

# HVCHS Elective List: Students Entering Grade 12

Courses listed below may have prerequisites. See course descriptions in the Program of Studies.

| Course Name                  | Prerequisite  | Department     | Credits |
|------------------------------|---|----------------|---------|
| MCCC Dual Enrollment         | Application   | Other          | 5       |
| Senior Option Semester 1     | Parent Permission                                       | Other          | 0       |
| Senior Option Semester 2     | Parent Permission                                       | Other          | 0       |
| Creative Writing             | English 3   | English        | 2.5     |
| English 4A: Media Literacy   | English 3   | English        | 2.5     |
| English 4B: Finding Humanity | English 3   | English        | 2.5     |
| Journalism                   | English 3   | English        | 2.5     |
| Astronomy                    | Passing grade:Any level of Physics, Algebra 1 & Alg 2   | Science        | 2.5     |
| Biochemistry of Foods        | Biology, Chemistry                                      | Science        | 2.5     |
| Bioethics                    | Any level Biology, Chemistry                            | Science        | 2.5     |
| Forensic Science             | Biology, Chemistry                                      | Science        | 2.5     |
| Human Anatomy & Physiology   | Any level Biology, Chemistry                            | Science        | 2.5     |
| Intro to Ecology             | Any level Biology, Chemistry                            | Science        | 2.5     |
| Marine Science               | Biology, Chemistry                                      | Science        | 2.5     |
| Pharmacology                 | Passing Grades: Any level Bio, