

# DANBURY HIGH SCHOOL



**2024-2025**

**CURRICULUM GUIDE  
& COURSE OFFERINGS**

## **PURPOSE OF THE BOOKLET**

This booklet is designed to aid students in the selection of courses that will best fit their career plans. Many courses are required by the Ohio State Department of Education and/or by the Danbury Board of Education to fulfill graduation requirements. Students must pass these courses and meet the current graduation requirements as set forth by the Ohio Department of Education. **No student will be permitted to graduate without the completion of all requirements.** Some courses require prerequisites. (A prerequisite may be a certain grade in a lower-level course(s), a certain cumulative GPA or permission of the instructor.) These are clearly defined with the description of the course. Students should consult with the school counselor, administrator, teacher(s), and/or parent(s) when selecting courses.

## **COURSE SELECTION**

Ohio has joined the Partnership for 21<sup>st</sup> Century Skills. Whether you plan to be a nuclear scientist, a nurse, a carpenter, etc. you will need certain skills to be competitive. Many of these skills require higher levels of math, science, and communication skills. The Ohio Core requires that all students pass Algebra II or its equivalent in order to receive a diploma. Specific academic skills are required to enter a specific field in college, especially in the areas of technology, engineering, and science. Your choice of courses may determine what areas you can study after high school. It is important to not take the “easy way out” as this may diminish your choices after graduation.

Danbury High School has many different options available to students as they chart out their future career plans. These include *Bowling Green State University*, *University of Findlay* and *Owens Community College* courses (taught at Danbury, by Danbury teachers), on-line classes, EHOVE Career Center, tech prep, and post-secondary enrollment options.

Every effort will be made to schedule students into the courses of their choice and qualification, but not all courses will be offered each year. In order for students to make an informed decision about course selections each year they will complete a plan for their high school career and revisit it each spring.

## **SCHEDULE CHANGES/DROPPING COURSES**

After spring registration, no schedule changes will be made without the approval of the school counselor and principal. All students must be registered for a minimum of five courses.

Students may drop a course after the first month of a semester, or at the semester, with the approval of the parent, school counselor and the principal. **Classes dropped after this time will result in a failing grade for the semester.**

## **REQUIREMENTS FOR GRADUATION – CLASS OF 2023 AND BEYOND**

A student may not receive a diploma from Danbury High School unless he or she has fulfilled the requirements for graduation established by The Ohio Department of Education and the Danbury Local Schools Board of Education.

State law introduced new, permanent graduation requirements for students in the class of 2023 and beyond. Students entering ninth grade **after July 1, 2019**, must meet the new requirements outlined in state law.

All seniors must complete 20 hours of community service during their high school career (see note below). The minimum requirements for graduation shall be 21.5 credits, completion of the current testing requirements as set forth by the Ohio Department of Education, along with a community service requirement of 20 hours. **(The Danbury administration believes that service to one’s community is a lifetime obligation. All students are responsible for twenty hours of community service, which may be performed anytime during their four years of high school and beginning in the summer of their 9<sup>th</sup> grade year.)**

**DANBURY HIGH SCHOOL**

**MINIMUM GRADUATION CREDIT REQUIREMENTS**

<b>CONTENT AREA</b>	<b>CREDIT(S) REQUIRED</b>
<b>ENGLISH / LANGUAGE ARTS</b>	<b>4</b>
<b>MATH</b> (must include Algebra 2 or equivalent)	<b>4</b>
<b>SOCIAL STUDIES</b>	<b>3</b>
<b>SCIENCE</b>	<b>3</b>
<b>SKILLS FOR LIFE</b>	<b>0.5</b>
<b>HEALTH</b>	<b>0.5</b>
<b>PHYSICAL EDUCATION</b>	<b>0.5</b>
<b>FINE ARTS</b>	<b>1</b>
<b>PERSONAL FINANCE</b>	<b>0.5</b>
<b>ELECTIVES</b>	<b>4.5</b>
<b>TOTAL CREDITS FOR GRADUATION</b>	<b>21.5</b>
<b>COMMUNITY SERVICE HOURS (REQUIRED)</b>	<b>20</b>

### **REQUIRED COURSE LOAD**

The normal load for all full-time students at Danbury High School will consist of 5 – 7 units of credit. Unless a student is taking 2 or more College Credit Plus classes, students are not to have more than 1 study hall in their schedule. This includes positions as an aide. Exceptions to this rule may apply to students earning flex credit, students who are in a program to recover credit, or other specific situations as approved by the principal. Students are urged to select as many courses as possible in the fields of mathematics, science, and foreign language. These courses, in addition to the required units in English and social studies, will serve to keep the doors open to the greatest number of opportunities in post-secondary education.

### **CLASS STANDING**

Once in high school, students begin to earn units of credits toward graduation as outlined above.

Designation for grade level assignment will be based on the following:

Grade 9	Freshman	0-5 credits
Grade 10	Sophomore	5.25-10 credits
Grade 11	Junior	10.25-15 credits
Grade 12	Senior	15.25+ credits

### **PHYSICAL EDUCATION WAIVER**

The Ohio CORE allows a waiver of formal Physical Education classes for students who participate in two seasons of sports, marching band, or cheerleading at their school. The PE credit must be replaced with another course, which contains at least 60 hours or ½ credit.

### **HONORS VS REGULAR DIPLOMA**

Danbury High School issues two types of high school diplomas: Honors and Regular. Ohio students have the opportunity to choose to pursue one of six honors diplomas. It is important that students, as early as their freshman year, plan for the type of diploma they wish to receive at graduation. The appropriate Honors Diploma sticker will be attached to the diploma if students meet the requirements for one of the six honors diplomas. *To see the options, please visit the Ohio Department of Education & Workforce website and search for 'Honors Diplomas.'* *The requirements for the Academic Honors Diploma are listed below.*

***(Requirements as of 12/5/23 from the Ohio Department of Education website and are subject to change or be updated during the 2024-2025 school year.)***

### **“PREVIOUS” ACADEMIC HONORS DIPLOMA (CLASS OF 2025 ONLY)**

*Any student in the class of 2025, may use the new honors diploma options, but may also use the previous requirements below to earn an honors diploma. Students must meet **all but one** of the following criteria, unless it is a minimum graduation requirement. Students must meet general graduation requirements to qualify for honors diplomas.*

<b>MATH</b>	4 units
<b>SCIENCE</b>	4 units, including 2 units of advanced science
<b>SOCIAL STUDIES</b>	4 units
<b>WORLD LANGUAGES</b>	3 units of one world language or no less than 2 units of each of two world languages studied
<b>FINE ARTS</b>	1 unit
<b>GPA</b>	3.5 on a 4.0 scale
<b>ACT / SAT</b>	ACT: 27 or higher / SAT: 1280 or higher

**“NEW” ACADEMIC HONORS DIPLOMA  
CLASS OF 2025 & BEYOND**

Students must meet all but one of the following criteria. Each of these criteria go beyond the standard requirements for a diploma for the classes of 2023 and beyond. Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 4, 5 or 6 with a “Student Strength Demonstration.” The previous requirements to earn an honors diploma are also available for students in the classes of 2023-2025.

