



# CLASS OF 2024

## COURSE SELECTION SHEET (for Senior Year)



### Year-Long (A/B) Course Offerings

Each year, Winters Mill High School offers a number of courses that run on a year-long (A/B) schedule. Students who are interested in signing up for **Chorus, Instrumental Music Courses, AP Capstone-Seminar, and AP Capstone-Research must select an even number of courses listed below** as those courses are only offered year-long. Additionally, students may also register for year-long courses if they prefer courses that are offered in this format. (e.g., AP Language & Composition and AP Psychology).

| Credit | Year-Long (A/B) Course Offerings                                                                                |
|--------|-----------------------------------------------------------------------------------------------------------------|
| 1.0    | Chorus (Concert Choir) <b>(Offered year-long only)</b> Mod 2: Take PE I and Health I opposite                   |
| 1.0    | Honors Festival Chorus (655718A) <b>(Offered year-long only)</b> Mod 4                                          |
| 1.0    | Honors Vocal Ensemble (audition only) <b>(Offered year-long only)</b> Mod 4                                     |
| 1.0    | Band I Concert Band <b>(Offered year-long only)</b> Mod 2: Take PE I and Health I opposite                      |
| 1.0    | Honors Wind Ensemble <b>(Offered year-long only)</b> Mod 4                                                      |
| 1.0    | Ensemble Participation (Concert) or (Honors Percussion-Take PE I and Health I opposite) <b>(Year-long only)</b> |
| 1.0    | Orchestra <b>(Offered year-long only)</b>                                                                       |
| 1.0    | Honors Orchestra <b>(Offered year-long only)</b> Mod 4                                                          |
| 1.0    | AP Capstone- Seminar <b>(Offered year-long only)</b>                                                            |
| 1.0    | AP Capstone- Research <b>(Offered year-long only)</b>                                                           |
| 1.0    | AP Computer Science Principles <b>(Offered year-long and semester)</b>                                          |
| 1.0    | AP Language & Composition <b>(Offered year-long and semester)</b>                                               |
| 1.0    | AP Literature and Composition <b>(Offered year-long and semester)</b>                                           |
| 1.0    | Honors English 12 <b>(Offered year-long and semester)</b>                                                       |
| 1.0    | Honors World History <b>(Offered year-long and semester)</b>                                                    |
| 1.0    | Honors Psychology <b>(Offered year-long and semester)</b>                                                       |
| 1.0    | AP Psychology <b>(Offered year-long and semester)</b>                                                           |
| 1.0    | Foundations of Technology <b>(Offered year-long and semester)</b>                                               |
| 1.0    | Spanish II <b>(Offered year-long and semester)</b>                                                              |

## Semester/Quarter Course Offerings

Courses listed below are offered as a semester or quarter class for the 2023-2024 school year. Semester classes are listed as one-credit courses and run for two consecutive quarters (Q1 & Q2 or Q3 & Q4). Quarter classes are listed as .5 credit courses and run for just one quarter. Many of the courses listed below have prerequisites so be sure to check the Program of Studies. Courses that have \*\* next to the course title are also part of a completer program. All students can take these courses regardless of whether they are pursuing a specific completer program.

### Semester/Quarter Offerings

| Credit | Course Title-English                           |
|--------|------------------------------------------------|
| 1.0    | English 12-Level 6 (Academic)                  |
| 1.0    | Honors English 12 (Central may omit)           |
| 1.0    | AP Language and Composition                    |
| 1.0    | AP Literature and Composition                  |
| 1.0    | AP Capstone- Seminar (offered year-long only)  |
| 1.0    | AP Capstone- Research (offered year-long only) |
| 1.0    | English 101 - (Dual Enrollment @WMH)           |
| 1.0    | Yearbook Production (Application required)     |
| 0.5    | Honors Film & Literature                       |
| 0.5    | Journalistic Writing                           |
| 0.5    | Honors Pop Culture & Composition               |
| 0.5    | Mystery & Detective Fiction                    |

| Credit | Course Title-Mathematics         |
|--------|----------------------------------|
| 1.0    | Geometry- Level 1 (Basic)        |
| 1.0    | Geometry- Level 6 (Academic)     |
| 1.0    | Algebra II- Level 6 (Academic)   |
| 1.0    | Trigonometry/Pre-Calculus        |
| 1.0    | Honors Trigonometry/Pre-Calculus |
| 1.0    | AP Calculus AB                   |
| 1.0    | AP Calculus BC                   |
| 1.0    | AP Statistics                    |
| 1.0    | Technical Mathematics            |
| 1.0    | Math 115 (Dual Enrollment @WMH)  |
| 1.0    | Probability and Statistics       |

| Credit | Course Title-Science                            |
|--------|-------------------------------------------------|
| 1.0    | Biology- Level 6 (Academic)                     |
| 1.0    | Honors Biology                                  |
| 1.0    | Advanced Topics in Chemistry-Level 6 (Academic) |
| 1.0    | Honors Advanced Topics in Chemistry             |
| 1.0    | Human Anatomy & Physiology                      |
| 1.0    | Honors Human Anatomy & Physiology               |
| 1.0    | AP Biology                                      |
| 1.0    | AP Chemistry                                    |
| 1.0    | AP Environmental Science                        |
| 1.0    | AP Physics I                                    |
| 1.0    | AP Physics C                                    |

