and apparel industry. In this course, student will learn how to operate a sewing machine and use other essential sewing tools in order to choose and complete projects that fit course requirements as well as student abilities. Students will be responsible for purchasing their own fabric, patterns, and materials.

HOUSING & INTERIOR DESIGN

01183

Level II / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: None

This is a project-based class designed to give students the basic understanding to make wise housing decisions and create comfortable and aesthetically pleasing living spaces. Projects will be integrated throughout the course to provide application of topics covered including housing needs and wants, “green” building, architectural styles and features, floor plans, furniture arrangement and selection, materials, elements and principles of design, lighting design, and universe design.

FAMILY AND CONSUMER SCIENCE SEMINAR

01171

Level III / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 Prerequisite: Intro to Culinary Arts, Housing & Interior design, & Advanced Child Development Strategies

This course provides advanced students the opportunity to further their skills in the Family and Consumer Science area. Interested students may be considering a career in the area or a related field. This will be a project-based course where students taking this course must be highly motivated and able to work independently.

Information Technology



Course	Number	Level	Freshman	Sophomore	Junior	Senior
Introduction to Multimedia	01143	I	√	√	√	√
Web Page Programming	01507	II	√	√	√	√
Computers for Professionals	01215	II	√	√	√	√
Game Design	01142	III	√	√	√	√
IT Essentials	01240	II		√	√	√
Computer Programming, I	01512	II		√	√	√
Computer Programming II	01513	III		√	√	√
AP Computer Science Principles	01511	IV		√	√	√
Digital Illustration I \$	01145	II	√	√	√	√
Digital Illustration II \$	01146	III		√	√	√
Yearbook Production	01148	III	√	√	√	√
Yearbook Business & Management	01150	III		√	√	√
Photography II \$	01158	III	√	√	√	√
Filmmaking \$	01338	III		√	√	√
Advanced Filmmaking \$	01339	IV		√	√	√
Filmmaking Seminar \$	01334	IV			√	√

COMPUTER PROGRAMMING I

01512

Level II / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12 **Prerequisite: Algebra (B or higher recommended)**

This course is an introduction to Computer Science using the language of Python. It teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem solving skills. Students will be exposed to topics including variables, console interaction, conditionals, looping, functions, exceptions, strings, creating, and altering and extending data structures. Advanced students will begin an introduction to classes and objects, which is a focus of Computer Programming II. This is a guided, self-paced course that relies heavily on writing both short programs along with longer project-based programs.

COMPUTER PROGRAMMING II

01513

Level III / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12 **Prerequisite: Computer Programming I**

This course is a continuation of Computer Programming I using the language of Python focusing on going deeper into specific topics especially where it applies to classes and objects working with files and working with data. This course will be more project-based and students will have the opportunity to explore using Python in several applications.

AP COMPUTER SCIENCE PRINCIPLES**01511****Level IV / Year-long / 1 credit**

○ 9 ● 10 ● 11 ● 12

**Prerequisite: Algebra 1.**

AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

DIGITAL ILLUSTRATION I \$**01145****Level II / Semester / .5 credit**● 9 ● 10 ● 11 ● 12 **Prerequisite: Intro to Multimedia OR Drawing & Painting I**

Students will create a variety of print based art pieces, including a digital painting, an illustration, a graphic design publication, and a CD design. Students make a digital portfolio as a final activity. \$7.00 fee

FILMMAKING \$**01338****Level III / Semester / .5 credit**

○ 9 ● 10 ● 11 ● 12

**Prerequisite: None****OPTIONAL COLLEGE CREDIT (UW-Oshkosh CAPP Program):**

This course can be taken for three college credits (extra fee required) and/or normal high school English credit. Filmmaking is an English course focusing on the roles of director, editor, sound mixer, camera operator, and producer in film production. Students will create a variety of short films in small production companies. They will use state-of-the-art editing equipment and will have the opportunity to submit their work to film festivals. Upon completing this course, students have the option of completing Advanced Filmmaking to further develop their skills. This course counts toward the four required English credits. \$10.00 fee.

ADVANCED FILMMAKING \$**01339****Level IV / Semester / .5 credit**

○ 9 ● 10 ● 11 ● 12

**Prerequisite: Filmmaking or Instructor Approved****OPTIONAL COLLEGE CREDIT (UW-Oshkosh CAPP Program):**

This course is an English course focusing on fiction narrative filmmaking. In addition to continuing the roles established in Filmmaking, students will explore the roles of screenwriter, casting director, assistant director, art director, and actors in film. Students will crew up into small production companies and make professional looking DVDs and websites. They will have the opportunity to submit their work to various film festivals and local theaters for viewing. Field trips to production companies and sound stages may be arranged. This course counts toward the four required English credits. Upon completing Advanced Filmmaking, students have the opportunity to make their own full length film as part of a Filmmaking Seminar independent study for additional English credit. \$10.00 fee. If taking this course for college credit, an extra fee will be charged.

FILMMAKING SEMINAR**01334****Level IV / Semester / .5 credit****○ 9 ○ 10 ● 11 ● 12 Prerequisite: Advanced Filmmaking or instructor approval**

Filmmaking Seminar is the capstone class for students who have taken the Filmmaking and Advanced Filmmaking classes. This course is the bridge course between high school and work and/or continuing education. Students will create video portfolios for future employment and film school applications. In addition, students will submit work to film festivals, universities, and/or technical colleges. Students will lay out a film career plan.

GAME DESIGN**01142****Level III / Semester / .5 credit****● 9 ● 10 ● 11 ● 12 Prerequisite: Intro to Computer Programming or Web Page Programming recommended.**

This course teaches the foundations of creating video games in JavaScript. Students will apply the concepts of variables, conditionals, looping, functions, graphics, animation, basic data structures to create games. This is a guided, self-paced course that relies heavily on writing both short programs along with longer project based programs. Students who advance through all of the standard curriculum in this course will be able to advance to some basic use of the Unity Engine.

IT ESSENTIALS: PC HARDWARE & SOFTWARE**01240****Level II / Semester / .5 credit****○ 9 ● 10 ● 11 ● 12 Prerequisite: None**

Become a part of the Cisco Networking Academy right here at Burlington High School! Begin your journey into Cisco Career Certifications right now. IT Essentials focuses on the relationship between hardware and system software. The course topics include PCs, peripherals, networking, security troubleshooting, and communications skills. IT Essentials is an introductory course that presents a foundation toward the pursuit of the CompTIA A+ certification and will introduce you to the Cisco Networking Academy.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

INTRODUCTION TO MULTIMEDIA**01143****Level I / Semester / .5 credit****● 9 ● 10 ● 11 ● 12 Prerequisite: None**

This beginning course will introduce students to the variety of multimedia technologies available at Burlington High School. Students will be able to use digital cameras, video cameras, printers, scanners, the Internet, and their virtual locker or Own Cloud as they create a variety of projects. Students will learn to use photo and video editing software programs. This course should provide the student with the ability to create interesting presentations for all future classes at Burlington High School

COMPUTERS FOR PROFESSIONALS**01215****Level II / Semester / .5 credit****• 9 • 10 • 11 • 12 Prerequisite: None**

Learn skills that are often required in business and as a college student today with Microsoft Office – the most widely used software package in the world. This course will provide a solid introduction to many applications used in the business world. These applications include Excel, Access, Word, and PowerPoint, as well as other applications found on the Internet, like the tools available from Google. This class will provide hands-on practice that will provide the student with the hardware, software, business productivity, and Internet skills that are essential to success in the world of college and career. This course is transcripted with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course

INTRODUCTION TO WEB PAGE PROGRAMMING**01507****Level II / Semester / .5 credit****• 9 • 10 • 11 • 12 Prerequisite: None**

In this course students will learn to create web pages using the HTML programming language. They will use tags to format pages, create lists, links, graphics, frames, and cascading style sheets (CSS). Students will examine and evaluate web pages for content, validity and structure. Once the students have learned to write web pages from code, a variety of web programming software will be examined, including Bootstrap and Javascript, if time allows, on-line based web page design. This course will be project oriented, including the creation of personal web pages and a final project.

YEARBOOK PRODUCTION**01148****Level III / Semester / .5 credit****• 9 • 10 • 11 • 12 Prerequisite: C or higher in English**

The purpose of this class is to develop, write, and sell the annual yearbook. Students will use desktop publishing and photo-editing software to create attractive layouts; incorporate journalism skills such as interviewing, writing, and reporting; and create advertising campaigns. It is required for students to attend several events after school and on weekends.

YEARBOOK BUSINESS AND MANAGEMENT**01150****Level III / Semester / .5 credit****• 9 • 10 • 11 • 12****Prerequisite: C or higher in English classes OR C or higher in Art or Business OR C or higher in Yearbook Production**

The yearbook course has been designed to provide students with the journalism skills and the ability to apply those skills to the actual production of the yearbook. Units of study include teamwork, responsibility, brainstorming, content, coverage, concept, reporting, writing, headlines, captions, editing, photography, typography, design, graphics, finances, yearbook campaigns, advertising and distribution. Students who complete this course will be considered for leadership roles in the production of the book the following fall term.

Leadership



DRIVEN LEADERSHIP PROGRAM

DRIVEN

Yearlong / .5 credit

○ 9 ● 10 ● 11 ● 12 Prerequisite: Accepted Application (provided at the end of the school year) Attend Summer Training

DRIVEN is a program designed for young student leaders. Students earn credit and community service hours as they improve their school and their community. In school, students will present to Freshmen homerooms in order to help students transition into high school life. In addition, various topics in personal success, leadership studies, and community service will be addressed. In the community, students will develop and implement service projects to help those in need. Responsibility, a positive attitude and an interest in developing leadership skills are a must. Through this program students will gain a greater understanding of themselves and those around them as they build positive relationships. Applications to DRIVEN come out at the end of spring semester and students will be notified of acceptance before the end of the academic school year.

TUTORS

TUTOR

Semester / .25 credit

○ 9 ○ 10 ● 11 ● 12 Prerequisite: B average. An application and teacher recommendation will also be required during the initial training.

Tutors is an opportunity for high school students to work with younger students as a tutor, mentor and special friend. Students must provide their own transportation. Students receive a grade of (P) Pass or N (no credit). A tutoring slip may be picked up by school counseling office.

Mathematics

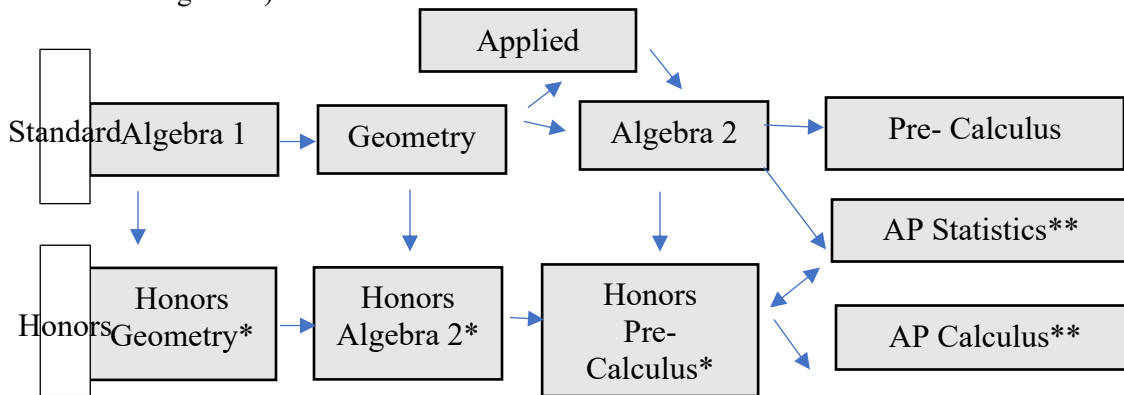


Course	Number	Level	Freshman	Sophomore	Junior	Senior
Algebra 1	01504	I	√	√		
Geometry	01503	II	√	√	√	√
Honors Geometry	01506	II	√	√		
Algebra 2	01502	III		√	√	√
Honors Algebra 2	01515	III		√	√	
Pre-calculus	01510	IV		√	√	√
Honors Pre-calculus	01514	IV		√	√	√
AP Statistics	01545	IV		√	√	√
AP Calculus	01550	IV		√	√	√
Math Seminar	01540	III		√	√	√
Applied Math	01542	II			√	√

*These courses require teacher recommendation

**Students may enroll in both AP Calculus and AP Statistics during the same year if all prerequisites have been met.

Note: Students are required to have their own graphing calculator (we recommend the TI-83+ or TI-84) that they can use both in school and at home for assignments for all Algebra 2 courses (Algebra 2 and Honors Algebra 2) and above.



Explanation of Mathematics Scope and Sequence

The graduation requirement for mathematics is a total of 3 credits and the completion of one of the paths below. All students are encouraged to take a fourth credit of math; especially those who plan to enroll at a technical college or four-year university after graduation. **A four-year plan for each path is included below and on the chart on the previous page. Students wishing to switch from one path to another should consult their math teacher and school counselor.**

Standard Path Algebra 1, Geometry, Algebra 2, Pre-calculus, or AP Statistics

Honors Path Honors Geometry, Honors Algebra 2, then an advanced path including:

A) Honors Precalculus (Junior year) to AP Calculus** (Senior year)

OR

B) AP Statistics and Honors Precalculus (in either order)

When considering a path, parents and students are strongly urged to consider the strengths and performance of the student over an extended period of time. Students will achieve best when they are appropriately challenged. Both paths below are designed to challenge all students who are appropriately placed in the class. We believe that students placed into a path that is too challenging for them based on their current strengths can cause more harm than good. Striving to make it to upper level classes, such as AP classes, is encouraged, but should not come at the expense of building a solid mathematical foundation first.

Below are characteristics commonly found in students taking courses in each path. They are meant to be guidelines, not absolutes. The initial 9th grade placement recommendation will be made using performance in 8th grade math.

Standard Level Classes

- For students who do not want the extra challenges listed below.

Honor Level Classes

- Honors courses provide highly motivated students with a curriculum that includes a wider range and greater depth of subject matter than that of the standard course. Honors courses demand the highest level of participation, effort, and quality from students. Curriculum in an honors course is rigorous, stresses concept development and typically places emphasis on independent study and critical thinking. Honors classes require students to utilize habits of independent analysis, creativity, collaboration, leadership, and intellectual skills.

ALGEBRA 1**01504****Level I / Year-long / 1 credit****● 9 ● 10 ○ 11 ○ 12 Prerequisite: Successfully completed an eighth grade mathematics course.**

Algebra 1 reviews introductory Algebra 1 topics and focuses on core Algebra 1 topics. Major focus topics of this class include unit conversion, percent change, representing data in multiple ways, counting techniques in probability, pattern identification, manipulation of algebraic expressions, slope and linear graphing, angle properties, area of geometric figures and function notation. This course focuses on the 400 level problems and extends into the 500 level problems from the ACT college readiness standards.

A scientific calculator is required for this course (we recommend the TI-30 X II).

ALGEBRA 2**01502****Level III / Year-long / 1 credit****○ 9 ● 10 ● 11 ● 12 Prerequisite: Geometry or Honors Geometry**

A second year algebra course is an entrance requirement for most colleges. Algebra 2 reviews the focus material of Geometry and focuses on more advanced topics. Major topics include advanced rate and proportion problems, weighted average, application of advanced counting techniques, application of the rules of exponents, absolute value and quadratic equations, systems of equations, parallel and perpendicular lines, special right triangles, complex area/volume problems and composite functions. This course focuses on the 600 level problems and extends into the 700 level problems from these ACT college readiness standards. **A graphing calculator is required for this course** (we recommend the TI-83+ or TI-84). Students must consult with their current math teacher before signing up for this course.

HONORS ALGEBRA 2**01515****Level III / Year-long / 1 credit****○ 9 ● 10 ○ 11 ○ 12 Prerequisite: Honors Geometry or concurrently with Honors Geometry**

Students who are currently in Honors Geometry are most likely to sign up for this course. *It is strongly recommended that students have a strong background in Algebra 1 (B+ or better) when taking this course.*

The concepts of first year algebra are expanded upon. New topics include logarithms, sequences, series, probability, matrices, and functions. **A graphing calculator is required (we recommend the TI-83+ or TI-84).** Students must consult with their current math teacher before signing up for this course.

APPLIED MATH**01542****Level II / Year-long / 1 credit****○ 9 ○ 10 ● 11 ● 12 Prerequisite: Geometry**

Reviews the four basic mathematical operations on whole numbers, fractions and decimals. Covers basic algebra and trigonometry related to technical fields. Covers geometric principles along with calculations of linear, area and volume measurements. Includes interpreting and sketching graphs, the metric system, a method to solve technical conversions problems, and an introduction to statistics.

GEOMETRY**01503****Level II / Year-long / 1 credit****● 9 ● 10 ● 11 ● 12 Prerequisite: Algebra 1**

Geometry reviews core Algebra 1 topics and focuses on more advanced topics of Algebra and Geometry. Major focus topics include conversion of rates, average using frequency tables, roots, exponents, inequalities, quadratics and polynomials, linear inequalities, advanced angle properties, geometry of composite figures, and right triangle trigonometry. This course focuses on the 500 level problems and extends into the 600 level problems from these ACT college readiness standards. **A scientific calculator is required for this course** (we recommend the TI-30 X II).

HONORS GEOMETRY**01506****Level II / Year-long / 1 credit****● 9 ● 10 ○ 11 ○ 12 Prerequisite: Students with an A in 8th grade Algebra or a strong A in Algebra 1**

Honors Geometry places an emphasis on formal proof, three-dimensional coordinate systems, and other rigorous geometry concepts. Concepts in this course include formal deductive reasoning (proofs), Algebra review, parallel lines, triangles, quadrilaterals, circles, area, coordinate geometry (2-d and 3-d), transformations, surface area and volume. **A scientific calculator is required (we recommend the TI-30X II).**

PRE-CALCULUS**01510****Level IV / Year-long / 1 credit****○ 9 ● 10 ● 11 ● 12****Prerequisite: Algebra 2 or Accelerated Algebra 2**

Students who are currently in Algebra 2 or in Accelerated Algebra 2 are most likely to sign up for this course. Pre-calculus is designed for the student who are not planning to take AP Calculus at BHS or Calculus immediately upon entering college. Pre-calculus will explore families of functions, their transformations and applications, triangle trigonometry, circular functions and their graphs, basic trigonometric identities, statistical modeling, probability distributions and inferential statistics. **A graphing calculator (we recommend the TI 83/TI 84) is required for this course.**

HONORS PRE-CALCULUS**01514****Level IV / Year-long / 1 credit****○ 9 ● 10 ● 11 ● 12****Prerequisite: Honors Algebra 2**

Students who are currently getting a B+ or better in Honors Algebra 2 are most likely to sign up for this course. The course is devoted to a deep study of functions and analytic geometry, the branch of mathematics involving the use of algebra and geometry. Probability, statistics, maxima and minima topics, and advanced theories in trigonometry are studied. The ultimate goal is to prepare students for the study of calculus. This course is recommended for students planning to eventually enter careers in physics, engineering, medicine, economics, accounting, science, architecture, or mathematics. **A graphing calculator is required (we recommend the TI-83+ or TI-84).**

AP CALCULUS AB

01550

Level IV / Year-long / 1 credit

○ 9 ● 10 ● 11 ● 12



Prerequisite: Honors Pre Calculus & Teacher Recommendation

The course is for students who are interested in taking the Advanced Placement Calculus exam. The course covers content consistent with 1st semester college Calculus. Emphasis will be placed on work with limits, with integration and differentiation of algebraic, trigonometric, exponential and logarithmic functions, and on applications. **A graphing calculator is required (we recommend the TI-83+ or TI-84).**

AP STATISTICS

01545

Level IV / Year-long / 1 credit

○ 9 ● 10 ● 11 ● 12



Prerequisite: Any Algebra 2 class & Teacher Recommendation

This course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics and prepares students for the Advanced Placement Statistics exam. This course will introduce students to the major concepts and tools for the collecting, analyzing, and drawing conclusions from data. Topics will include exploring data, graphical displays, conducting surveys, probability and simulation, hypothesis testing, the normal distribution, and making decisions from given data. **A graphing calculator is required (we recommend the TI-83+ or TI-84).**

MATH SEMINAR

01540

Level III / Semester / .5 credit

○9 ●10 ●11 ●12 **Prerequisite: Completion of one of the math sequences required for graduation and an approved proposal.**

An independent study math course for students who have gone beyond the mathematics taught at BHS or who wish to apply mathematics to topics not available in the BHS curriculum. Each student must provide a project-based proposal describing the goals he/she wishes to accomplish, the materials he/she will use to meet these goals and how the project is to be assessed. A mathematics teacher must approve the specifics of a math seminar course before the student enrolls in the course.

Music



	Course	Number	Level	Freshman	Sophomore	Junior	Senior
Choir	Mixed Chorus	01562	II	√	√		
	Concert Choir	01566	III		√	√	√
	Treble Chorale	01564	IV		√	√	√
	A Cappella Choir	01574	IV		√	√	√
General Music	Intro to Band	01597	I	√	√	√	√
	Class Piano I & II \$	01590S 01591S	I	√	√	√	√
	Guitar Performance I & II	01595S 01596S	I	√	√	√	√
	Intro to Popular Music	01568S	I	√	√	√	√
Instrumental	AP Music Theory	01570	IV		√	√	√
	Concert Band \$	01572	II	√	√	√	
	Orchestra	01576	II	√	√		
	Chamber Orchestra	01578	IV	√*	√*	√	√
	Symphonic Band \$	01573	IV		√	√	√
	Wind Ensemble \$	01575	IV		√	√	√

Students who take three years of band, choir, or orchestra can earn one Laude point, with an addition of another Laude point after the fourth year.



Music Career Class Sequence

If you are considering a career in music performance, education, or composition, this is the course sequence suggested by the Burlington High School Music Department. By following this program, you will achieve success in high school and be well prepared for college or other

	Freshmen	Sophomore	Junior	Senior
Courses	<ul style="list-style-type: none"> Music Ensemble Course (Mixed Choir, Concert Band, Wind, or orchestra) Class Piano I & II Guitar Performance I & II Introduction to Band 	<ul style="list-style-type: none"> Music Ensemble Course (Treble Chorale, Concert Choir, Concert Band, Wind, or Orchestra) Class Piano I & II (Recommend for Vocal Emphasis) Intro to Popular Music Guitar Performance I & II 	<ul style="list-style-type: none"> Music ensemble Course (Concert Choir, A Cappella Choir, Treble Choir, Wind, Symphonic Band, Orchestra) AP Music Theory 	<ul style="list-style-type: none"> Music Ensemble Course (Concert Choir, A Cappella Choir, Treble Chorale, Wind, Symphonic Band, Orchestra) AP Music Theory
Electives	<ul style="list-style-type: none"> Solo/ Ensemble Participation (class B) Musical Production (for Vocal Emphasis) Jazz Ensemble (for Jazz Emphasis) B* JAZZLED (Show Choir) Serenading Strings (Chamber Ensemble) 	<ul style="list-style-type: none"> Solo/ Ensemble Participation (class B) Musical Production (for Vocal Emphasis) Jazz Ensemble (for Jazz Emphasis) B* JAZZLED (Show Choir) Serenading Strings (Chamber Ensemble) 	<ul style="list-style-type: none"> Solo/ Ensemble Participation (class A) Musical Production (for Vocal Emphasis) Jazz Ensemble (for Jazz Emphasis) Private Instrumental or Vocal Instruction B* JAZZLED (Show Choir) Serenading Strings (Chamber Ensemble) 	<ul style="list-style-type: none"> Solo/ Ensemble Participation (class A) Musical Production (for Vocal Emphasis) Jazz Ensemble (for Jazz Emphasis) Private Instrumental or Vocal Instruction B* JAZZLED (Show Choir) Serenading Strings (Chamber Ensemble)

performance venues.

Choir

A CAPPELLA CHOIR

01574/ 01574P

Level IV / Year-long / 1 credit

○ 9 ● 10 ● 11 ● 12 **Prerequisite: Audition required prior to registration. These auditions will include sight reading, rhythm reading and a prepared piece.**

Activities include concerts, Solo & Ensemble, a Concert Festival, A Cappella competition and many performances outside of school. Performances outside of the school day are REQUIRED. Students will be asked to provide proper accessories related to the Choir. *To take A Cappella Choir AND Wind Ensemble, use 01574P and 01575P.*

CONCERT CHOIR

01566 / 01566P

Level III / Year-long / 1 credit

● 9 ● 10 ● 11 ● 12 **Prerequisite: Minimum two years of experience or the consent of the instructor.**

Choral literature of many historical periods and styles including Swing, Blues, and contemporary numbers will be studied. Activities include the Fall Concert, Holiday Concert, Sing-a-Bration, the Spring Concert, and Solo & Ensemble. Performances outside of the school day are REQUIRED. This choir shares students with Symphonic Band. *To take Concert Choir and Symphonic Band, sign up with 01566P and 01573P. To take Concert Choir and Chamber Orchestra, use 01566P and 01578P.*

MIXED CHORUS

01562 / 01562P

Level II / Year-long / 1 credit

● 9 ● 10 ● 11 ● 12 **Prerequisite: None**

Open to all **freshmen** who enjoy singing in a group and have the desire to learn about music and singing. This choir emphasizes the fundamentals of music, note reading, and singing through a variety of music literature from Bach to rock. Activities include the Fall Concert, Holiday Concert, Sing-a-bration, and Spring Concert. No Solo & Ensemble participation is required. Performances outside of the school day are REQUIRED. This choir shares students with Concert Band and Orchestra. *To take Mixed Chorus AND Concert Band, use 01562P and 01572P. To take Mixed Chorus AND Orchestra, use 01562P and 01576P.*

TREBLE CHORALE

01564

Level IV / Year-long / 1 credit

○ 9 ● 10 ● 11 ● 12 **Prerequisite: Auditions required prior to registration**

This choir for treble voices offers a continuing study of vocal music, with an emphasis on fundamentals and musical technique through performance and rehearsal using a wide variety of styles and periods of choral music and literature. Activities include the Fall Concert, Holiday Concert, Sing-a-bration, the Spring Concert, individual and group lessons, and Solo & Ensemble. Performances outside of the school day are REQUIRED.