REQUIREMENT	STATE MINIMUM
<b>MATH</b>	Students must take Algebra 1, Geometry, Algebra 2 (or equivalent), and one other higher level course OR a four-course sequence that contains equivalent or higher content.
<b>SCIENCE</b>	1 additional unit of Advanced Science (4 units total)
<b>SOCIAL STUDIES</b>	1 additional unit of Social Studies (4 units total)
<b>WORLD LANGUAGES</b>	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied.
<b>GPA</b>	3.5 on a 4.0 scale
<b>ACT / SAT</b>	ACT: 27 or higher / SAT: 1280 or higher
<b>SEAL REQUIREMENT</b>	1 additional unit of Social Studies (4 units total)
<b>EXPERIENTIAL LEARNING</b>	Field Experience, OhioMeansJobs Readiness Seal, Portfolio or Work - Based Learning

**Student Strength Demonstration Replacement**

Students can use the Student Strength Demonstration to replace one of either the **ACT/SAT, GPA or World Language** requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the six honors diplomas\* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Academic Honors Diploma and using the College Credit Plus option to replace another requirement for the diploma should have College Credit Plus courses relevant to the Academic Honors diploma.

**OPTIONS:**

[College Credit Plus](#): 12 total College Credit Plus credit hours

[Advanced Placement](#): three courses with score of 3 or higher on AP tests

[Career-Technical Assurance Guide \(CTAG\)](#): 12 total credits

[Apprenticeship/Pre-Apprenticeship](#): Completion or Evidence of Acceptance if required to be older than 18

[WorkKeys](#): Score of 6 or higher on all tests (\*void for Career-Tech Honors Diploma)

[Armed Services Vocational Battery](#): Score of 50 or above on the ASVAB

[Work-Based Learning](#): 250 total hours of work-based learning

## **OHIO MEANS JOBS READINESS SEAL**

Ohio high school students now can earn recognition by showing they are prepared to contribute to the workplace and their communities. The OhioMeansJobs-Readiness Seal is a formal designation students can earn on their high school diplomas and transcripts indicating they have the personal strengths, strong work ethic and professional experience that businesses need.

To earn the OhioMeansJobs-Readiness Seal, motivated high school students must demonstrate certain professional skills required for success in the workplace. Students work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community.

The OhioMeansJobs-Readiness Seal is available for the graduating classes of 2018 and beyond and will be reflected on Ohio diplomas and transcripts. Please contact the high school office if you are interested in receiving additional information.

## **EDUCATIONAL OPPORTUNITIES**

### **COLLEGE CREDIT PLUS (CCP)**

Ohio's College Credit Plus can help you earn college and high school credits at the same time by taking college courses from community colleges or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Taking a college course from a public college or university College Credit Plus is free. That means no cost for tuition, books or fees. If you choose to attend a private college or university, you may have limited costs.

Danbury High School will provide information about the program to all interested district students and their parents between the dates of October 1 and February 15 each year. By April 1, the high school should be notified in writing (application) if the student intends to participate in the program during the following school year. A Letter of Intent to Participate in College Credit Plus from the Ohio Department of Education must be completed and on file in the high school office no later than April 1, as well.

***\*\*Students who are taking College Credit Plus (CCP) courses that are not offered at Danbury High School, must submit a quarterly grade report to be considered for athletic eligibility and the honor roll. The Grade Report Forms can be obtained from the Danbury High School Office and must be submitted by the date(s) listed.***

On the next page, there are suggested 15 and 30 hour pathways, which includes Bowling Green State University courses, as well as University of Findlay and Owens Community College courses.

**SUGGESTED POSSIBLE 15 HOUR / 30 HOUR PATHWAYS**

<b>15 HOUR PATHWAY</b>		<b>30 HOUR PATHWAY</b>	
<b>Course Name</b>	<b>Credit Hours</b>	<b>Course Name</b>	<b>Credit Hours</b>
CHEM 111: Basic Chemistry & Lab (UF)	4.0	WRIT 1110: Introduction to Academic Writing (BG)	3.0
WRIT 1120: Academic Writing (BG)	3.0	WRIT 1120: Academic Writing (BG)	3.0
MATH 123: Elementary Statistics (UF)	3.0	MATH 123: Elementary Statistics (UF)	3.0
BIOL 102: Introduction to Biology (UF)	3.0	HST 1510: World Civilizations (BG)	3.0
HST 1510: World Civilizations (BG)	3.0	ESOH 100: Environment & Society (UF)	3.0
<b>TOTAL COLLEGE CREDIT HOURS</b>	<b>16.0</b>	PHY 201: General Physics (Owens CC)	5.0
		MATH 141: Calculus I (UF)	4.0
		IST 131: Computer Concepts and Apps (Owens CC)	3.0
		CHEM111: Basic Chemistry & Lab (UF)	4.0
		<b>TOTAL COLLEGE CREDIT HOURS</b>	<b>31.0</b>

***Please note: these are only suggested pathways.***

***A pathway can be individualized to a student's academic objectives.***

## **EHOVE**

Students have the opportunity to participate in vocational and tech prep programs, available during the student's junior and senior years. More information about this opportunity can be found in the back of this guide.

## **ONLINE OPTIONS FOR CREDIT**

### ***VLA (Virtual Learning Academy)***

VLA provides web-based classes for credit recovery or for students to meet the health requirement for graduation. Danbury staff monitors and grades the VLA classes, but all work is completed online.

<b>VLA</b>	<b>Approximate Cost</b>	<b>Additional Information</b>
<b>Health</b>	\$100	If a student elects to take health online, through VLA in the summer, then students/parents are responsible for the cost - \$100. The health grade will be included in the student's GPA.
<b>VLA Course(s) (during the school year)</b>	**N/A	Students may retake classes they have failed. Students will be assigned to the library for at least 1 period per day to do the lessons. (The number of periods assigned to the library depends on the number of courses to complete.) Students are responsible for making the administrator or counselor aware if they are having difficulty with the course. At administrator and counselor discretion, a student may be able to take a VLA course for reasons other than credit recovery. In this case, the fee rule below is applicable. <b><i>**If a student does not complete his/her VLA courses during the assigned dates within the school year, then a fee will be assessed.</i></b>
<b>Credit Recovery (summer)</b>	\$200	Students in grades 9-11 who have failed a course may retake that course online during the summer. Summer credit will not change a student's previous quarter GPA athletic eligibility.

### ***Lincoln Interactive***

Danbury High School students will be able to take some courses online to enhance their education. Web based learning is a class in which students work independently online. Courses offered are to enhance the curriculum and are not offered at Danbury as part of the master schedule. Highly qualified, non-Danbury teachers teach the classes. Students interested in taking one or more of these courses must be highly motivated and remain on track to complete the courses. The student has several modules and tests to complete. Students may not sign up for more than 2 courses per semester, unless there are extenuating circumstances as determined by the principal and guidance counselor. (These courses may be used to complete requirements upon recommendation of the administration.) A list of available courses and more information can be obtained by making an appointment with the high school office. The credits and grades earned will be included in the student's cumulative grade point average.

*If the student does not complete the course within the semester or fails the course, he/she will be responsible for the fee, approximately \$300, for each course. Any additional materials for projects are the responsibility of the student.*

### **FLEX-CREDIT**

Flex Credit enables high school students to earn units of high school credit based upon a demonstration of subject area competency. This policy allows students to earn credit instead of or in combination with completing hours of classroom instruction. The Danbury Board of Education adopted this policy in the fall of 2009 with implementation for the 2011-12 school year. Students will be able to show what they know and move on to higher-order content they are ready to learn, but have not mastered; and they will be able



to learn subject matter and earn course credit in ways not limited solely to seat time or the walls of the school building.

### **TESTING OUT OPTION**

Testing out procedures are designed to benefit two specific groups of students. The first group includes the highly motivated student who would like to accelerate learning and bypass one or more classes by taking unit tests, semester exams, and completing major term papers, projects, performance or presentation for one or more classes without taking a partial or full year instructional class to earn the credit. The second group includes the student who has dropped out or has been out of school for more than one year or who has been on home school instruction and would like to re-enter public high school. For this student, such assessment would ensure correct and fair placement in classes where he/she is academically prepared to succeed and maintain progress to graduate. Testing Out of a class does not benefit or count toward athletic eligibility (for enrolled credits in a grading period) under the rules of the Ohio High School Athletic Association.