### Semester/Quarter Offerings

|     |                                |                    |
|-----|--------------------------------|--------------------|
| 1.0 | Honors Science Research I      | Science<br>(Cont.) |
| 1.0 | Honors Science Research II     |                    |
| 0.5 | Aquatic Environmental Science  |                    |
| 0.5 | Honors Earth and Space Science |                    |

| Credit | Course Title-Social Studies         |
|--------|-------------------------------------|
| 1.0    | World History- Level 6 (Academic)   |
| 1.0    | Honors World History                |
| 1.0    | AP World History: Modern            |
| 1.0    | History 110 (Dual Enrollment @ WMH) |
| 1.0    | Honors Psychology                   |
| 1.0    | AP Psychology                       |
| 1.0    | AP European History                 |
| 1.0    | AP Human Geography                  |
| 0.5    | Issues in American Society          |
| 0.5    | Honors Law, Citizenship, & Society  |
| 0.5    | American Revolution/Civil War       |
| 0.5    | Honors Economics                    |
| 0.5    | Sociology                           |
| 0.5    | World Geography                     |

| Credit | Course Title-World Languages          |
|--------|---------------------------------------|
| 1.0    | Spanish I                             |
| 1.0    | Spanish II                            |
| 1.0    | Honors Spanish III                    |
| 1.0    | Honors Spanish IV                     |
| 1.0    | AP Spanish Language and Culture       |
| 1.0    | Honors Spanish for Native Speakers I  |
| 1.0    | Honors Spanish for Native Speakers II |
| 1.0    | French I                              |
| 1.0    | French II                             |
| 1.0    | Honors French III                     |
| 1.0    | Honors French IV                      |
| 1.0    | AP French Language and Culture        |
| 0.5    | American Sign Language I              |
| 0.5    | American Sign Language II             |
| 1.0    | American Sign Language III            |
| 1.0    | American Sign Language IV             |

### Semester/Quarter Offerings

| Credit | Course Title-Physical Education/Health |
|--------|----------------------------------------|
| 0.5    | Health I                               |
| 0.5    | Health II                              |
| 0.5    | Honors Health III                      |
| 0.5    | Physical Education I                   |
| 0.5    | Individual/Dual Sports                 |
| 0.5    | Personal Fitness                       |
| 0.5    | Team Sports                            |
| 0.5    | Weight Training                        |

| Credit | Course Title-Technology Education            |
|--------|----------------------------------------------|
| 1.0    | Foundations of Technology                    |
| 1.0    | Exploring Computer Science                   |
| 1.0    | AP Computer Science Principles               |
| 1.0    | AP Computer Science A **                     |
| 1.0    | Honors Advanced Topics in Computer Science** |
| 1.0    | Honors Computer Science Capstone**           |
| 1.0    | Honors Advanced Design Applications**        |
| 1.0    | Honors Technological Design **               |
| 1.0    | Introduction to 3D Printing **               |
| 1.0    | Honors Digital Fabrication Capstone**        |
| 1.0    | Hon Principles of Art, Media, & Comm. **     |
| 1.0    | Honors Interactive Multimedia Production **  |
| 2.0    | Advanced Interactive Multimedia Production** |
| 2.0    | Advanced Simulation & Gaming **              |

| Credit | Course Title-Arts                            |
|--------|----------------------------------------------|
| 1.0    | Art I                                        |
| 1.0    | Honors Art II                                |
| 1.0    | Honors Ceramics                              |
| 1.0    | Honors Digital Media and Design              |
| 1.0    | Honors Drawing (.5 credit: case-by-case)     |
| 1.0    | Honors Digital Design in Photography         |
| 1.0    | Honors Mixed Media (.5 credit: case-by-case) |
| 1.0    | Honors Painting                              |
| 1.0    | Honors Studio Art                            |
| 1.0 ea | AP Studio Art & Hon Independent Study Art    |

| Credit | Course Title-Music                            |
|--------|-----------------------------------------------|
|        | Band/Chorus options are provided on page one. |

| Credit | Course Title-Drama                   |
|--------|--------------------------------------|
| 0.5    | Drama I                              |
| 0.5    | Drama II                             |
| 0.5    | Drama III                            |
| 0.5    | Technical Theater I                  |
| 1.0    | Honors Theater Production & Analysis |