GENERAL MUSIC

CLASS PIANO I \$

01590S

Level I / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: None

Students will develop and expand basic piano techniques through exercises and current piano literature. Students will use piano lab keyboards throughout this course and will need to purchase the necessary books. Level I is for the beginning student with little or no piano background or for players with little note-reading ability \$20.00 fee

CLASS PIANO II \$

01591S

Level II / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: Piano experience or Piano I

Level II is for the student who has completed the second level of the Alfred's series or the third level of the Bastien series. Students will use piano lab keyboards and have access to acoustic pianos. \$20.00 fee

GUITAR PERFORMANCE I

01595S

Level I / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: None

Guitar I students will learn the fundamentals of guitar playing including rhythm, note and tablature reading on all six strings of the guitar. Students will learn proper performance techniques playing all different styles of music. Students will learn various strumming patterns on open chords. Students will also learn basic music theory concepts.

GUITAR PERFORMANCE II

01596S

Level II / Semester / .5 credit

● 9 ● 10 ● 11 ● 12

Prerequisite: Guitar experience or Guitar I

Guitar II is a continuation of the curriculum in Guitar I. Students expand their study on chords and melodies. Students also learn additional guitar techniques such as barre chords, fingerpicking, improvisation, advanced strumming, and special effects (palm muting, string bending).

INTRODUCTION TO BAND

01597

Level I / Year-long / 1 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: None

This course is designed to take a student with no wind instrument experience and give them the basic skills necessary to play with a group. This course will explore the basics of music reading, and tone production on a wind instrument. We will focus on proper posture, hand position, note fingerings, tonguing, breathing, and embouchure. Students must practice their music outside of class (One hour per week). **An instrument rental fee from an outside company may apply.**

INTRO TO POPULAR MUSIC

01568S

Level I / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: None

In this class, students will study a history of popular music as it relates to society and history. Students will explore popular music beginning around the Civil War. Big band, jazz, all styles of rock, disco, hip hop, and current pop music will all be discussed. Students will learn about important artists and recordings. The course will also cover the effects that society and historical events had on popular music, and vice versa. Students with questions concerning this course should see the choir or band director.

AP MUSIC THEORY

01570

Level IV / Yearlong / 1.0 credit

○ 9 ● 10 ● 11 ● 12



Prerequisite: Teacher Recommendation

Classical-based music theory course. Students will learn basic theoretical understanding of music along with compositional concepts, and ear training. Students will learn a broad range of written music theory concepts including scales, key signatures, modes, transposition, and principles of orchestration. In addition, students will learn basic aural theory concepts including scale/chord identification, rhythmic, melodic, and harmonic dictation. As a final project, students will compose a piece for vocal, or instrumental small ensemble (Scoring Component 18). Prior music experience is required. Students must be able to read notation fluently in either treble or bass clef. Students who do well with the concepts of this class are encouraged to take the AP Music Theory Exam. Students who do well on this exam can earn college credit and advance in the theory sequence at the university level.

INSTRUMENTAL

CONCERT BAND \$

01572 / 01572P

Level II / Year-long / 1 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: One-year experience in concert band at the middle or high school level.

Activities include concerts, individual and group lessons, Solo and Ensemble Festival, concert festivals, winter concert, Band-O-Rama, spring concert, parades, and pep band. Performances and rehearsals outside of the school day are required. Schedules are posted with all performance and rehearsal requirements at the beginning of the year. Solo and Ensemble participation is not required, but is encouraged. This band shares students with Mixed Choir. \$5.00 *To take Mixed Chorus AND Concert Band, use 01562P and 01572P. To take Concert Band AND Orchestra, use 01572P and 01576P.*

ORCHESTRA

01576 / 01576P

Level II / Year-long / 1 credit

● 9 ● 10 ● Prerequisite: Two years of experience in orchestra at the middle or high school level.

Activities include Solo & Ensemble Festival, String workshops, Fall Concert, Winter Concert and the Spring Concert. Performances outside of the school day are required. Schedules are posted with all required performances at the beginning of the school year. Students will receive group and individual instruction as time permits. *To take Mixed Chorus AND Orchestra, use 01562P and 01576P. To take Concert Band AND Orchestra, use 01572P and 01576*

CHAMBER ORCHESTRA**01578 / 01578P****Level IV / Year-long/ 1 credit**

● 9* ● 10* ● 11 ● 12 **Prerequisite:** Two years of experience in orchestra at the middle or high school level. * need instructor approval BEFORE registering for this class.

Learning activities in class include playing advanced string music, working on string specific techniques for playing in small ensembles, performing with no conductor, bowing techniques, and music theory. Students will receive group and individual instruction as time permits. Other activities include local concerts in the Burlington community, Solo & Ensemble festival, clinics, fall concert, winter concert, and a spring concert. This course does include performing outside of the school and on school days. *To take Concert Choir AND Chamber Orchestra, use 01566P and 01578P. OR Symphonic Band (01573P) AND Chamber Orchestra, use 01578P and corresponding course number with a P.*

SYMPHONIC BAND \$**01573 / 01573P****Level IV / Year-long/ 1 credit**

○ 9 ● 10 ● 11 ● 12 **Prerequisite:** One-year experience in concert band at the high school level. An audition is required prior to registration. This will take place for all students during the previous school year. These auditions will include several scales, sight reading, rhythm reading, and a prepared piece.

Activities include concerts, individual and group lessons, Solo & Ensemble Festival, concert festivals, winter concert, Band-O-Rama, spring concert, parades and pep band. Performances and rehearsals outside of the school day are required. Schedules are posted with all performance and rehearsal requirements at the beginning of each semester. Solo & Ensemble participation is not required, but is encouraged. This band shares students with Concert Choir. \$5.00 Polo Rental. *To take Concert Choir and Symphonic Band, sign up with 01566P and 01573P.*

WIND ENSEMBLE \$**01575 / 01575P****Level IV / Year-long/ 1 credit**

○ 9 ● 10 ● 11 ● 12 **Prerequisite:** At least one-year experience in high school band. An audition is required prior to registration. This will take place for all students during the previous school year. These auditions will include several scales, sight-reading, rhythm reading, and a prepared piece.

Activities include concerts, individual and group lessons, Solo & Ensemble Festival, concert festivals, winter concert, Band-O-Rama, spring concert, parades, and pep band. Performances and rehearsals outside of the school day are required. Schedules are posted with all performance and rehearsal requirements at the beginning of each semester. Solo & Ensemble participation is not required but encouraged. This band shares students with A Cappella Choir. \$5.00 Polo Rental. *To take A Cappella Choir AND Wind Ensemble, use 01574P and 01575P.*

Science



The following courses towards the three required science credits.

Course	Number	Level	Freshman	Sophomore	Junior	Senior
Biology	01610	I	√	√	√	√
STEM Introduction to Principles of Engineering	01470	IV	√	√	√	√
Earth Science	01609	I		√	√	√
Chemistry	01608	II		√	√	√
Physical Science	01612	II		√	√	√
Zoology	01631	III		√	√	√
Biotechnology	01613	IV		√	√	√
Physics	01614	IV		√	√	√
Animal Science & Aquaculture	01604	II		√	√	√
Veterinary Science	01603	II			√	√
Intro to Forensic Science	01615	III			√	√
Anatomy and Physiology \$	01635	IV			√	√
AP Physics 1	01616	IV			√	√
AP Physics 2	01616B	IV			√	√
AP Chemistry	01622	IV			√	√
AP Biology	01617	IV			√	√
AP Environmental Science	01629	IV			√	√
Course	Number	Level	Freshman	Sophomore	Junior	Senior
Introduction to Agriculture	01600	I	√	√	√	√
Fish & Wildlife Studies	01601	I	√	√	√	√
Companion Animals	01602	I	√	√	√	√
Landscape Design	01607	I		√	√	√
Forestry Field Study	01628	I			√	√
*Animal Science & Aquaculture	01604	II		√	√	√
*Veterinary Science	01603	II			√	√
Field Experience Courses						
Boundary Waters \$	PUSHB				√	√
Grand Canyon \$	GRCAN				√	√

Required Science Course Pathways

3 Science credits are required to graduate from Burlington High School.

REQUIRED COURSES	POSSIBLE ELECTIVES	
<p>FRESHMAN YEAR</p> <ul style="list-style-type: none"> Biology - 1 credit 	<ul style="list-style-type: none"> STEM P.O.E. *Intro to Agriculture 	<ul style="list-style-type: none"> *Fish & Wildlife *Companion Animals
<p>SOPHOMORE YEAR</p> <ul style="list-style-type: none"> Chemistry - 1 credit OR Physical Science - 1 credit OR Earth Science - 1 credit OR Physics (recommend chemistry before physics, or concurrently) - 1 credit 	<ul style="list-style-type: none"> STEM P.O.E. Zoology Biotechnology Animal Science and Aquaculture * Intro to Agriculture *Fish & Wildlife *Companion Animals *Landscape Design 	
<p>JUNIOR & SENIOR YEAR</p> <ul style="list-style-type: none"> At least 1 Science credit 	<ul style="list-style-type: none"> STEM P.O.E. Zoology Biotechnology Animal Science and Aquaculture *Intro to Agriculture *Fish & Wildlife *Companion Animals *Landscape Design *Forestry Field Study Chemistry Earth Science AP Environmental Science 	<ul style="list-style-type: none"> Physical Science Physics Veterinary Science Intro to Forensic Science Anatomy and Physiology AP Physics 1 AP Physics 2 AP Chemistry AP Biology **Boundary Waters **Grand Canyon
<p align="center">*These Agricultural Science Courses DO NOT count toward the 3 required Science credits **Field Experiences DO NOT count toward 3 required Science credits</p>		

CLASS DESCRIPTIONS FOR REQUIRED SCIENCE CLASSES

ANATOMY AND PHYSIOLOGY \$

01635

Level IV / Year-long / 1 credit

○ 9 ○ 10 ● 11 ● 12



Prerequisite: Prerequisite: Students who completed both Biology and Chemistry with a C or higher for both semesters of each class.

Anatomy and Physiology encompasses a body of knowledge that is large and complex. Students are faced with the need to know and understand a multitude of individual structures and functions. Ultimately, the student must be able to "pull together" the information to view the body as a whole. The following topics and systems will be discussed in lecture and laboratory: tissues, skin skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive. Healthcare careers will be discussed, and students will experience operating room surgeries conducted by local doctors and field trips to a local medical school. \$50.00 fee. This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

ANIMAL SCIENCE & AQUACULTURE

01604

Level II / Year-long / 1 credit

○ 9 ● 10 ● 11 ● 12 Prerequisite: None

Students will learn about animal nutrition, reproduction, genetics, anatomy, and science of animals. It focuses mostly on large animals, e.g., dairy cattle, beef cattle, sheep, pigs, poultry, and aquaculture. Labs include: building a 3-D digestive tract, dissections, dairy product labs, wool lab, touring a local dairy farm, pig ear notching, incubating and hatching ducks/chickens.

BIOLOGY

01610

Level I / Year-long / 1 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: None

Biology is the study of the origin, physical characteristics, life processes, and habits of living organisms. Biology uses a thematic orientation of energy, cells, genetics, principles of evolution, plants, and animal life. This course incorporates critical thinking skills, hands-on lab based activities that employ scientific discovery, science process skill methods of inquiry, and integration of science concepts across the curriculum.

BIOTECHNOLOGY

01613

Level IV / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12



Prerequisite: Completion of Biology with a grade of A or B or with consent of instructor. Chemistry or Physical Science is strongly recommended.

Biotechnology can be broadly defined as the use of organisms and their products for industrial purposes. It combines principles taught in the biosciences with current technological expertise to produce a variety of substances useful to society. Many advances in health care, agriculture, environmental management, and energy production are a direct result of biotechnology applications. This course will utilize critical thinking skills by incorporating hands-on lab activities, discussions, and computer-enhanced research to offer students perspective and experience in biotechnology.