# Danbury High School

## 2024-2025 Course Offerings

### ART

#### **STUDIO ART & DESIGN 1**

**Grade Level:** 9-12 (or advanced 8th grade students, must be recommended by instructor)

**Credit:** ½ each semester

**Content:** Explore a variety of exciting opportunities and materials to gain knowledge about the art making process. Learn to think conceptually and realize potential as a creative and critical thinker in order to meet the challenges of 21st century living. Explore personal interests while developing skills in the areas of drawing, painting, printmaking, ceramics, sculpture, and digital media. Course content includes art production, art appreciation, and studies in visual culture.

#### **STUDIO ART & DESIGN 2**

**Prerequisite:** C average or higher in Studio Art & Design 1

**Grade Level:** 9-12

**Credit:** ½ each semester

**Content:** Cultivate previously developed artistic knowledge and skills learned in Studio Art and Design 1. Explore new combinations and possibilities in the use of two-dimensional and three-dimensional media including technological applications. Investigate contemporary topics as they relate to artistic expression and design. Ask questions, solve problems, create products, and communicate ideas in innovative ways. Course content includes art production, design thinking, art history, criticism, aesthetics, and studies in visual culture. Each 9 weeks a different media will be studied.

#### **STUDIO ART & DESIGN 3**

**Prerequisite:** B average or higher in Studio Art & Design 2

**Grade Level:** 10-12

**Credit:** ½ each semester

**Content:** Expand and improve artistic understandings and skills by using creative processes. Develop an individual style and voice to communicate ideas. Articulate responses to personal and global issues through the integration of traditional and electronic media. Present artworks in diverse formats. Course content includes art production, design application, art history, criticism, aesthetics, and studies in visual culture.

#### **STUDIO ART & DESIGN 4**

**Prerequisite:** B average or higher in Studio Art & Design 3

**Grade Level:** 11-12

**Credit:** ½ each semester

**Content:** Engage in advanced study of art production, art history, aesthetics, and art criticism while maintaining the attitude and self-discipline of a working artist. Practice and exhibit technical proficiency and personal style, work in advanced media, and apply professional presentation techniques to develop and prepare artwork for exhibitions and portfolios. Demonstrate quality, concentration, and breadth of experience in a body of work and select work for personal exhibitions, exit portfolios, and presentation portfolios.

#### **CERAMICS / ADVANCED CERAMICS**

*This is a semester course.*

**Prerequisite:** B average or higher in Studio Art & Design 1

**Grade Level:** 9-12

**Credit:** ½

**Content:** Students will be exposed to basic hand building procedures as well as wheel-thrown techniques. A variety of projects will be constructed. Students will also engage in fundamental glazing and firing techniques. All projects will include exposure to various tools, techniques and vocabulary.

### **STUDIO ART & DESIGN INDEPENDENT STUDY**

***This is a semester course.***

**Prerequisite:** A average in Studio Art & Design 3 or 4 and teacher approval

**Grade Level:** 10-12

**Credit:** ½ each semester

**Content:** Studio Art & Design Independent Study is an upper level elective art course designed for those students who wish to explore art further than that offered in Studio Art & Design 3 or 4. Students taking Independent Study Art will establish goals for individual growth and exploration of their own interests and style in their study of the visual arts. After discussing their goals for each 9-weeks, the teacher and student will establish an expected number of projects / assignments along with approximate dates of completion that the students will complete. Independent study students work at their own pace, choose their own subjects, and are responsible for monitoring their own progress in terms of meeting the goals that they and the teacher establish for them at the beginning of each 9-week grading period. In addition to completing the aforementioned art projects, the students will be responsible for completing both written and reading assignments as well as a semester and final exam.

## **BUSINESS/COMPUTER APPLICATIONS**

### **SKILLS FOR LIFE**

***Required for graduation.***

***This is a semester course.***

**Grade Level:** 9-12

**Credit:** ½

**Content:** In this course, students will use Microsoft Office Word, Excel, and Power Point in the Windows environment to create documents applicable to home and school. This course provides business and personal applications using each of the programs. Students will find the tools they need to utilize these skills after high school. Students also learn appropriate and effective use of the Internet. These applications will also apply to post-secondary (college) education and workplace tasks. This course helps students develop efficient and practical computer skills beyond the basics, which they may have learned at home or in our middle school.

### **PERSONAL FINANCE**

***Required for graduation.***

***This is a semester course.***

**Grade Level:** 9-12

**Credit:** ½

**Content:** Students will develop attitudes and skills to achieve personal and workplace financial wellness, as well as explore careers and examine how career choices can impact finances. Intended learning outcomes include the following:

- develop a personal profile of interests, skills and goals related to career options
- examine global trends that impact employment opportunities
- choose resources to meet individual, family, and business financial goals
- evaluate financial institutions and services to meet valued ends
- predict changes in financial priorities needed to protect financial health through the family life cycle
- assess use of credit and debt to meet personal and family financial goals
- evaluate role of taxes in personal financial decisions
- compare strategies to insure against financial loss against health, life, auto, and home or property
- build relationship and conflict skills.

## **UNIVERSITY OF FINDLAY**

### **ACCT220 – PRINCIPLES OF ACCOUNTING**

**This course is recommended for students who are considering a major in business.**

**Prerequisite:** Students must meet University of Findlay College Credit Plus requirements to earn college credit.

*\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not University of Findlay credit. The course will be listed as ACCOUNTING 1.*

**Grades:** 10-12

**Credit:** 1 Danbury High School Credit / 3 University of Findlay credit hours

**Content:** This course develops an understanding of the basic elements of financial accounting and the role of accounting in society. Students are introduced to fundamental accounting concepts, procedures, and terminology. Emphasis is placed on accrual accounting, revenue and expense recognition, accounting for assets, liabilities and equity, the accounting cycle, merchandise accounting, and internal controls. The course includes transaction analysis and the preparation and understanding of financial statements.

### **GRAPHIC DESIGN**

*This is a semester course.*

**Prerequisite:** C or higher average in Skills for Life and teacher approval

**Grade Level:** 10-12

**Credit:** ½

**Content:** In this course, students will learn to use software to produce publishable materials that may be used in business careers.

### **PHOTOSHOP**

*This is a semester course.*

**Prerequisite:** C or higher average in Skills for Life

**Grade Level:** 10-12

**Credit:** ½ each semester

**Content:** Students will learn to work with the native language of the Internet, HTML (hypertext markup language), along with picture/text editing software, Adobe Photoshop. Students will learn to use a digital camera, then create and edit the images. Students will also learn how to create web pages using HTML without the dependence of any special software. Concepts such as tagging, tables, image formatting, meta-tags and attractiveness of design will be covered.

### **YEARBOOK**

**Prerequisite:** C or higher average in Graphic Design and teacher approval

**Grade Level:** 11-12

**Credit:** ½ each semester

**Content:** This course is designed to use the skills from Graphic Design to produce the Totem, DHS yearbook.

### **COMPUTER SCIENCE PWA**

*This is a semester course.*

**Grade Level:** 9-12

**Credit:** ½

**Content:** Ever wonder how webpages and animated games work? Explore and create simple webpages from scratch and code your own animations and games while learning about the basic functions of a computer and how programmers utilize the problem solving process to create the products we use every day.

### **COMPUTER SCIENCE ADP**

*This is a semester course.*

**Grade Level:** 9-12

**Credit:** ½

**Content:** Phone apps are everywhere. Create several apps while learning the process the programmers follow to create their end result. Then move on to programming external devices to flash, make noise and report information.