### Semester/Quarter Offerings

| Credit | Course Title-Agriscience                    |
|--------|---------------------------------------------|
| 1.0    | Honors Intro to Ag, Food, & Natural Res. ** |
| 1.0    | CASE Agricultural Science-Animal **         |
| 1.0    | CASE Agricultural Science-Plant **          |
| 1.0    | CASE Animal & Plant Biotechnology **        |
| 1.0    | Agricultural Mechanical Technology          |
| 1.0    | Honors Case Natural Resources & Ecology**   |
| 1.0    | CASE Ag Business Research and Development** |

| Credit | Course Title-Business                        |
|--------|----------------------------------------------|
| 1.0    | Principles of Business Admin & Mgmt **       |
| 1.0    | Honors Accounting I **                       |
| 1.0    | Accounting II **                             |
| 1.0    | Advanced Business Management **              |
| 1.0    | Managing Personal Finances using Excel       |
| 1.0    | Business Communications & Keyboarding        |
| 1.0    | Honors Marketing **                          |
| 1.0    | Advanced Marketing **                        |
| 2.0    | Finance Academy II @ WHS/Dual Finance CCC ** |

| Credit | Course Title-Family & Consumer Science   |
|--------|------------------------------------------|
| 1.0    | Honors Child & Adolescent Development ** |
| 1.0    | Learning Environment for Preschoolers ** |
| 1.0    | CDA Portfolio **                         |
| 0.5    | Financial Literacy                       |
| 1.0    | Principles of Fashion & Interior Design  |
| 0.5    | Flower Design                            |
| 0.5    | Introduction to Foods                    |
| 0.5    | Advanced Foods                           |
| 1.0    | Honors Teaching as a Profession @WHS **  |
| 1.0    | Foundations of Curr & Instruct @WHS **   |

| Credit | Course Title-Junior ROTC                |
|--------|-----------------------------------------|
| 1.0    | Leadership Education & Training I **    |
| 1.0    | Leadership Education & Training II **   |
| 1.0    | Leadership Education & Training III **  |
| 1.0 ea | Leadership Education & Training IV-VIII |

| Credit  | Course Title-School Counseling                    |
|---------|---------------------------------------------------|
| 1.0     | Peer Facilitating ( <b>application required</b> ) |
| 1.0-4.0 | Dual Enrollment ( <b>application required</b> )   |
| 1.0-2.0 | Honors Career Connections Internship              |
| 1.0-3.0 | CDA Internship                                    |
| 2.0     | Honors TAM Internship                             |
| 2.0     | Honors Agriculture Internship                     |
| 2.0     | Honors Academy of Finance Internship (SY)         |

## Career and Technology Programs (offered at CCCTC)

Requires completion of an application to CCCTC by 12/1/21.

| Completer<br>Credit | Career and Technical Education (Occupational)                                                 |
|---------------------|-----------------------------------------------------------------------------------------------|
| .5 to 3             | Career and Technical Education Research and Development (courses)                             |
| 4 to 6              | Academy of Health Professions                                                                 |
| 6                   | Applied Mechanical Engineering                                                                |
| 4                   | Apprenticeship Maryland                                                                       |
| 6                   | Auto Service Technology                                                                       |
| 4                   | Biomedical Sciences -- Project Lead The Way                                                   |
| 4                   | Building Maintenance                                                                          |
| 4                   | Career Research and Development (Gateway & FSS)                                               |
| 6                   | Carpentry                                                                                     |
| 6                   | CISCO Networking Academy: Cybersecurity                                                       |
| 6                   | CISCO Networking Academy: Cyber Operations                                                    |
| 6                   | Collision Repair Technology                                                                   |
| 9                   | Cosmetology Careers                                                                           |
| 6                   | Culinary Arts                                                                                 |
| 6                   | Drafting                                                                                      |
| 4                   | Education -- Middle and High School -- Teacher Academy of Maryland (TAM)                      |
| 6                   | Electrical Construction                                                                       |
| 4                   | Engineering -- Project Lead The Way                                                           |
| 6                   | Financial Services -- National Academy of Finance                                             |
| 6                   | Heavy Equipment and Truck Technology                                                          |
| 4                   | Homeland Security and Emergency Preparedness -- Criminal Justice/Law Enforcement              |
| 4                   | Homeland Security and Emergency Preparedness -- Geographic Information Systems and Technology |
| 6                   | HVAC: Heating, Ventilation, Air Conditioning, and Refrigeration                               |
| 6                   | Masonry                                                                                       |
| 4                   | Print Production                                                                              |
| 6                   | Textiles and Fashion Careers                                                                  |
| 4                   | Video Production                                                                              |
| 6                   | Welding Technology                                                                            |

**CCCTC Website:**

<https://ctc.carrollk12.org/>