CHEMISTRY**01608****Level II / Year-long / 1 credit**○ 9 ● 10 ● 11 ● 12 **Prerequisite: Completion of Algebra**

Chemistry is the science of matter. This field of study deals with the makeup of matter and the changes matter undergoes in physical and chemical changes. Laboratory experiments are used to relate and strengthen the concepts learned from the classroom lecture and discussion. Chemistry is usually selected by students following the completion of Biology. **A scientific calculator is required for this course. We recommend the TI-30X IIS.**

EARTH SCIENCE**01609****Level I / Year-long / 1 credit**○ 9 ● 10 ● 11 ● 12 **Prerequisite: None**

Earth Science is broken up into four major areas. Students will learn about weather and climate, geology, oceanography and astronomy. Within the units students will discover the science behind: hurricanes, tornadoes, fronts, earthquakes, volcanoes, ocean currents, formation of rocks and minerals, and theories within astronomy.

INTRO TO FORENSIC SCIENCE**01615****Level III / Semester / .5 credit**○ 9 ○ 10 ● 11 ● 12 **Prerequisite: Biology and either Chemistry, Physics or Physical Science.**

Intro to Forensic Science is an opportunity for students to expand their scientific knowledge and skills through criminalistics and case studies. The basic science skills of observation, questioning, collecting, and classifying data, looking for relationships, forming and testing hypotheses, as well as advanced skills such as making and defending conclusions, problem solving and logical reasoning will be reinforced through simulated crime scenes and the analysis of criminal investigations. Criminal case studies are the motivator. Advanced science learning and application is the goal.

PHYSICAL SCIENCE**01612****Level II / Year-long / 1 credit**○ 9 ● 10 ● 11 ● 12 **Prerequisite: None / Must NOT have previously passed Physics or Chemistry**

Physical Science students will explore the basic principles that form the foundations of Earth Science, Chemistry, and Physics. This course is recommended as a preparatory course for students who would like to take Chemistry or Physics in the future but who do not feel that they are ready at this time and for students with technical school interest. The course stresses measurements, data collection, technical reading, scientific lab reports, and mathematical problem solving. The course also stresses application of knowledge to solve real life problems through structured projects.

PHYSICS

01614

Level IV / Year-long / 1 credit

○ 9 ● 10 ● 11 ● 12



Prerequisite: Must have passed Algebra 1

Physics is that part of the study of the physical universe that deals with the relationship between matter and energy. Physics is intended to give students a thorough understanding of the basic concepts of physics with an emphasis on math applications and problem solving. Physics should be considered by those students planning on continuing their post high school education in the physical sciences, engineering, or related science fields. The major topics include: mechanics, kinetic theory, thermodynamics, waves (sound and light), geometric optics (telescopes, lenses, and mirrors), electricity and magnetism. A majority of the time is spent in the lab, with hands-on activities. The remainder of the time is spent engaged in mathematical problem solving.

STEM INTRODUCTION TO PRINCIPLES OF ENGINEERING (P.O.E.)

01470

Level III / Year-long / 1 credit

● 9 ● 10 ● 11 ● 12



Prerequisite: None

This course may be taken as a science elective.

This introductory course explores the wide variety of careers in engineering and technology and looks at various technology systems and manufacturing processes. Using activities, projects and problems, students learn firsthand how engineers and technicians use math, science and technology in an engineering problem-solving process to benefit people.

VETERINARY SCIENCE

01603

Level III / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: Must pass Biology. Companion Animals recommended**

****Available as Science Credit.**

In this one semester class, students will journey from the animal's nose to the tip of its tail studying the systems, muscles, tissues, organs and bones along the way. In addition, students will have the chance to practice veterinary techniques and gain valuable experience through hands-on laboratory exercises while learning about potential careers. At the end of this course, students will have the skills to start a veterinary career.

ZOOLOGY

01631

Level III / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12 **Prerequisite: Biology with a completion of C or higher**

ANIMALS, ANIMALS AND MORE ANIMALS! This course will survey the biology and classification of invertebrate and vertebrate animals. Life systems and support systems will be covered. Comparative physiology, development, behavioral, classification and anatomical studies will be stressed. Learning will take place through group, partner, individual projects, and in class lab work. Nine dissections are a focal point of the course, and participation is required.

AP SCIENCE CLASSES

AP BIOLOGY

01617

Level IV / Year-long / 1 credit

○ 9 ○ 10 ● 11 ● 12



Prerequisite: Students who completed both Biology and Chemistry with a C or higher for both semesters of each class.

AP Biology is a full-year advanced science course designed to challenge students and prepare them for science courses at the college level. AP Biology is centered around four Big Ideas, including diversity and unity of life, energy in biological systems, life processes, and interaction of biological systems. Students who take the AP Biology course can expect to develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. The course is shifted from a traditional "content coverage" model of instruction to one that focuses on enduring, conceptual understandings, and the concepts that supports them.

AP CHEMISTRY

01622

Level IV / Year-long BLOCK / 2.0 credits

○ 9 ○ 10 ● 11 ● 12



Prerequisite: Completion of Physics, Algebra, and Chemistry with a grade of B or higher & teacher recommendation

Advanced Placement Chemistry is a strong, college level chemistry course. Through laboratory work, reading assignments, and problem solving, the student is exposed to all central ideas of chemistry. This course covers theoretical matter-energy relationships based upon an in-depth atomic structure description. Emphasis is placed on problem solving and the student's ability to incorporate many chemical principles into the solution of problems.

AP ENVIRONMENTAL SCIENCE

01629

Level IV / Year-long / 1 credit

○ 9 ○ 10 ● 11 ● 12



Prerequisite: Two years of laboratory science, one year of Algebra

AP Environmental Science is a full-year advanced science course designed to challenge students and prepare them for environmental and social sciences at the college level. Explore and investigate the interrelationships of the natural world. Identify and analyze environmental problems, both natural and human made. Evaluate the relative risks associated with these problems and examine alternative solutions for resolving and/or preventing them. Students will learn about the natural world through hands-on laboratory investigations and observations using fieldwork to study both human-made and natural environmental problems in your local ecosystems.

AP PHYSICS I

01616

Level IV / Year-long / 1 credit

○ 9 ○ 10 ● 11 ● 12



Prerequisite: Completion of Geometry, Algebra

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

AP PHYSICS II

01616B

Level IV / Year-long / 1 credit

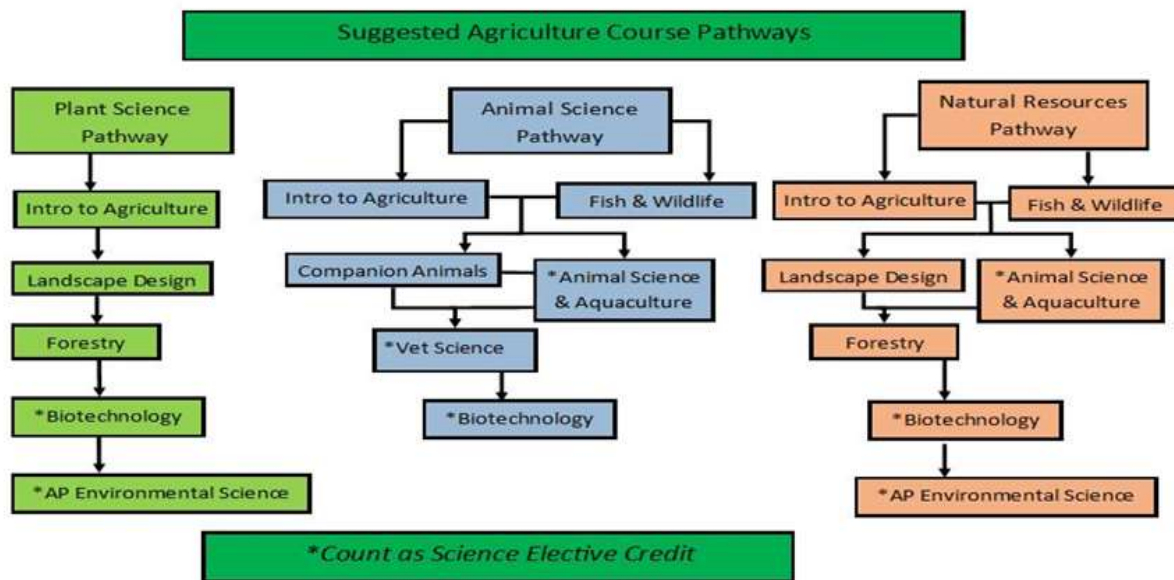
○ 9 ○ 10 ● 11 ● 12



Prerequisite: Completion of Geometry, Algebra and Physics with a grade of B or higher & Teacher Recommendation

AP Physics 2 is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

Agri-Science Courses



INTRODUCTION TO AGRICULTURE

01600

Level I / Semester / .5 credit

● 9 ● 10 ● 11 ● 12 Prerequisite: Strongly encouraged for freshmen who are planning to take future Agri-Science courses.

What is this thing called “Agri-science” and how does it affect me? Find out the answer in this exploratory class designed to understand the basics of the agricultural industry. The major areas of study include units on Wisconsin and U.S. agriculture, agribusiness, agricultural careers, plant sciences, forestry, conservation, animal science, wildlife management, crops and soils, horticulture, and the FFA. *This course is not recommended for students who have previously taken an Agri-science course.*

ANIMAL SCIENCE & AQUACULTURE

01604

Level II / Year-long / 1 credit

○ 9 ● 10 ● 11 ● 12 Prerequisite: None **Available as Science Credit.

Students will learn about body systems, animal nutrition, reproduction, genetics, anatomy, and science of animals. It focuses mostly on large animals, e.g., dairy cattle, beef cattle, sheep, pigs, and aquaculture. Labs include: building a 3-D digestive tract, dissections, dairy product labs, wool lab, touring a local dairy farm, pig ear notching, incubating and hatching ducks/chickens.

BIOTECHNOLOGY**01613****Level IV / Semester / .5 credit**

○ 9 ● 10 ● 11 ● 12 **Prerequisite: Completion of Biology with a grade of A or B or with consent of instructor. Chemistry or Physical Science is strongly recommended.**

****Available as Science Credit.**

Biotechnology can be broadly defined as the use of organisms and their products for industrial purposes. It combines principles taught in the biosciences with current technological expertise to produce a variety of substances useful to society. Many advances in health care, agriculture, environmental management, and energy production are a direct result of biotechnology applications. This course will utilize critical thinking skills by incorporating hands-on lab activities, discussions, and computer-enhanced research to offer students perspective and experience in biotechnology.

COMPANION ANIMALS**01602****Level I / Semester / .5 credit**

● 9 ● 10 ● 11 ● 12 **Prerequisite: None**

This course is designed to acquaint the student with the management and care practices associated with companion animals. The course focuses primarily on the study of animals which most people deal with on a regular basis. Major units of study include: dog care, cat care, horse science, and other companion animals.

FISH & WILDLIFE STUDIES**01601****Level I / Semester / .5 credit**

● 9 ● 10 ● 11 ● 12 **Prerequisite: None**

Interested in the “great outdoors”? Come and explore what mother-nature has to offer! This course is designed to acquaint students with the skills and knowledge needed to manage North American wildlife, such as deer, bear, wolves, fish, and many other animals. The course will focus on wildlife biology, wildlife management, aquaculture, and careers related to the industry.

FORESTRY FIELD STUDY (Offered odd years)**01628****Level I / Semester / .5 credit**

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: None (Offered Odd years only, e.g., 2022-2023)**

This course will provide hands on forestry experience at the school forest. Students will develop forestry and wildlife habitat management skills by learning about property resources, spending time planning new projects, and working on ongoing projects. Two out of the five days will be spent in the classroom, but emphasis will be on fieldwork. Class fee will be determined by the projects. Steel-toed boots and clothing appropriate for weather conditions will be required.

LANDSCAPE DESIGN (Offered even years)**01607****Level I / Semester / .5 credit**

○ 9 ● 10 ● 11 ● 12

Prerequisite: None

(Offered Even years only, e.g., 2021-2022)

Get your hands dirty with landscaping! Students will learn how to design & draw landscape plans using concepts of art and science. Designs will be created through hand drawings and computer graphic programs. Students will learn about landscaping plants and installation techniques and will have an opportunity to create landscapes at BHS and various community sites, as well as work in the Agri-Science greenhouse.

VETERINARY SCIENCE**01603****Level III / Semester / .5 credit**○ 9 ○ 10 ● 11 ● 12 **Prerequisite: Must pass Biology. Companion Animals recommended******Available as Science Credit.**

In this one semester class, students will journey from the animal's nose to the tip of its tail studying the systems, muscles, tissues, organs and bones along the way. In addition, students will have the chance to practice veterinary techniques and gain valuable experience through hands-on laboratory exercises while learning about potential careers. At the end of this course, students will have the skills to start a veterinary career.

SCIENCE FIELD EXPERIENCE COURSES**BOUNDARY WATERS \$****PUSHB****Summer Field Experience Course / .5 credit**

○ 9 ○ 10 ● 11 ● 12

How does eight hours from nowhere with no electricity, cell phones, Tablets or iPod sound? Can you sleep on the ground and cook over a fire? Is solitude scary? Answer these questions and have fun learning in PUSHING THE BOUNDARIES.