## **LEAD IT**

***This is a semester course.***

**Grade Level:** 9-12

**Credit:** ½

**Content:** Do you love technology and helping others with their technology? With this class, you will continue to develop your knowledge and skills in both hardware and software. Once you have demonstrated your mastery in an area, you will help students and staff with creating, troubleshooting and/or repairing technology. Find the areas of technology you are interested in and work with others to create and maintain technology projects within the school. This is where you start to become part of Danbury's student tech team.

## **BUSINESS FOUNDATIONS**

***This is a semester course.***

**Grade Level:** 9-12 students

**Credit:** ½

**Content:** Business Foundations: Introduction to Business provides students with an opportunity to try a variety of business education activities. The purpose of this course is to introduce students to the various subjects offered in the business curriculum, not to master the various content areas. It will encourage students to pursue courses offered in the business curriculum during their remaining high school years. Students will also explore different areas of business to learn about career opportunities within the field.

## **ENTREPRENEURSHIP**

***This is a semester course.***

**Grade Level:** 9-12 students

**Credit:** ½

**Content:** Have you ever thought about starting your own business? Entrepreneurship focuses on the aspects of creating and running a successful business. This class will focus on various types of new business opportunities to start as well as learning about the basics of what an entrepreneur needs to know and consider in order to start and run their own business successfully. Consider how you can use your passion and strengths as a possible future career option as an entrepreneur.

# **ENGLISH / LANGUAGE ARTS**

## **ENGLISH 9**

***Required for graduation.***

**Grade Level:** 9-12

**Credit:** ½ each semester

**Content:** In this class, students will learn about other cultures, other places, and other time periods through exploration of various genres of literature. Students will learn the terms associated with literary analysis of short stories, novels, plays, mythology, poetry, and Shakespearean drama. In addition, the course will incorporate vocabulary building, writing, research, and speech/presentation skills through the reading, writing, and discussing of the literary works. This course will help to prepare students for literary work in subsequent years.

## **ENGLISH 10**

**Grade Level:** 10-12

**Credit:** ½ each semester

**Content:** American Literature consists of a chronological survey of American writers within various genres (poetry, short story, novel, and drama). Both written and oral reports will be required. With the addition of Shakespearean tragedy, students will study how his writing impacts the writing of American authors.

## **ENGLISH 11**

**Grade Level:** 11-12

**Credit:** ½ each semester

**Content:** Students will continue to study all genres of literature based on various themes. Students will read and write about what they have read, do oral presentations, research papers, and study various forms of media literacy.

## **ENGLISH 12**

**Grade Level:** 11-12

**Credit:** ½ each semester

**Content:** In this class, students will explore various genres and cultures in their literary works through novels and plays. Students will inspect the influence of a writer's choices on a work's universal theme and survey how a writer's life experiences, historical context, etc. may have impacted the literary work. Students will continue to build vocabulary, further develop their writing skills, and provide constructive criticism to other students.

## **BOWLING GREEN STATE UNIVERSITY**

### **WRIT1110: SEMINAR IN ACADEMIC WRITING**

***This is a semester course.***

**Prerequisite:** Students must meet the Bowling Green State University College Credit Plus requirements for admission to the course and to earn college credit.

**\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not Bowling Green State University credit. The course will be listed as ADVANCED ENGLISH.**

**Grade Levels:** 10, 11, 12

**Credit:** 1 Danbury High School credit / 3 Bowling Green State University College credit hours

**Content:** Basic expository writing; emphasis on organizing and developing coherent essays of at least 800 words for college-educated audiences. Placement through pretesting.

## **BOWLING GREEN STATE UNIVERSITY**

### **WRIT1120: SEMINAR IN RESEARCH WRITING**

***This is a semester course.***

**Prerequisite:** Students must meet the Bowling Green State University College Credit Plus requirements for admission to the course and to earn college credit.

**\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not Bowling Green State University credit. The course will be listed as ADVANCED ENGLISH.**

**Grade Levels:** 10, 11, 12

**Credit:** 1 Danbury High School credit / 3 Bowling Green State University College credit hours

**Content:** Expository writing including research paper; emphasis on analytical writing based on critical reading. Placement through pretesting or successful completion of GSW 1100 or GSW 1110. Students must complete course and program portfolio assessment successfully to receive a passing grade.

## **BOWLING GREEN STATE UNIVERSITY**

### **ENGL1500: RESPONSE TO LITERATURE**

***This is a semester course.***

**Prerequisite:** Enrollment in or completion of GSW 1110. Students must meet the Bowling Green State University College Credit Plus requirements for admission to the course and to earn college credit.

**\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not Bowling Green State University credit. The course will be listed as RESPONSE TO LITERATURE.**

**Grade Levels:** 9, 10, 11, 12

**Credit:** 1 Danbury High School credit / 3 Bowling Green State University College credit hours

**Content:** A general education course emphasizing discussion of humanistic themes based on student responses to readings in fiction, drama, poetry and nonfiction. Not accepted toward English major or minor.

## **BOWLING GREEN STATE UNIVERSITY** **ENGL2000: WRITING ABOUT LITERATURE**

***This is a semester course.***

**Prerequisite:** Students must meet the Bowling Green State University College Credit Plus requirements for admission to the course and to earn college credit.

**\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not Bowling Green State University credit. The course will be listed as WRITING ABOUT LITERATURE.**

**Grade Levels:** 9, 10, 11, 12

**Credit:** 1 Danbury High School credit / 3 Bowling Green State University College credit hours

**Content:** Various topics: Short Story, Literature and Film, Women in Literature, Literature of the Natural World. A general education course with emphasis on humanistic themes, basic literary concepts, and writing. Can be repeated once if topics differ. Not accepted for English major or minor.

## **DYSTOPIAN LITERATURE**

***This is a semester course.***

**Grade Level:** 9-12

**Credit:** ½

**Content:** Through dystopian literature students will discover worlds of futuristic societies. Students will consider the structure and elements of dystopian societies, evaluate their successes and failures, and compare authors' points of view. Students will read both classic and contemporary novels regarding dystopian societies and will create and evaluate their own society using critical thinking and evaluation skills.

## **FILM STUDY**

***This is a semester course.***

**Grade Level:** 9-12

**Credit:** ½

**Content:** This course is designed to introduce students to the history of filmmaking and analyze film as a visual art form. Students will begin by learning the early stages of film and progress through significant eras in film. Through the use of scholarly articles and knowledge of film techniques, students will analyze different genres of film and works by significant contributors to the film industry (Alfred Hitchcock, Steven Spielberg, Charlie Chaplin, Cohen Brothers, James Cameron, and more). By the end of the course, the students will demonstrate their knowledge by creating a film of their own imitating techniques studied throughout the course.

## **DRAMA**

***This is a semester course.***

**Grade Level:** 9-12

**Credit:** ½

**Content:** The Drama course is an introductory course that is primarily concerned with creating an interest in student's performance and production through live acting and film of Dramatic Arts and stagecraft. Equally important in this class is the study of specific Dramatic plays and the cultural significance of heroes and villains. This class is production and performance based. Students will be asked to perform in specific one-act skits, to produce and study film short versions, and to study classic and modern theater. Students will also be asked to study specific genres and identify those genres as they see them in text analysis and scene analysis. A requirement for this course will be to participate in the acting and production of a one act play that will either be performed live or filmed based upon the choice and skill of the students. This class will also include a field trip either overnight or full day in order to study live theater.

## **SPEECH & DEBATE**

*This is a semester course.*

**Grade Level:** 9-12

**Credit:** ½

**Content:** Did you know that there are estimates that 75% of our population has a fear of public speaking? As our society moves further away from face to face contact and closer to digital communication as a normalized means of communication, it becomes clear that the critical skill of public speaking needs to be valued and taught. To that end, the Speech and Debate course will focus on giving students the confidence they need to speak publicly. Speech and Debate is an introductory course that covers a variety of styles of public speaking and formal debate. Through research and practice students will become familiar with these styles through instruction, research, and practice. This class will be a strictly performance based class where students will be required to not only learn the theory of the skill being taught but also perform those skills in the classroom and the auditorium. In Speech and Debate, students will learn how to write, organize, prepare, and deliver digitally quality public speeches. Students will study how to actively persuade, inspire, inform, and engage an audience through the art of public speaking. We will begin by studying the fundamentals of public communication. Next we will learn how to speak articulately when one has time for adequate preparation. Students will also learn to think quickly and speak with little preparation. Finally, students will learn how to argue their points effectively through debate. Students will also learn the critical skill of evaluating speeches and give direct and specific feedback to one another based on a specific rubric.

## **CREATIVE WRITING**

*This is a semester course.*

**Grade Level:** 9-12

**Credit:** ½

**Content:** This semester-long course will introduce students to the craft of creative writing. Students will read professional examples, focus on specific writing elements, participate in peer review, and create their own unique works. This course is designed to push students creatively while exposing them to various writing genres and their purposes. At the end of the semester, the students will submit a portfolio of their work.

## **MYTHOLOGY**

*This is a semester course.*

**Grade Level:** 9-12

**Credit:** ½

**Content:** This semester-long course is designed to explore the mythology of various cultures. Students will focus on similarities and differences between myths, common features, purposes, themes, and how the myths reflect the society that produced it. Additionally, students will be introduced to the geographic locations and history of the different cultures. Students will view artistic renditions of the myths and examine their function in society. Mythological references in traditional and modern literature will be explored as well.

## **LITERATURE OF WAR**

*This is a semester course.*

**Grade Level:** 9-12

**Credit:** ½

**Content:** The Literature of War class primarily concerns itself with the significance and importance of the literature that is produced about, because of and as a result of Human Conflict. The class surveys literature throughout human history (Ancient Greece to Modern Warfare) and analyzes the specific themes and attributes that are germane to all literature surrounding war regardless of time period and culture. We will read different genres of



literature including first person letters, battle accounts, government propaganda, and third person researched historical accounts as well as historical fiction. This class requires a large volume of reading and a high interest in History and Human conflict. Students are expected to be able to write about and present their analysis of the readings.

### **LITERATURE OF SPORT**

*This is a semester course.*

**Grade Level:** 9-12

**Credit:** ½

**Content:** This class primarily will focus on the literature that surrounds American Sport. This will include a survey of both fiction and nonfiction, which includes sports articles, game analysis, sports marketing and the cultural importance of Sports in the American Identity. We will also read several novels in this class that include biographies, first person nonfiction novels as well as fictional third person and historical fiction. Students are expected to read on their own and write essays and be able to analyze their readings and present them to the class. This class will include a field trip to a sporting event and individual students attending a Danbury sporting event and requires students to write about that event from the perspective of a sports journalist or analyst. (This class can also be taught in conjunction with or co-taught with Mr. Keller's *Analysis of American Football.*)

## **WORLD LANGUAGES**

### **Spanish 1**

**Grade Level:** 9-12

**Credit:** ½ each semester

**Content:** This course introduces students to many aspects of Spanish language and Hispanic culture. Students will gain the foundational skills that will enable them to begin to speak, listen, read and write in basic Spanish. Additional emphasis will be placed on the development of 21st century technology skills and classroom-to-career connections.

### **Spanish 2**

**Prerequisite:** successful completion of Spanish 1

**Grade Level:** 9-12

**Credit:** ½ each semester

**Content:** Part two of the basic elements of Spanish, Spanish 2 further develops the skills learned in Spanish 1. Additional emphasis will be placed on the development of 21st century technology skills and classroom-to-career connections.

### **Spanish 3**

**Prerequisite:** successful completion of Spanish 2

**Grade Level:** 10-12

**Credit:** ½ each semester

**Content:** This is a course that goes beyond the basics of Spanish and into the more complex uses of the language. Emphasis will be placed on speaking and writing in both formal and informal settings. Successful completion of this course will leave students well prepared for college-level Spanish courses.

### **Spanish 4**

**Prerequisite:** successful completion of Spanish 3

**Grade Level:** 11-12

**Credit:** ½ each semester

**Content:** This is an advanced course that will challenge students to fine tune their language capabilities. Emphasis will continue to be placed on speaking and writing, as well as on advanced reading practice.

## **MATHEMATICS**

### **ALGEBRA 1**

**Grade Level:** 9-12

**Credit:** ½ each semester

**Graphing Calculator (Texas Instruments; TI-83 or TI-84) required**

**Content:** Involves the extended use of adding, subtracting, multiplying, and dividing into functional and abstract areas of linear and quadratic equations. Factoring inequalities, exponential and radical expressions, and problem solving techniques will be stressed. This is a college preparatory class.

### **GEOMETRY**

**Prerequisite:** Algebra 1

**Grade Level:** 9-12

**Credit:** ½ each semester

**Graphing Calculator (Texas Instruments; TI-83 or TI-84) required**

**Content:** This is a course to develop logical thinking by means of constructing proofs through deductive reasoning. Two and three-dimensional Euclidean concepts, coordinate geometry, properties of triangles and circles, and geometric constructions will be emphasized. This is a college preparatory course.

### **PRE-ALGEBRA 2**

**Prerequisite:** Algebra 1 & Geometry

**Grade Level:** 11-12

**Credit:** ½ each semester

**Graphing Calculator (Texas Instruments; TI-83 or TI-84) required**

**Content:** This course continues the topics presented in Algebra I and Geometry and elaborating upon them through applications in real world examples. Additional topics covered include right triangle trigonometry, statistics and probability, and graphing techniques of functions. The purpose of this course is to prepare the students to continue the following year into Algebra II for their 4th mathematics credit. This course will also give students the review needed to retake the Algebra 1 and/or Geometry Ohio State Test (end of course exam).

### **ALGEBRA 2**

**Prerequisite:** Pre-Algebra 2

**Grade Level:** 11-12

**Credit:** ½ each semester

**Graphing Calculator (Texas Instruments; TI-83 or TI-84) required**

**Content:** Extends the previous concept of mathematical experiences to prepare students to identify and solve those responsible and social phases of the more advanced technological processes. It is a study of the structure of the systems of real and complex numbers and the techniques of algebra and trigonometry as reflections of this structure. The function concept, logarithms, sequence series, and quadratic relations will be stressed.

### **CP ALGEBRA 2**

**Prerequisite:** Algebra 1 & Geometry

**Grade Level:** 10-12

**Credit:** ½ each semester

**Graphing Calculator (Texas Instruments; TI-83 or TI-84) required**

**Content:** Extends the previous concept of mathematical experiences to prepare students to identify and solve those responsible and social phases of the more advanced technological processes. It is a study of the structure of the systems of real and complex numbers and the techniques of algebra and trigonometry as reflections of this structure. The function concept, logarithms, sequence series, and quadratic relations

will be stressed. This course may be taken concurrently with Geometry. Admission into two math classes at the same time requires the permission of the math department and principal.

### **TRIGONOMETRY & PRE-CALCULUS**

**Prerequisite:** C average in Algebra 2

**Grade Level:** 11-12

**Credit:** ½ each semester

**Graphing Calculator (Texas Instruments; TI-83 or TI-84) required**

**Content:** This advanced mathematics class is geared to prepare the student for college oriented work. Major emphasis will be placed on logic concepts, abstract algebra pertaining field and groups, vector notation, basic terms of calculus such as derivative and integration, and study of polynomial, circular, and trigonometric functions.