What: A summer school half credit science elective centered around biological and environmental awareness, incorporating self-discipline, teamwork and perseverance. Different levels of physical intensity will be offered based on student interest.

Spend 5 days and 4 nights in the beautiful Boundary Waters Canoe Area of Northern Minnesota. You will learn the value of America's Wilderness Areas on this fun filled excursion into the watery, wooded, rocky wilds of Minnesota. Canoe crystal clear waters, sleep in tents under the stars, cook meals over an open fire, explore vast wilderness areas, fish for huge and great tasting walleye & northern pike, and above all, live with and view nature as a part of nature!

Do not indicate this class on your course selection sheet at this time. Sign-up for the course will be announced in November or December during the school year. Once the sign-up information is announced, interested current Juniors will need to fill out the sign-up information and then 28 students will be chosen to attend.

GRAND CANYON FIELD EXPERIENCE \$**GRCAN****Spring Field Experience Course / .5 credit**

○ 9 ○ 10 ● 11 ● 12

In this field experience course, students will explore the geological processes found in the Arizona area for 6 to 7 nights during the school year. Students will do the following: hike the Grand Canyon, photograph Antelope Slot Canyon, see a Meteor Crater, explore a lava river cave, float down the Colorado River, hike up a strato-volcano, visit ancient ruins and enjoy a variety of other activities as well. The group will fly to Phoenix and travel to Flagstaff, Page, The Grand Canyon and Sedona in order to see all of the attractions! This trip is physically intense due to two large hikes. One ten-mile (up a strato-volcano) hike and one twelve-mile hike (Grand Canyon). There are numerous other hikes that range between .5 miles and 6 miles. This trip is truly an amazing experience providing an alternative way to learn! Thirty-two students are allowed to attend per year.

Sign-up for the course will be announced during the school year. Once the sign-up information is announced, interested students will need to fill out the sign-up information and then 32 students will be chosen to attend.

Social Studies



Course	Number	Level	Freshman	Sophomore	Junior	Senior
Social Studies Foundations \$	01704	I	√			
Modern American History	01706	II		√	√	√
Modern World History	01708	II			√	√
Consumer Economics	01713	II			√	√
Current American Problems and Affairs	01721	III			√	√
Economics	01723	III			√	√
Political Science	01717	III			√	√
Psychology	01719	III			√	√
Sociology	01715	III			√	√
Advanced Placement Human Geography \$	01732	IV	√	√	√	√
Advanced Placement European History \$	01728	IV		√	√	√
Advanced Placement U.S. History \$	01726	IV		√	√	√
Advanced Placement Economics	01725	IV			√	√
Advanced Placement Psychology \$	01705	IV			√	√
Advanced Placement U.S. Government & Politics \$	01734	IV			√	√
Advanced Placement World History \$	01730	IV			√	√

REQUIRED COURSES

All incoming Freshmen are required to take Social Studies Foundations OR AP Human Geography.

SOCIAL STUDIES FOUNDATIONS \$

01704

Level I / Year-long / 1 credit

● 9 ○ 10 ○ 11 ○ 12 **Prerequisite: None**

Social Studies Foundations is a course that builds the fundamental foundations of social science through patterns and processes that have shaped human understanding. The course will emphasize the building of skills essential to future social science success. These skills include but are not limited to: Reading/Interpreting Maps, Charts and Graphs, Reading/Analyzing Political Cartoons/Satire, Creating/Drafting a constructed response (essay), making connections from the past to the present, and understanding/using opposing points of view. The focus will be on reading in the content area and development of the writing process. \$6.00 fee.

All Sophomores are required to take Modern American History OR AP US History.

MODERN AMERICAN HISTORY

01706

Level II / Year-long / 1 credit

○ 9 ● 10 ○ 11 ○ 12 **Prerequisite: None**

Modern American History is a yearlong course that examines the major events and turning points of United States history from the Industrial Revolution through the Modern Age. The course guides students toward a clear understanding of patterns, processes and people that have shaped United States history. Students will learn critical thinking skills by examining the impact of dynamic leadership, political and economic change, social movements, and the importance of modern cultural developments. Students will draw connections between past and present events, cultures, and multiple perspectives.

Students are required to take Modern World History OR AP World History OR AP European History

MODERN WORLD HISTORY

01708

Students are required to take Modern World History OR AP World History OR AP European History

Level II / Year-long / 1 credit

○ 9 ○ 10 ● 11 ● 12

Prerequisite: Modern American History Students will analyze, synthesize and evaluate Political, Geographic, Economic, Social/Cultural issues in **African, Asian, and Canadian/Oceanic, European, Middle Eastern, and North/South American** societies using Primary and Secondary sources, interpreting and analyzing charts/graphs/maps, and writing/presenting on these topics and on Global Interdependence

FINANCIAL LITERACY OPTIONS IN SOCIAL STUDIES

CONSUMER ECONOMICS

01713

Level II / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12

Prerequisite: None

This course is for those students not going on with their schooling, directly entering the world of work, whose future schooling does not require a foundation level economic theory class, or for those students in need of training in how the consumer market place functions. Topics covered include wise consumer spending, consumer credit, personal savings, labor unions, and protection through insurance. The roles of business, labor, and government in the U.S. and world economics, and practice with the American tax system. **Meets district's [financial literacy requirement](#).**

ECONOMICS

01723

Level III / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12

Prerequisite: None

Recommended to students planning on attending a four-year university and/or studying business beyond high school.

Economics is designed for the student planning on attending a four year university. Anyone planning on studying business in college is strongly encouraged to take Economics. This course will develop a basic understanding of economics. This course enables students to apply the principles of economics to the world around them. **Meets district's [financial literacy requirement](#).**

AP ECONOMICS

01725

Level IV / Year-long / 1 Credit

○ 9 ○ 10 ● 11 ● 12



Prerequisite: Teacher Recommendation or must have a “C” or higher in previous SS Coursework.

Strongly recommended for those studying business at the university level. Advanced Placement Economics is offered as one class, but separated into Microeconomics and Macroeconomics. Microeconomics gives students a thorough understanding of the principles of economics that apply to the functions of individual decision-makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of the product market, and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. Macroeconomics gives students a thorough understanding of the principles of economics that apply to an economic system as a whole. It places particular emphasis on the study of national income and price determination, and also develops students' familiarity with economic performance measures, economic growth, and international economics. Students will be prepared to take both the AP Macroeconomics and AP Microeconomics exams. **Meets district's [financial literacy requirement](#).**

ADVANCED PLACEMENT (AP) COURSES

AP ECONOMICS

01725

Level IV / Year-long / 1 credit

○ 9 ○ 10 ● 11 ● 12



Prerequisite: Teacher recommendation or must have a “C” or higher in previous SS Coursework.

Strongly recommended for those studying business at the university level. Advanced Placement Economics is offered as one class, but separated into Microeconomics and Macroeconomics. Microeconomics gives students a thorough understanding of the principles of economics that apply to the functions of individual decision-makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of the product market, and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. Macroeconomics gives students a thorough understanding of the principles of economics that apply to an economic system as a whole. It places particular emphasis on the study of national income and price determination, and also develops students' familiarity with economic performance measures, economic growth, and international economics. Students will be prepared to take both the AP Macroeconomics and AP Microeconomics exams. **Meets districts financial literacy requirement.**

AP EUROPEAN HISTORY

01728

Level IV / Year-long / 1 credit

○ 9 ● 10 ● 11 ● 12



Prerequisites: Teacher recommendation or must have a “C” or higher in previous SS Coursework.

The Advanced Placement program and exam in European History are intended for qualified students who wish to complete classes in secondary school equivalent to college introductory courses in European history. The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. **Summer assignment required.** \$22.00 fee for review book.

AP HUMAN GEOGRAPHY

01732

Level IV / Year-long / 1 credit

● 9 ● 10 ● 11 ● 12



Prerequisites: Recommendation from your 8th grade Social Studies instructor. Must have a “C” or higher in previous SS Coursework.

AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and organization of the earth. Students will employ spatial concepts and landscape analysis to examine human organization of space. This AP Human Geography class teaches spatial relationships at different scales ranging from local to global. The purpose of the course is to utilize geographic processes to systematically study and understand the following concepts:

1. Geography: Its Nature and Perspectives
2. Population
3. Cultural Patterns and Processes
4. Political Organizations of Space
5. Agriculture and Rural Land Use
6. Industrialization and Economic Development
7. Cities and Urban Land Use

This class is designed to meet AP standards and requirements. The class will prepare students to take the AP Human Geography test in the spring. **Summer assignment required.** \$22.00 fee for review book.

AP PSYCHOLOGY §**01705****Level IV / Year-long / 1 credit**

○ 9 ○ 10 ● 11 ● 12

**Prerequisite: Teacher recommendation or must have a “C” or higher in previous SS Coursework.**

This course will introduce the Advanced Placement student to the systematic and scientific study of the behavioral 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 subfield within psychology. They also learn about the methods psychologists use to explore the processes involved in normal and abnormal perceptions, thought, feelings and actions. \$22.00 fee for review book.

AP U.S. GOVERNMENT & POLITICS §**01734****Level IV / Year-long / 1 credit**

○ 9 ○ 10 ● 11 ● 12

**Prerequisites: Teacher recommendation or must have a “C” or higher in previous SS Coursework.**

United States Government and Politics is an intensive study of the formal and informal structures of government and the processes of the American political system, with emphasis on policy-making and implementation. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. government and politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes in government and politics. Additionally, students will be able to analyze and interpret basic data relevant to U.S Government. \$22.00 fee for review book.

AP U.S. HISTORY §**01726****Level IV / Year-long / 1 credit**

○ 9 ● 10 ● 11 ● 12

**Prerequisites: Teacher recommendation or must have a “C” or higher in previous SS Coursework.**

The Advanced Placement Program in American History is designed to prepare the students for intermediate and advanced placement college courses by providing them with an educational experience equivalent to that of a full year introductory college course. The Advanced Placement course is recommended for those students who have demonstrated a high level of interest and (or) ability in history courses as well as the ability to analyze historical evidence and historical interpretation, and an ability to express historical understanding in writing. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. **Summer assignment required.** \$22.00 fee for review book.

ELECTIVE COURSES

Note: Each class is offered every year unless otherwise noted.

CURRENT AMERICAN PROBLEMS AND AFFAIRS

01721

Level III / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: None**

Current Affairs concentrates on major news developments and history in the making. What is happening on the international, national, and state and local scene today? This course attempts to trace current developments to their beginnings, and aims at taking a critical look at the methods used by mass media to project these events. Emphasis is directed towards problems or issues that have a greater degree of permanence, or a longer period of impact, rather than day-to-day occurrences that may or may not have a long-range significance.

POLITICAL SCIENCE (Odd Years)

01717

Level III / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: None**

School Year Offered: ODD school years (e.g., 2022-2023)

Political Science is both a course in the ideals of American Government and the realities of American politics. While the three branches of government (executive, judicial and legislative) are reviewed, much of the study is concerned with campaigning for public office, the work of office holders, legislation, political parties, elections, campaign financing, the media and politics, corruption in politics, and modes of citizen involvement in government. Emphasis is placed on becoming and staying informed regarding current political events. The potential also exists for students to prepare for the AP exam in American Government.

PSYCHOLOGY

01719

Level III / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: None**

This course will encourage the students to examine and to better understand the behavior of human beings. The students receive an insight into their personal adjustment and into the problems in society. Areas of study include: personality, intellectual ability, heredity, learning and environment, motivation, development psychology, memory, thinking, and problem solving. Different psychological viewpoints and theories will be discussed.

SOCIOLOGY

01715

Level III / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: None**

Sociology is the scientific study of people and their social interactions with other members of society. This course centers upon people's socialization and social adjustments which help to formulate social identity. We will investigate and compare cultures and the influence these cultures have on group behavior. Areas of major concentration will be crime, social stratification, values and norms, minorities, population and the stages and process of people's adjustment to the cultural environment.

Science Technology Engineering Math - STEM



Course	Number	Level	Freshman	Sophomore	Junior	Senior
STEM 21 st Engineering \$	01423	III		√	√	√
STEM Intro to Principles of Engineering	01470	IV	√	√	√	√
STEM Engineering Technology	01471	IV		√	√	√
STEM 3D Solid Modeling	01473	IV		√	√	√
STEM Civil Engineering & Architecture	01420	IV			√	√

Science Technology Engineering Math (STEM) offers a dynamic high school program that provides students with real-world learning and hands-on experience. Students interested in engineering, biomechanics, aeronautics, and other applied math and science arenas will discover STEM is an exciting portal into these industries.