### **SENIOR MATH**

**Grade Level:** 12

**Credit** ½ each semester

**Graphing Calculator (Texas Instruments; TI-83 or TI-84) required**

**Content:** Senior Mathematics provides a general survey of mathematical topics that are useful in our contemporary world. The purpose of the course is to help seniors gain mathematical literacy by showing them how mathematics can be applied to everyday life. The course addresses the core content skills and mathematical practices covered in the Common Core State Standards of Mathematics. Seniors completing the course should be prepared for non-remedial college mathematics courses as well as for training programs for career-level jobs. The course will provide problem-based and project-based activities that may require Algebra 2 level mathematics.

### **ELEMENTARY STATISTICS (for high school credit)**

**Graphing Calculator (Texas Instruments; TI-83 or TI-84) required**

**Prerequisite:** Students must have successfully completed Algebra II.

**Grade Level:** 11-12

**Credit:** ½ each semester

**Content:** This course is a study of descriptive and inferential statistics utilizing only rudimentary skills of arithmetic and algebra. Elementary probability, measures of central tendency, measures of variability, confidence intervals, and hypothesis testing will be covered.

### **UNIVERSITY OF FINDLAY**

#### **MATH123 – ELEMENTARY STATISTICS**

**Graphing Calculator (Texas Instruments; TI-83 or TI-84) required.**

**Prerequisite:** Students must meet University of Findlay College Credit Plus requirements to earn college credit.

*\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not University of Findlay credit. The course will be listed as Elementary Statistics.*

**Grade Level:** 11-12

**Credit:** 1 Danbury High School Credit / 3 University of Findlay credit hours

**Graphing Calculator (Texas Instruments; TI-83 or TI-84) required**

**Content:** This is a first course in the study of descriptive and inferential statistics utilizing only rudimentary skills of arithmetic and algebra. Elementary probability, measures of central tendency, measures of variability, confidence intervals, and hypothesis testing.

### **UNIVERSITY OF FINDLAY**

#### **MATH141 – COLLEGE CALCULUS 1**

**Graphing Calculator (Texas Instruments; TI-83 or TI-84) required.**

**Prerequisite:** Students must meet University of Findlay College Credit Plus requirements to earn college credit.

*\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not University of Findlay credit. The course will be listed as College Calculus.*

**Grade Level:** 11, 12

**Credit:** 1 Danbury High School Credit / 4 University of Findlay credit hours

**Content:** This course is an introduction to a graphical, numerical, and symbolic approach to differential and integral calculus of one variable. Topics cover the rate of change of a function, limits, continuity, rules of differentiation, and definite and indefinite integrals. Applications to the study of motion, optimization, and related concepts in other areas of the natural and social sciences are included.

The calculus course makes extensive use of plane geometry and algebra. Added to these is the notion of limit and limiting processes. This course will discuss the derivative and the integral. A semester exam will be given at the end of the first semester. **The student must earn a C- or better in the course to receive credit from the University of Findlay.** This is a very intensive, college-level course. The second semester will continue with material normally covered in a second semester college Calculus course. *Students may not drop this course at the semester.*

## MUSIC

### **INSTRUMENTAL MUSIC (BAND)**

**Prerequisite:** Teacher Approval

**Grade Level:** 9-12

**Credit:** ½ each semester

**Content:** The purpose of Instrumental Music is to develop sensitivity to the beautiful things in life through music and to teach an understanding of many types of music through rehearsals, performances, and working together as a group. Also included is the teaching of various technical aspects of the individual instruments, hoping to develop a lifelong interest in the arts. Another important purpose is to serve the school and community through participation in its functions. Participation in Band activities is a requirement of the course. Activities can be divided into three groups – curricular, co-curricular, and extra-curricular as follows: curricular – concert band (includes performances), marching band (includes performances), after school rehearsals, sectional rehearsals, others as announced; co-curricular – solo and ensemble contest, participation in music festivals; extra-curricular – pep band, stage band. (Participation in the co-curricular and extra-curricular aspects of the band program is voluntary and has no effect on the student's grade. A certain level of participation in the co-curricular and extra-curricular activities is required to earn a band letter or award.)

### **CHOIR (VOCAL MUSIC)**

**Prerequisite:** Teacher Approval

**Grade Level:** 9-12

**Credit:** ½ each semester

**Content:** A variety of vocal music from the 16th century to contemporary popular music is available for study during the school year. The emphasis, however, is on popular and sacred music from the 20th century. Music reading, basic theory, and music history are included. Participation in concerts and rehearsals is a requirement of the course. Concerts include chorus festivals, Cabaret, Christmas and spring concerts, as well as other performances and rehearsals as announced. Choir activities can be divided into three groups – curricular, co-curricular, and extra-curricular as follows: curricular – concerts, Cabaret (full chorus selections), Cabaret rehearsals; co-curricular – solo and ensemble contest, participation in music festivals; extra-curricular – Cabaret solos and small group selections. (Participation in the co-curricular and extra-curricular aspects of choir is voluntary and has no effect on a student's grade. A certain level of participation in those activities is required to earn a chorus letter or award.)

### **GUITAR 1**

**Grade Level:** 9-12

**Credit:** ½ each semester

**Content:** This semester class is aimed at teaching the beginning stages of playing acoustic or electric guitar. No experience necessary. Concepts covered include playing techniques, reading guitar music,

taking care of the instrument, and more. This class could provide application opportunities inside and outside the classroom. The Curriculum takes into account students who have a variety of musical backgrounds. Note: The class roster will be limited based on instrument availability, unless you are able to provide your own instrument.

## **GUITAR 2**

**Prerequisite:** Successful completion of Guitar 1 or Successful Audition

**Grade Level:** 9-12

**Credit:** ½ each semester

**Content:** This course will expand on guitar technique, playing styles, and various guitar notation styles from Guitar I. This class may provide application opportunities including outside of class performances at the teachers discretion. The Curriculum takes into account students who have a variety of musical backgrounds. Note: The class roster will be limited based on instrument availability unless you are able to provide your own instrument.

# **PHYSICAL EDUCATION AND HEALTH**

## **PHYSICAL EDUCATION**

**Required for graduation.**

**Grade Level:** 9-12

**Credit:** ¼ each semester

**Content:** The purpose of this course is to provide students with developmentally appropriate learning opportunities with meaningful content and instruction. All students will develop health-related fitness, physical competence, cognitive understanding and positive attitudes about physical activity that promotes a healthy and physically active lifestyle.

## **ADVANCED PHYSICAL EDUCATION**

**Grade Level:** 9-12

**Credit:** ¼ each semester

**Content:** The purpose of the course is to enhance physical, mental, and social health through competition and games. Students will compete in lifetime sports while learning teamwork and leadership skills. Nutrition and rest are also covered as part of total well-being. Typical activities covered will vary depending on student input.

## **HEALTH**

**Required for graduation.**

**This is a semester course.**

**Grade Level:** 9-12

**Credit:** ½

**Content:** This course focuses on the understanding of and the proper attitudes toward living in a lifelong healthful environment. The course concentrates on total well-being, intertwining balance of physical, mental, and social health through the focus of the following topics: exercise and fitness, nutrition, drugs (legal/illegal), alcohol, tobacco, human sexuality, STDs, human relations, and changes and advances in the medical field.

# **SCIENCE**

## **PHYSICAL SCIENCE**

**Grade Level:** 9-12

**Credit:** ½ each semester

**Content:** This course is designed to develop student interest in scientific matters and appreciation of the contributions of science to modern living. Students are introduced to elementary physics, chemistry, biology, and earth science in addition to the latest technological advances.

## **BIOLOGY**

**Grade Level:** 9-12

**Credit:** ½ each semester

**Content:** This course stresses biological continuity (cellular level), biochemistry (gene technology), environment (ecosystems), and the diversity of life. The course includes a lab where microscopes and utilization of our computer facility will be prevalent. In the first semester, nomenclature and biochemistry will be the focal point. In the second semester, we will explore the five kingdoms of life.