STEM 21ST CENTURY ENGINEERING \$

01423

Level III / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12 **Prerequisite: None**



This course will use the most high-tech **3D modeling software** available to design and fabricate projects in conjunction with a 3D printer. Engineering design principles will be applied to develop and manufacture projects designed by you! A focus on electricity and electrical components will enable students to understand how electronics drive today's digital world. The construction of a personalized L.E.D sign will incorporate all aspects of 21st century engineering through the use of **3D Printing** and **Laser Engraving** technologies. \$10 fee required for L.E.D. Sign.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

STEM 3D SOLID MODELING

01473

Level IV / Year-long / 1 credit

○ 9 ● 10 ● 11 ● 12 **Prerequisite: Algebra**



3D Solid Modeling provides students the opportunity to turn their design concepts into reality! You will utilize **SolidWorks** software to create 3D solid models and physically generate them through a **3D Printer!** Students will become **nationally certified** giving them significant opportunities in postsecondary educational settings, or the professional world. Students who learn 3D Solid Modeling develop mechanical CAD, design validation, and data management skills that are in high demand among employers.

STEM CIVIL ENGINEERING & ARCHITECTURE**01420****Level IV / Year-long / 1 credit**

○ 9 ○ 10 ● 11 ● 12

**Prerequisite: None**

A STEM course that focuses on design concepts, fundamentals of architecture and civil design, home planning, and building details. The student will design and draw a set of plans for a small single family residence, design a commercial building, do specifications, draw floor plans, wall and building sections, structural calculations, plot plans, elevations and pictorial representation. Industry leading architectural software, Revit, is utilized in this course. There are possibilities for college credit on completion of the course.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

STEM ENGINEERING TECHNOLOGY**01471****Level IV / Year-long / 1 credit**

○ 9 ● 10 ● 11 ● 12

**Prerequisite: Algebra**

Students use a problem-solving model to improve existing products and invent new ones through the use of a 3D printer! Using sophisticated three-dimensional modeling software, students communicate the details of the products. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

STEM INTRO TO PRINCIPLES OF ENGINEERING (P.O.E.)**01470****Level IV / Year-long / 1 credit**

● 9 ● 10 ● 11 ● 12

**Prerequisite: None****This course may be taken as a science elective.**

This introductory course explores the wide variety of careers in engineering and technology and looks at various technology systems and manufacturing processes. Using activities, projects and problems, students learn firsthand how engineers and technicians use math, science and technology in an engineering problem-solving process to benefit people.

Technical Education & Engineering



Course	Number	Level	Freshman	Sophomore	Junior	Senior
Exploring Technology Education \$	01407	I	√	√	√	√
Useful Skills for Independent Living	01449	I		√	√	√
Wood: Technology & Processes \$	01401	II		√	√	√
Wood Fabrication Technology \$	01402	III		√	√	√
Carpentry	01404	IV				√
Auto Mechanics I	01412	II		√	√	√
Auto Mechanics II	01414	III			√	√
Auto Mechanics III	01415	III			√	√
Power: Technology & Processes	01431	II		√	√	√
Small Engines	01433	III			√	√
Metals: Technology & Processes \$	01435	II		√	√	√
Metals: Fabrication Technology \$	01436	III			√	√
Fundamentals of Construction	01446	II		√	√	√
Principles of Building Trades	01448	III			√	√
STEM Courses listed on page 93						
*STEM Introduction to Principles of Engineering (POE)	01470	IV	√	√	√	√
STEM Engineering Technology	01471	IV		√	√	√
STEM 3D Solid Modeling	01473	IV		√	√	√
STEM Civil Engineering & Architecture (CEA)	01420	IV			√	√
STEM 21 st Century Engineering \$	01423	III		√	√	√

**POE can be taken as a science elective*

Technical Education & Engineering Career Pathway

	Carpentry and Cabinetry Careers	Metal Fabrication and Welding Careers	Architecture and Mechanical Design Careers	Transportation Careers
Freshman	<ul style="list-style-type: none"> Exploring Technology Education 	<ul style="list-style-type: none"> Exploring Technology Education 	<ul style="list-style-type: none"> Exploring Technology Education 	<ul style="list-style-type: none"> Exploring Technology Education
Sophomore	<ul style="list-style-type: none"> Woodworking Technology and Processes Fundamentals of Construction 	<ul style="list-style-type: none"> Metals: Technology and Processes 	<ul style="list-style-type: none"> STEM Engineering Technology STEM POE STEM CEA 	<ul style="list-style-type: none"> Power Technology and Processes
Junior	<ul style="list-style-type: none"> Wood Fabrication Technology Principles of Building Trades 	<ul style="list-style-type: none"> Metals: Fabrication Technology 	<ul style="list-style-type: none"> STEM 3D Solid Modeling STEM POE STEM CEA 	<ul style="list-style-type: none"> Automotive Mechanics I Automotive Mechanics II
Senior	<ul style="list-style-type: none"> Principles of Building Trades Carpentry Wood Fabrication II 	<ul style="list-style-type: none"> Metals: Fabrication Technology 	<ul style="list-style-type: none"> Architecture II STEM 21st Century Engineering 	<ul style="list-style-type: none"> Automotive Mechanics III

FUNDAMENTALS OF CONSTRUCTION

01446

Level II / Year-long / 1 credit

○ 9 ● 10 ● 11 ● 12



ACE
ACADEMY



Prerequisite: Admission to Architecture, Construction, Engineering Academy *Please refer to ACE Section for course selection requirements

Introduction to Architecture, Construction, Engineering Academy (ACE) enriches student's awareness of careers and employment opportunities in the construction Industry. Several on-site field trips to construction sites will aid in student's knowledge of electrical workers, plumbers, roofers, carpenters, HVAC technicians, masons, heavy equipment operators and many more. ACE construction safety with an OSHA emphasis will be carried throughout the course. Students will have actual hands on experiences with stud wall construction, drywall, electrical, plumbing, and painting. Students will also understand the design and manufacturing process through the construction of customized projects.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

AUTO MECHANICS I

01412

Level II / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12 **Prerequisite: None**

Auto I is an introductory Auto Mechanics course designed to be a base toward further education in auto mechanics or to enable a driver to insure the safe operation and maintenance of an automobile. The major emphasis will include engine systems fundamentals, tire service, and brake systems. The laboratory portion of Auto I will include 27 competency based lab activities, such as safety inspections, engine systems tune-up, tire service, and simple engine diagnostic techniques.

AUTO MECHANICS II

01414

Level III / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12 **Prerequisite: Auto Mechanics I**

Auto II will provide a more in-depth study into individual auto components and the function and service of these components of systems. Areas of study will include the drive train, brake service, ignition service, electronic fuel injection, valve service, and cylinder and block service. Auto II laboratories will center on developing more experience in skills learned in Auto I plus the use of more sophisticated and complex testing equipment and tools.

AUTO MECHANICS III

01415

Level III / Semester / .5 credit

○ 9 ○ 10 ● 11 ● 12



Prerequisite: Auto Mechanics I and II

A study into the various areas of automotive diagnosis, trouble shooting, and repair of systems. The various areas covered will include the engine system diagnosis, chassis problem diagnosis and basic auto body. A study into the various areas of auto body service industry. Areas covered will include analysis, bumping and forming, autobody fillers and abrasives, metal replacement and finishing techniques.

CARPENTRY**01404****Level IV / (Block) Semester/ 1 credit**

○ 9 ○ 10 ○ 11 ● 12 Prerequisite: Currently enrolled in/completed Woods Fabrication OR completed Principles of Building Trades

Available to all students, but **required for students enrolled in ACE Program.**

This course is designed to provide basic instruction for the student interested in carpentry and will enable do-it-yourself persons to handle many construction jobs that they would otherwise be reluctant to undertake. Carpentry provides detailed coverage of all aspects of light frame construction; including site layout, foundations, framing, sheathing, roofing, windows and doors, exterior finish, and interior wall, floor and ceiling finish. Technological change and developments have modified the tools, machines and materials being used; therefore, careful attention will be given to new developments in the building industry. Class activities will include the following: working in the classroom and on a construction site, employing carpentry skills to construct a structure.

It is recommended to schedule this class with Principles of Building Trades during Senior year.

This course is transcripted with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

EXPLORING TECHNOLOGY EDUCATION \$**01407****Level I / Year-long / 1 credit**

● 9 ● 10 ● 11 ● 12 Prerequisite: None

The purpose of this course is to introduce students to the Technology Education Program at Burlington High School. Exploring Tech. Ed. is divided into sections that include woodworking, metals, engineering design, and transportation. The main emphasis of each of these sections is to introduce the basics of the concepts and skills involving the machines, tools, materials, and processes used in technology in these areas. Projects include a folding stool, tool box, SolidWorks, and a working mini-bike. \$35 fee.

METALS: TECHNOLOGY & PROCESSES \$**01435****Level II / Semester / .5 credit**

○ 9 ● 10 ● 11 ● 12 Prerequisites: None

This course is designed to provide the student with a basic foundation and skill development in the major areas of the metalworking industries: sheet metal, machine shop, plasma cutting, and welding. The major emphasis in each area will be to learn the basic concepts and tool operations through the use of actual shop work situations. Related technical information will also be presented in each of the areas. The student will also learn the operations in program with a CNC machine. \$25 fee

METALS: FABRICATION TECHNOLOGY \$**01436****Level III / Semester / .5 credit**

○ 9 ○ 10 ● 11 ● 12

**Prerequisite: Metals: Technology & Processes is required**

The course content revolves primarily around the machine shop, welding, sheet metal, and computer numerical control areas of the metalworking industries. In-depth study is provided in each area, with the major emphasis on the projects constructed from these areas. In addition, the student selects a major project to provide extensive shop work activities in one or more of the above areas. *Cost of materials used in this course will vary depending upon the project(s) selected by the student.*

POWER: TECHNOLOGY & PROCESSES**01431****Level II / Semester / .5 credit**○ 9 ● 10 ● 11 ● 12 **Prerequisite: None**

This course is the study of the generation and conversion of energy to power and the transmission, control and use of this power through mechanical and fluid devices. Lab work centers on disassembly, precision measurement, re-assembly and running checks on a small vertical or horizontal crankshaft Briggs & Stratton 4-cycle engine. Hydraulics and pneumatics are also covered in the lab, as well as power transmission devices.

PRINCIPLES OF BUILDING TRADES**01448****Level III / (Block) Semester/ 1 credit**

○ 9 ○ 10 ● 11 ● 12

**Prerequisite: Fundamentals of Construction (Intro to ACE) OR with permission of instructor**Available to all students; however, **an ACE Academy requirement.**

Principles of Building Trades is the second level course available to students enrolled in the Architecture, Construction, Engineering Academy. In this course, students will have hands on experiences in constructing full scale wall sections, roof sections, masonry work, electrical wiring, plumbing supply, fixtures, and drainage, as well as on-site visits to residential and commercial construction projects.

It is recommended to schedule this class with Carpentry during Senior year. This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

SMALL ENGINES**01433****Level III / Semester / .5 credit**

○ 9 ○ 10 ● 11 ● 12

**Prerequisite: Power: Technology & Processes or Auto I**

This course is designed for the student desiring to develop skill and ability to deal with small engine and recreation vehicle service problems. Major emphasis will be placed on the overhaul, tune-up maintenance of small engines. Theoretical work will be kept to a minimum and system diagnosis and trouble shooting will be performed on student engines and vehicles. Students should have access to 2 small engines, either 2 or 4-stroke cycle, for this class.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

STEM 21ST CENTURY ENGINEERING \$**01423****Level III / Semester / .5 credit**

○ 9 ● 10 ● 11 ● 12

**Prerequisite: None**

This course will use the most high-tech 3D modeling software available to design and fabricate projects in conjunction with a 3D printer. Engineering design principles will be applied to develop and manufacture projects designed by you! A focus on electricity and electrical components will enable students to understand how electronics drive today's digital world. The construction of a personalized L.E.D sign will incorporate all aspects of 21st century engineering through the use of 3D Printing and Laser Engraving technologies. \$10 fee required for L.E.D. Sign.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

STEM CIVIL ENGINEERING & ARCHITECTURE

01420

Level IV / Year-long / 1 credit

○ 9 ○ 10 ● 11 ● 12



Prerequisite: None

Available to all students; however, **an ACE Academy requirement.**

A STEM course that focuses on design concepts, fundamentals of architecture and civil design, home planning, and building details. The student will design and draw a set of plans for a small single family residence, design a commercial building, do specifications, draw floor plans, wall and building sections, structural calculations, plot plans, elevations and pictorial representation. Industry leading architectural software: Revit is utilized in this course. There are possibilities for college credit on completion of the course.

This course is transcribed with Gateway Technical College. This means that you have the option to be concurrently enrolled at GTC during the duration of this course. If you meet all of GTC's requirements and minimum grade of C (on their grading scale), you will receive three college credits at the end of the course.

USEFUL SKILLS FOR INDEPENDENT LIVING

01449

Level I / Semester / .5 credit

○ 9 ● 10 ● 11 ● 12 **Prerequisite: Can NOT have taken MORE THAN ONE Tech Ed course**

This course is directed towards those who would like to possess useful life skills. **You can NOT have taken MORE THAN ONE Tech Ed course to enroll in this course.** Whether you own a home or rent, buy a car or lease, the following areas of study will save you money and make you a more informed consumer. Units will include basic electrical, plumbing, and heating ventilation and air conditioning/weatherization. Home doors, locks, windows, and flooring will also be covered as well as hand and power tool usage including fasteners and hardware. Automotive fluid checks, safety, and tire changing will be demonstrated.

WOOD: TECHNOLOGY & PROCESSES §**01401****Level II / Semester / .5 credit**○ 9 ● 10 ● 11 ● 12 **Prerequisite: None**

This course is a comprehensive woodworking course that includes coverage of technology, materials, tools, machines and methods. Projects will be required and used as a testing device on skills and concepts learned. CNC and laser engraving technologies will be utilized to enhance projects. *Cost of materials used in this course will vary depending upon the project selected by the student.*

WOOD FABRICATION TECHNOLOGY §**01402****Level III / Year / 1 credit**○ 9 ● 10 ● 11 ● 12 **Prerequisite: Wood: Technology and Processes**

This course is designed to aid anyone interested in the advanced fundamentals of materials, tools, machines, and processes that are used in the building of cabinets and interiors, the production of furniture, and the other work of the finish carpenter, cabinet maker, and mill man. The student will gain an appreciation of good design, an understanding of the nature of the material with which they work, and knowledge of what modern science and technology have accomplished in this field. Using the independent study concept the student is expected to design and construct a project that includes a number of operations and skills set down by the instructor. The project will be used as a testing device and contain enough detail to last the length of the course. *Cost of materials used in this course will vary depending upon the project selected by the student.*

Vanguard



***Additional steps will be needed to register for these distance learning classes. Please see your counselor for more information.**

Burlington High School is proud to partner with Gateway Technical College to offer the VANguard Network. Through this partnership, Burlington High School is able to promote distance learning opportunities for our students utilizing state-of-the-art technologies including video classroom technology, online learning tools, and emerging technologies to meet the instructional needs of our students. These classes (except for German) will count for dual credit at Gateway and at Burlington High School.

Course	Number	GTC Credit	BHS Credit	Freshman	Sophomore	Junior	Senior
American Sign Language 1-4	VGASL1 - 4	2	.5	√	√	√	√
German 1-3*	VGG1-3	0	1.0	√	√	√	√
Intro to Programming & Database	VGIP	4	1.0	√	√	√	√
Medical Terminology	VGMT	3	.75	√	√	√	√
Microcomputer Programming Advanced	VGMP	3	.75	√	√	√	√
Mobile Device Application Programming	VGMD	3	.75	√	√	√	√
Game Programming, I	VGGP	3	.75	√	√	√	√
Web Programming, I	VGWEB	3	.75	√	√	√	√

- German is not offered as a dual credit class or Laude Point

FALL: 533-126 AMERICAN SIGN LANGUAGE 1

VGASL1

Level IV / Semester / .5 credit

- 9 • 10 • 11 • 12 Prerequisite: none



It is recommended that students enroll in both ASL 1 (first semester) and ASL 2 (second semester).

This course will focus on intensive vocabulary development and basic American Sign Language sentence structures. Students will also study American Deaf Culture and learn the basics of proper etiquette when communicating in a signing/hearing environment. The students will begin to develop both expressive and receptive ASL skills.

SPRING: 5233-127 AMERICAN SIGN LANGUAGE 2

VGASL2

Level IV / Semester / .5

- 9 • 10 • 11 • 12 Prerequisite: ASL 1



It is recommended that students enroll in both ASL 1 (first semester) and ASL 2 (second semester)

This is a continuation in the development from phrases and simple sentences to complex structures. It will focus on the development of conversational American Sign Language skills. Students will further develop an understanding of the history and culture of the deaf community in the United States.

FALL: 533-128 AMERICAN SIGN LANGUAGE 3**VGASL3****Level IV / Semester / .5 credit****• 9 • 10 • 11 • 12****Prerequisite: ASL 2**

It is recommended that students enroll in both ASL 3 (first semester) and ASL 4 (second semester).

This is a continuation of the development of ASL. Students will advance from being able to understand complex sentence structures to being able to express complex thoughts and ideas in ASL. Students will study basic linguistic rules and explanations for ASL. Students will further their understanding of Deaf culture through literature and the arts.

SPRING: 533-129 AMERICAN SIGN LANGUAGE 4**VGASL4****Level IV / Semester / .5 credit****• 9 • 10 • 11 • 12****Prerequisite: ASL 3**

It is recommended that students enroll in both ASL 3 (first semester) and ASL 4 (second semester).

This course will enhance the students understanding of ASL. They will continue to develop confidence and expertise in the proper use of ASL in a variety of formats. Students will further develop their linguistics understanding of ASL. Students will continue to learn about Deaf culture in American and around the world.

GERMAN I**VGG1****Level IV / Year Long / 1.0 credit****• 9 • 10 • 11 • 12 Prerequisite: None**

German 1 is a course for giving students a basic knowledge of the sound structure, grammatical concepts, and conversation patterns of the German language. Emphasis is on conversational German with some exposure to writing. German culture in the form of history, geography, eating, sports, customs, etc., are also included in the curriculum to insure an understanding of the German-speaking people. *German 2 VGG2, 3 VGG3, and 4 VGG4 are also available.*

FALL:152-126 INTRO TO PROGRAMMING&DATABASE**VGIP****Level IV / Semester / 1.0 credit****• 9 • 10 • 11 • 12****Prerequisite: None**

This class will introduce students to the structures, logic, and controls of programming techniques and database applications. Students will be able to develop a program that will utilize a database.

SPRING: 152-151 MICROCOMPUTER PROGRAMMING ADV**VGMP****Level IV / Semester / .75 credit****• 9 • 10 • 11 • 12****Prerequisite: Intro to Programming**

A class in advanced microcomputer programming techniques. This class will examine trends in microcomputer program development including use of objects, database access, receiving user input, displaying output, error handling, application controls, and online assistance.

FALL:152-164 MOBILE DEVICE APPLICATION PROGRAMMING

VGMD

Level IV / Semester / .75 credit



• 9 • 10 • 11 • 12 Prerequisite: Intro to Programming

This course teaches students to develop applications for mobile platforms. Students will utilize a Software Development Kit (SDK) to develop working applications.

SPRING: 152-157 GAME PROGRAMMING I

VGGP

Level IV / Semester / .75 credit



• 9 • 10 • 11 • 12

Prerequisite: Intro to Programming

This class examines modern technologies for computer game development. Students will learn how to install development components. In addition, students will learn how to draw game elements.

SPRING/FALL: 152-182 WEB PROGRAMMING I

VGWEB

Level IV / Semester / .75 credit



• 9 • 10 • 11 • 12

Prerequisite: None

This course teaches students essential Web page development skills. Students will build an understanding of how to manage the Application Life Cycle, build the User Interface by using HTML5, and format the User Interface by using CSS, code by using Javascript. Other topics include validating HTML and CSS code, recognizing the importance of marketing, and implementing fundamental design concepts.

SPRING/FALL: 501-101 MEDICAL TERMINOLOGY

VGMT

Level IV / Semester / .75 credit



• 9 • 10 • 11 • 12

Prerequisite: None

If students take this Medical Terminology course, they will gain knowledge that they can apply to all healthcare fields. The class is many times required for Medical School, Dental School, Physician Assistant Programs, Nursing, Pharmacy School, Emergency Medical Services and many other health professions. The medical vocabulary and human body terms will serve as a foundation for the more advanced courses students will take in college and for professional programs. Since this course is a Gateway Technical College course, college or universities may accept transfer of credit; this will be determined by the institution accepting the credit. Gateway Technical College has articulation agreements with most of the colleges and universities in the area. If students decide to go to one of the Wisconsin Technical Colleges this course will transfer for full credit into the Health Information Technology Program, Pharmacy Technician Program, Health Unit Coordinator Program and the Medical Assistant Program.

WE – BHS



Wellness Education – Brain and Health Science

Course	Number	Level	Freshman	Sophomore	Junior	Senior
Physical Education 9 (Required <i>before</i> all other courses)	06009 06009F 06009M	I	√			
Health (Required)	06014	I		√		
Individual Activities* \$	06010	II	√	√	√	√
Life Fitness Training*	06018	II	√	√	√	√
Speed, Strength and Conditioning I*	06015	II	√	√	√	√
Team Activities* \$	06011	II	√	√	√	√
Exercising the Brain* \$	06013	III			√	√
Speed, Strength, and Conditioning II*	06017	III			√	√
Trends in Fitness*	06016	III			√	√
Senior Physical Education \$	06020	IV				√

***Note:** Students are required to take a .5 credit of physical education each year freshman through junior year. Any other physical education classes taken throughout those same years will go toward elective credit only. These physical education classes may also be taken more than once for elective credit.

Grade Level	Required Classes	Elective Classes
Freshmen Year	PE 9 - .5 credit	*Need to take PE9 before these classes -Life Fitness Training - .5 credit -Speed/Strength/Conditioning - .5 credit -Individual Activities- .5 credit -Team Activities- .5 credit
Sophomore Year	Health - .5 credit AND Life Fitness Training - .5 credit OR Speed/Strength/Conditioning - .5 credit OR Individual Activities - .5 credit OR Team Activities - .5 credit	-Life Fitness Training - .5 credit -Individual Activities- .5 credit -Speed/Strength/Conditioning- .5 credit -Team Activities- .5 credit -Trends in Fitness- .5 credit
Junior Year	Life Fitness Training - .5 credit OR Trends in Fitness - .5 credit OR Speed/Strength/Conditioning - .5 credit OR Speed/Strength/Conditioning II - .5 credit OR Individual Activities - .5 credit OR Team Activities - .5 credit OR Exercising the Brain - .5 credit	-Exercising the Brain- .5 credit -Life Fitness Training - .5 credit -Individual Activities- .5 credit -Speed/Strength/Conditioning- .5 credit -Speed/Strength/Conditioning II- .5 credit -Team Activities- .5 credit -Trends in Fitness- .5 credit
Senior Year (Elective)	1.5 credits of Physical Education fulfilled OR Any elective physical education course	-Exercising the Brain .5 credit -Life Fitness Training .5 credit -Individual Activities .5 credit -Senior Physical Education.5 credit -Speed/Strength/ Conditioning .5 credit - Speed/Strength/Conditioning II .5 credit -Team Activities .5 credit -Trends in Fitness .5 credit

EXERCISING THE BRAIN \$**06013****Level III / Semester / .5 credit**○ 9 ○ 10 ● 11 ● 12 **Prerequisite: PE9 and 10th grade PE credit**

This course will emphasize the Physiology of Wellness. Students will spend two class periods a week in the classroom covering topics that relate to the brain. Topics covered include sleep, drugs, emotional health problems, how the brain learns, teenage brain, differences between the male and female brain, and many others. The other days will be spent in the gym doing a variety of physical activities including team sports, individual sports, and bowling. An extra fee of \$25 for bowling and busing will apply when taking this course.

HEALTH (Required)**06014****Level I / Semester / .5 credit**○ 9 ● 10 ○ 11 ○ 12 **Prerequisite: None**

This course is offered to sophomores. Health education is a course that provides students with an understanding of their own health and wellness. This class will allow students to engage in learning activities that will increase their knowledge in various health issues. The following units will be covered: Goal Setting and Decision Making, - Mental and Emotional Health, - Alcohol, Tobacco, and Other Drugs, - Chronic and Communicable Diseases, - Human Growth and Development, - Nutrition, and - First Aid/CPR.

INDIVIDUAL ACTIVITIES \$**06010****Level II / Semester / .5 credit**● 9 ● 10 ● 11 ● 12 **Prerequisite: PE9**

This course is designed to offer students the opportunity to experience a variety of individual lifetime activities. These activities include golf, archery, bowling, tennis, badminton, pickle ball, fitness walking, strength training, fitness training, Disc Golf, etc. An extra fee of \$25.00 will apply for bowling for this course.

LIFE FITNESS TRAINING**06018****Level II / Semester / .5 credit**● 9 ● 10 ● 11 ● 12 **Prerequisite: PE9**

Life Fitness Training is designed to improve students' cardiovascular endurance, muscular strength and endurance, flexibility, and body composition. Throughout each week we will spend time doing the following: weight training, plyometrics, yoga/Pilates, core training, cardiovascular training (kickboxing, etc.), and circuit training. Other topics covered include target heart rate, program design, weight room etiquette, and training safety.