## **UNIVERSITY OF FINDLAY**

### **BIOL102 – INTRODUCTION TO BIOLOGICAL SCIENCES**

**Prerequisite:** must meet the University of Findlay College Credit Plus requirements to earn college credit  
*\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not University of Findlay credit. The course will be listed as Advanced Biology. Teacher approval is required.*

**Grade Level:** 9-12

**Credit:** 1 Danbury High School Credit / 3 University of Findlay credit hours

**Content:** This course is an introduction to all living systems from unicellular organisms to the more complex, multicellular forms of life. Course content includes topics such as mitosis, meiosis, DNA structure and replication, cellular theory, Evolution, Unity and Diversity of Life, and Genetics.

## **UNIVERSITY OF FINDLAY**

### **ESOH100 – ENVIRONMENT & SOCIETY**

*This is a semester course.*

**Prerequisite:** must meet the University of Findlay College Credit Plus requirements to earn college credit  
*\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not University of Findlay credit. The course will be listed as ENVIRONMENT & SOCIETY.*

**Grade Level:** 10-12

**Credit:** 1 Danbury High School Credit / 3 University of Findlay credit hours

**Content:** Environment and Society studies the dependency of humans on their natural environment while emphasizing conservation, sustainability, and energy efficiency. The course initially examines the structure and function of ecosystems. The course then examines man's impact upon ecosystems and public health by identifying various sources of air contaminants, water contaminants, and soil contaminants and the composition of municipal and industrial waste. The course concludes with an examination of society's use of and dependency upon energy and the fuels used to generate power and electricity, including fossil fuels, nuclear fuels, and alternative energy sources (solar, wind, hydro, and geothermal). Current writings and events related to the environment are identified and discussed. Public officials and governmental bodies and processes that protect human health and the environment are also examined. Environmental Science incorporates Biology, Chemistry, Physics and Physical Geology and introduces students to key concepts, principles and theories within environmental science. Investigations are used to understand and explain the behavior of nature in a variety of scenarios. The course features analysis of environmental concepts and real world applications.

## **UNIVERSITY OF FINDLAY**

### **CHEM111 – BASIC CHEMISTRY / LECTURE & LAB**

**Prerequisite:** Students must meet the University of Findlay College Credit Plus requirements to earn college credit.

(It is recommended that students take BIOL102 – Introduction to Biological Sciences, offered at Danbury, prior to enrolling in this course.)

*\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not University Findlay credit. The course will be listed as BASIC CHEMISTRY.*

**Grade Level:** 11-12

**Credit:** 1 Danbury High School Credit (½ each semester) / 4 University of Findlay credit hours

**Content:** This course covers basic principles of chemistry designed to give a foundation for the various sciences. Topics include methods of measurement, temperature and heat, atomic structure, bonding,

chemical nomenclature, chemical equations, stoichiometry, gas laws, solutions, acids and bases, electrochemistry, and chemical equilibrium.

## **UNIVERSITY OF FINDLAY**

### **CHEM130 – GENERAL CHEMISTRY 1 / LECTURE & LAB**

**Prerequisite:** Students must meet the University of Findlay College Credit Plus requirements to earn college credit.

(It is recommended students take CHEM111 – Introduction to Biological Sciences, offered at Danbury, prior to enrolling in this course.)

*\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not University Findlay credit. The course will be listed as GENERAL CHEMISTRY.*

**Grade Level:** 11-12

**Credit:** 1 Danbury High School Credit (½ each semester) / 4 University of Findlay credit hours

**Content:** This course covers general principles of chemistry with emphasis on atomic structure and behavior, mole concept, stoichiometric calculations, quantum theory, chemical bonding, gases, and liquids.

### **EARTH SYSTEMS SCIENCE**

**Prerequisite:** Biology

**Grade Level:** 10-12 or permission of instructor

**Credit:** ½ each semester

**Content:** The Earth is a dynamic planet. Earth Systems Science will explore geological and biological processes that are necessary for life on earth. Some of the topics that will be explored include, but are not limited to forestry, native tree identification, soils, planetary cycles, navigation, maps and processes that make the Earth healthy and sustainable. Along with researching current issues of our time, this course will utilize Project WILD and Project WET, which are Wildlife curricula that are sponsored by the Ohio Division of Natural Resources.

### **ANATOMY & PHYSIOLOGY**

**Prerequisite:** Biology

**Grade Level:** 10-12 or permission of instructor

**Credit:** ½ each semester

**Content:** This course offers an introduction to the structure and working of the human body. Special emphasis will be placed on the musculoskeletal, nervous, cardiovascular, and respiratory systems. The health risks associated with current behavioral and societal issues will be discussed, including drug alcohol use, smoking, HIV, eating disorders, obesity, heart disease, etc.

## **SOCIAL STUDIES**

### **WORLD HISTORY**

**Required for graduation.**

**Grade Level:** 9-12

**Credit:** ½ each semester

**Content:** This is a story of man's achievements covering the major areas and civilization of the world with emphasis on Western Europe. It is panoramic in scope extending from the major prehistoric cultures to the present. Stress is also given to political and military history as well as achievements in industry, science, technology, and cultural advances in literature, music, and art.

### **AMERICAN HISTORY**

**Required for graduation.**

**Grade Level:** 10-12

**Credit:** ½ each semester

**Content:** This course is a general survey of our country's history beginning from the end of the Civil War reconstruction period to modern times, noting the significant persons and events that have contributed

most to our nation's progress. Several major themes are emphasized and discussed including immigration, organized labor and industry, our social progress and intellectual achievements, and the transformation of the United States from a status as a small dependent nation to the position of world leadership.

### **AMERICAN GOVERNMENT**

**Required for graduation.**

**Grade Level:** Level: 11-12

**Credit:** ½ each semester

**Content:** This course is a study of the agencies through which a State's purposes are formulated and executed. Governmental functions are studied at the national, state, and local levels. It is also the purpose of this course to familiarize the student with his role in his government whether it be a general role, that of a voter, or a more complex role such as an elected official. The study includes the hows, whys, and wherefores, of the individual and his participation in government. The course includes the foundations of the American government system such as the election system, the constitution, federalism and our political system, citizenship and civil rights including fundamental freedoms and equal justice under the law, voter behavior, the electoral process, public opinion and political parties, and the Congress in action and powers of the Congress.

### **BOWLING GREEN STATE UNIVERSITY**

#### **HIST1510: WORLD CIVILIZATIONS**

**This is a semester course.**

**Prerequisite:** Students must meet the Bowling Green State University College Credit Plus requirements for admission to the course and to earn college credit.

*\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not Bowling Green State University credit. The course will be listed as WORLD CIVILIZATIONS.*

**Grade Levels:** 9, 10, 11, 12

**Credit:** 1 Danbury High School credit / 3 Bowling Green State University College credit hours

**Content:** Comparative study of how and why economic, social, political and intellectual factors shaped and defined the history of selected Western and non-Western civilizations in the ancient and medieval periods.

### **BOWLING GREEN STATE UNIVERSITY**

#### **HIST1520: THE MODERN WORLD**

**This is a semester course.**

**Prerequisite:** Students must meet the Bowling Green State University College Credit Plus requirements for admission to the course and to earn college credit.

*\*\*A student can take this course if they don't meet the College Credit Plus requirements; however, they will only receive Danbury High School credit, not Bowling Green State University credit. The course will be listed as THE MODERN WORLD.*

**Grade Levels:** 9, 10, 11, 12

**Credit:** 1 Danbury High School credit / 3 Bowling Green State University College credit hours

**Content:** Comparative study of how and why selected economic, social, political and intellectual revolutions of the modern world have transformed and are shaping contemporary European and non-Western cultures.