PHYSICAL EDUCATION 9 (Required)**06009****Level I / Semester / .5 credit**

● 9 ○ 10 ○ 11 ○ 12

06009F-Female only**06009M - Male only****Prerequisite: None**

This course is designed to offer a variety of team and individual activities. The following are all of the units that will be covered throughout freshman year: hockey, football, soccer, tennis, badminton, weightlifting, softball, fitness testing, swimming, decision making, and fitness days. **This course will also be offered with a gender specific section of females only or males only. Participation is voluntary with a minimum and maximum number of students required in order for the class to be offered. Curriculum and content will not vary, however, methods of instruction may. Be certain to indicate as a separate choice on your selection sheet.**

SENIOR PHYSICAL EDUCATION**06020****Level II / Semester / .5 credit**○ 9 ○ 10 ○ 11 ● 12 **Prerequisite: None.**

This course is designed to offer seniors at Burlington High School, who have completed 1.5 credits of Physical Education, the opportunity to experience a variety of outdoor and indoor activities that will help them become lifelong learners of Wellness. Topics covered include boating, hiking, open water fishing, ice fishing, archery, outdoor survival, golf, pickleball, badminton, lawn games, bowling, frisbee golf and high ropes. An extra fee of \$25 for bowling and busing will apply when taking this course.

SPEED, STRENGTH AND CONDITIONING I**06015****Level II / Semester / .5 credit****● 9 ● 10 ● 11 ● 12 Prerequisite: PE9**

Speed, Strength and Conditioning I is a class designed to educate students how to improve agility, balance, coordination, power, reaction time, lateral movement and speed. Three days a week the students will participate in weight room activities. The exercises will include teacher/student led workouts. The students will participate in movement activities during the other two days of the week. Other topics covered include muscular anatomy, program design, variety of exercises, weight room etiquette, training safety, self-assessments, goal setting, nutritional plans, and the benefits of living an active lifestyle.

SPEED, STRENGTH, AND CONDITIONING II**06017****Level III / Semester / .5 credit****○ 9 ○ 10 ● 11 ● 12 Prerequisite: PE9 and 10th grade PE credit**

Speed, Strength and Conditioning II is a class designed to educate students how to improve agility, balance, coordination, power, reaction time, lateral movement, and speed. The students will design an exercise program focusing on desired outcomes to implement as a lifetime activity. Three days a week the students will participate in weight room activities. The exercises will include teacher/student led workouts. The students will participate in movement activities during the other two days of the week. Other topics covered include muscular anatomy, program design, variety of exercises, weight room etiquette, training safety, self-assessments, peer-assessments, overload principle, goal setting, functional vs. traditional weight training, nutritional plans, strength/fitness training APPS, and the benefits of living an active lifestyle.

TEAM ACTIVITIES**06011****Level II / Semester / .5 credit****● 9 ● 10 ● 11 ● 12 Prerequisite: PE9**

This course should be taken by students who love to compete in team activities. A portion of the student's semester grade will be based on their skill level. Team Activities included in this course are the following: hockey, basketball, football, soccer, team handball, ultimate frisbee, speedball, volleyball, softball, lacrosse, and fitness. Two days per week will focus on fitness concepts.

TRENDS IN FITNESS**06016****Level III / Semester / .5 credit****○ 9 ○ 10 ● 11 ● 12 Prerequisite: PE9 and 10th grade PE credit**

Trends is a course that will allow students to experience the latest approaches to fitness through yoga, Pilates, body toning and cardiovascular training. The activities are designed to improve one's cardiovascular system and muscular strength and endurance. Students will examine the newest innovations in fitness technology such as the use of heart rate transmitters and fitness apps. Students will work to reach their personal wellness goals and understand the importance of leading a healthy lifestyle.

World Languages



Course	Number	Level	Freshman	Sophomore	Junior	Senior
Spanish I	01360S	I	√	√	√	√
Spanish II	01362	II	√	√	√	√
Spanish III \$	01364	III		√	√	√
Spanish IV	01366	IV			√	√
Spanish V	01368	IV			√	√
Spanish for Spanish Speakers I \$	01392	III	√	√	√	√
Spanish for Spanish Speakers II \$	01394	IV	√	√	√	√
Spanish for Medical Professions \$	01390	IV			√	√

Explanation of World Languages Scope and Sequence

In an increasingly diverse world, students must be prepared to accept the challenge of our changing society. Through BHS World Languages, students participate in rigorous curriculum that prepares them to use the target language in real world situations. Learning a language takes dedication, excellent study skills, advanced knowledge of the English language, and personal motivation. The World Language program at BHS immerses students in the target language from the start, with 90% target language spoken at the first two levels, and 100% target language spoken at the higher levels (III – V).

Introductory Level: The first level of French and Spanish will provide the foundation necessary to successfully advance to Level II. The student will be exposed to culture, geography, literature, and history of the countries pertaining to the target language. The students will be presented with the necessary tools to achieve proficiency in listening, speaking, reading, and writing in the target language.

Level II: The second level of French and Spanish will provide the foundation necessary to successfully advance to Level III. The student will be exposed to culture, geography, literature, and history of the countries pertaining to the target language.

Level III: The third level of the languages will continue with the enhancement of the target language. Goals of this level are to expand vocabulary and situational language proficiencies. The students will listen, speak, read, and write in the target language at an intermediate level. Completion of this level in the language sequence has traditionally allowed the student to earn advanced placement at the university level.

Level IV: The fourth level of the language is designed for those students who plan to further their language study after high school. Literary traditions of the target language are studied as well as the cultures and histories of the targeted countries. Upon completion of this level, students are well prepared for success in the advanced courses at most universities.

Level V: The fifth level of the language continues intense language exploration. Through literature, history, and culture, students continue communication in the target language.

SPANISH

SPANISH I

01360S

Level I / Year-long / 1 credit

● 9 ● 10 ● 11 ● 12 **Prerequisite: A “C” average or above in previous English coursework is strongly recommended.**

Spanish I is a fast-paced, foundational course. Spanish I students immediately begin to ask questions and respond in Spanish. Throughout the first semester, students will gain basic grammar skills used in conversation. Topics of discussion will include school, family, personal interests, sports and pastimes, making vacation plans, seasons, weather, clothing, negotiating price, and daily routine. Every week throughout the year, students will be asked to increase the amount of listening, reading, writing, as well as the amount of vocabulary studied. Short presentations, as well as interpersonal conversations, are an integral part of this course. Additional areas of study include geography of Spanish speaking countries, music, and Hispanic culture throughout the world. The class is taught using immersion techniques. This means that Spanish is spoken 90% of the time. Students are expected and required to speak Spanish during class. At the conclusion of Spanish I, students should be able to communicate effectively in Spanish in a variety of basic situations.

SPANISH II

01362

Level II / Year-long / 1 credit

● 9 ● 10 ● 11 ● 12 **Prerequisite: Spanish I or teacher approval**

A “C” average or above in previous English and Spanish coursework is strongly recommended.

Spanish II students actively converse, read short stories, and expand their writing skills in Spanish. Students will know and distinguish various past, present, and future tenses. Students will compare and contrast culture, and geography of the various Spanish-speaking countries. Topics of discussion will include daily routine, ordering and describing food, health and medical conditions, technology and common household electronics, automobiles, chores, and nutrition. The Spanish II student will continue to sharpen the skills of reading, writing, and speaking in Spanish only. The class is taught using immersion techniques. This means that students are expected and required to speak Spanish during class. The course is taught 90% in the target language at the beginning of the year and will progress to 100% Spanish by the end of Spanish II.

SPANISH III \$

01364

Level III / Year-long / 1 credit

○ 9 ● 10 ● 11 ● 12



Prerequisite: Spanish II or teacher approval. A “C” average or above in previous English and Spanish coursework is strongly recommended.

Spanish 3 students will further their development of Spanish listening, speaking, reading and writing proficiencies. Through a variety of conversations, presentations and listening activities students will hone their speaking and listening skills. Topics for conversations and presentations may include show and tell, daily life, current events, pop culture, debates and demonstration speaking. Students will further their reading and writing skills through advanced study of grammatical structures and verb tenses as well as through the use of authentic reading materials such as novels, short stories, essays and news articles. This course is conducted 100% in Spanish and students are expected to converse and respond in Spanish. This is not meant to scare students, rather to immerse them in the language in a non-threatening way from the moment they enter the classroom. \$25 fee for a workbook.

SPANISH IV**01366****Level IV / Year-long / 1 credit**

○ 9 ○ 10 ● 11 ● 12

**Prerequisite: Spanish III or with teacher approval. A “C” average or above in previous English and Spanish coursework is strongly recommended.**

Spanish IV offers the student the opportunity to forge a strong, flexible use of the language. Units are chosen according to the abilities and backgrounds of the students. Possible areas of endeavor are travel, studying regions of Spain, reporting on Latin American nations, and cooking Hispanic foods. Authentic literary selections of well-known Spanish speaking authors may include, but are not limited to, Labarta, Eisen, Garcia Márquez, Azuela, Borges, and Cervantes. Students will improve their language proficiencies through conversations, debates, and round table discussions. Prospective students are encouraged to discuss the format of Spanish IV with the instructor. We will continue with the workbook used in Spanish III.

SPANISH V**01368****Level IV / Year-long / 1 credit**

○ 9 ○ 10 ● 11 ● 12

**Prerequisite: Spanish IV or with teacher approval.****A “C” average or above in previous English and Spanish coursework is strongly recommended.**

Students of Spanish at this level will have the opportunity to enhance their listening, speaking, reading and writing proficiencies through a series of activities including, **in depth** analyzation and review of authentic materials from Latino writers. Students will research and present topics related to Spanish speaking countries. Topics will include, but are not limited to politics, history, geography, traditions, and daily life.

SPANISH FOR SPANISH SPEAKERS I (Odd Years) \$**01392****Level III / Year-long / 1 credit****● 9 ● 10 ● 11 ● 12 Prerequisite: Teacher Approval (Odd Years only, e.g., 2022-2023)**

This course is designed for those individuals *who have extensive Spanish speaking abilities* (speak Spanish in the home on a daily basis). The class will expand the Spanish language skills of the students to include Spanish reading comprehension, creative writing and formal speaking. Spanish for Spanish Speakers I merges vocabulary taught in Spanish I and II with cultural ideals of Hispanic cultures throughout the world. The course will be designed to meet the individual’s needs, interests and ability levels. A teacher approved Spanish/English dictionary and the purchase of a workbook will be required. \$16.00 fee.

ESPAÑOL PARA LOS HISPANOHABLANTES I (sólo los años nones) \$ 01392

Year-long / 1 credit

• 9 • 10 • 11 • 12 Prerequisite: con la aprobación de la maestra (sólo los años nones, 2022-2023)

Esta clase es diseñada para los estudiantes que tienen conocimiento avanzado del español hablado. Este curso aumentará las destrezas de los estudiantes en el área de gramática y literatura, incluyendo lectura comprensiva, composición y oratoria. Los temas del curso incluyen literatura, historia, geografía, política, y noticias actuales relacionadas con la cultura hispanohablante de todo el mundo. El curso estará diseñado de acuerdo con las necesidades, intereses y niveles de habilidad lingüística de los estudiantes. Se necesitará un diccionario bilingüe español/inglés, un cuaderno de ejercicios, y una novela (el costo será determinado). La matrícula \$16.00

SPANISH FOR SPANISH SPEAKERS II (Even Years) \$ 01394

Level IV / Year-long / 1 credit

• 9 • 10 • 11 • 12

Prerequisite: Spanish for Spanish Speakers I (Even Years only, e.g., 2021-2022)

This class will continue the studies from Spanish for Spanish Speakers I. The emphasis will be on more formalized speech and writing skills. The study of Hispanic/Latino culture, history, geography, and literature will be continued, and the individual interests and abilities will be targeted. A teacher approved Spanish/English dictionary will be required. \$16.00 fee

ESPAÑOL PARA LOS HISPANOHABLANTES II (sólo los años pares) \$ 01394

Year-long / 1 credit • 9 • 10 • 11 • 12

Prerequisite: Español para los Hispanohablantes I (sólo los años pares, 2021-2022)

Esta clase continuará los estudios de español para los hispanohablantes uno. Se dará énfasis al desarrollo del idioma formal y escrito. Se continuará con el estudio de la cultura, historia, geografía y literatura hispana/latinoamericana. Los intereses y las habilidades del individuo guiarán la clase. Los estudiantes necesitarán un diccionario bilingüe español/inglés. La matrícula \$16.00

SPANISH FOR MEDICAL PROFESSIONS (Odd Years) \$ 01390

Level IV / Year-long / 1 credit

○ 9 ○ 10 • 11 • 12

Prerequisite: Spanish III or teacher approval (Odd Years only, e.g., 2020-2021)

Spanish for Medical Professions is a course designed for advanced level Spanish students who wish to broaden vocabulary skills while using everyday practical situational Spanish. The content of this course focuses on language used in medical professions as well as cultural situations, which doctors, technicians, nurses, and EMTs may experience. Students will gain a vast knowledge of medical Spanish terms, cultural aspects of medicine, and a confidence in using Spanish in a medical profession.