### **INTERNATIONAL STUDIES**

**Grade Level:** 11-12

**Credit:** ½ each semester

**Content:** An elective for 11th and 12th grade students. Students will study the culture, economic and governmental systems, and geography of various countries. The emphasis will be on creating a better understanding of the countries and people who make up the global market.



## **SOCIOLOGY**

**Grade Level:** 11-12

**Credit:** ½ each semester

**Content:** Sociology stresses the problems involved in living in our present society along with analyzing man's normal life in society. The purpose of the study is to help young people understand their relationship to the complexity of society as it will help them lead normal, healthy lives by being able to meet and conquer challenges placed before them. Topics include understanding sociology and the tools, techniques, evaluation methods and other procedures sociologists use; culture and its meaning; culture variation; change, values, norm and sanction, etc. Also included are the studies of collective behaviors, social institutions, social problems, mass media, crime, criminals, etc. (Open to seniors first.)

## **WORLD WAR II: A MILITARY & SOCIAL HISTORY CLASS**

**Grade Level:** 11-12

**Credit:** ½ each semester

**Content:** This course examines one of the greatest conflicts in human history. The course will not only trace the historical roots of the war, but also examine the changes in society that came about because of the war and its aftermath. The atomic age, the Holocaust, the liberation of colonial empires will all be examined. Also, through reading, the class will examine some of the historical speculation on various topics regarding the war and the war years.

## **ADDITIONAL ELECTIVES**

### **TEEN LEADERSHIP CORPS (TLC)**

**Grade Level:** 11-12

**Credit:** ½ each semester

**Content:** In alignment with the Danbury Local Schools CORE Values, this course is designed to develop and enhance student leadership and problem-solving skills. Furthermore, TLC will empower teens so that they can make a difference in their schools and communities. Students will engage students in a meaningful set of community service activities and, under instructor supervision, will be responsible for planning and participating in events that benefit others.

### **INTRO TO COACHING**

*This is a semester course.*

**Grade Level:** 9-12

**Credit:** ½

**Content:** Sports coaching means different things to different people. For some, sports coaching is their job, for others it is a pastime that they willingly give up their time to do on a voluntary basis. Some pursue the academic study of sports coaching for personal attainment or for sharing ideas and information; others pursue the vocational study of sports coaching to acquire certification that demonstrates a particular level of competence. Often coaching is all about improving individual or collective performance, however, receiving sports coaching also offers the space to enjoy participation in sport.

In this course, students will explore the necessary communication, time management, relationship building and knowledge needed to be a successful coach. There will not be a focus on one specific sport, but rather all sports and age groups will be reviewed to gain a better understanding of what is expected out of a coach.

### **CONDITIONING & WEIGHT LIFTING**

*This is a semester course.*

**Grade Level:** 9-12

**Credit:** ¼

**Content:** This is a high intensity course designed to meet the needs of motivated students. Students lift weights four days per week with other fitness related activities once a week. Students should expect to work extremely hard and see significant increases in strength and power.

## **CAREER PLANNING**

*This is a semester course.*

**Grade Level:** 9-12

**Credit:** ½

**Content:** Students will be acquainted with the “world of work” and will learn more about themselves and career opportunities they might be best suited for. They will learn about the types of schooling and training that are available, while also answering the following questions: Who am I?, Where do I want to go? and How do I get there? We will identify different career interests and skills to see how both of those related to their own personal interests and likes. Some general areas of study include: job application basics, personal finance, communications, human relations, time management, decision making, resume building, interviewing, job attitudes and ethics in the workplace.

## **ROX (RULING OUR EXPERIENCES)**

*This is a semester course.*

**Prerequisite:** Principal Approval

**Grade Level:** 9-12 female students

**Credit:** ½

**Content:** The ROX (Ruling our Experiences) is an evidence based program that focuses on female empowerment and safety. The curriculum is focused on providing young females with a voice, self-defense strategies and equipping them with the skills they need to face the challenges presented in today's society. The ROX program will provide students with several insightful activities that will promote their emotional wellbeing and recognition of mental health challenges each student faces.

## **CAPTAIN'S CLUB**

*This is a semester course.*

**Prerequisite:** Principal Approval

**Grade Level:** 9-12 male students

**Credit:** ½

**Content:** The Captain's Club class is a course for male students that addresses their unique experiences growing up. Objectives of the program revolve around leadership, community, building a vision for yourself, positive empowerment, and activities that continue the development of young men into positive male role models. This class will examine the diverse characteristics of creating personal identity, develop a sense of collaboration among male students, identify characteristics of positive male role models, and to assist students in developing a sense of pride and accountability regarding their individual life choices. Key personal skills that will be developed and reinforced include: peer connectedness, independent thinking skills, understanding the relationship between effort and excellence, and short-term and long-term goal setting.

## **ACT PREP COURSE**

*This is a semester course.*

**Grade Level:** 11-12 students

**Credit:** ½

**Content:** The ACT Prep class is designed to familiarize junior and senior students with the test required for admission by many colleges and universities across the United States. This course will be taught by a teacher at Danbury High School. Well-prepared students are more likely to score higher on the ACT, which may increase their chances of receiving scholarships and enable them to have more options when selecting a college/university. Students will learn test-taking strategies, review English, math, and science content, take practice tests and discover ways to reduce test anxiety and effectively manage their time while taking the test.

Within this preparatory class, students will have access to official ACT practice tests and over 2,000 official ACT questions from previous tests.

### **CHOOSE (CAREER, HOSTING, OPPORTUNITIES, OUTREACH, SHADOWING AND EXPERIENCE) PROGRAM (THROUGH OCIC)**

Danbury High School junior and senior students have an opportunity to earn high school credits for participating in the CEO Internship Program in Ottawa County. The CEO Internship program will provide students with a pathway between school and work. Students develop entry level skills in a specific occupation, practice career management, and prepare for employment all while earning high school credit. The CEO Internship has several benefits: students can earn .5 credits for every 60 hours of internship time (1 credit for 120 hours of internship time), the internship is flexible and presents a wide-range of possibilities for hours/schedules (i.e. – can be done after school, during school, weekends, etc.) and the internship gives the students an opportunity to “test the waters” of a desired occupation. If you are interested in learning more about the CEO Internship Program, please call the high school office to set up a meeting with the Guidance Counselor.

### **OTTAWA COUNTY SKILLED TRADES PROGRAM (SENIORS ONLY)**

**Grade Level:** 12

**Credit:** varies

Danbury High School Seniors have an opportunity to participate in highly – engaged skilled trades internships with Ottawa County employers while earning high school credit. A skills trades internship provides the student with exposure to a variety of skilled trades career pathways, along with an introduction to business and entrepreneurship. Students can then specialize in a career field with a local employer and learn what it takes to be successful in the profession. Admission to this program is based upon an application process and subject to approval. Credit will be awarded based on student progress through the phases of the internships.

### **OTTAWA COUNTY STNA PROGRAM (SENIORS ONLY)**

**Grade Level:** 12

**Credit:** varies

Danbury High School Seniors have an opportunity to jumpstart their career in the healthcare field by becoming an STNA through the Ottawa County STNA Program. The purpose of the program is to educate and expose Ottawa County students to the skills and continuing education needed to fill in demand jobs in Ohio. Ottawa County high school seniors will receive training in all in the first semester of the school year. Students will learn the basics of anatomy, physiology, nutrition and get an understanding of how the body functions. They will understand how to use medical equipment such as blood pressure cuffs and gauges and learn basic medical terminology. The second semester of the school year, students are required to complete a 9 week internship with practical, hands on experience.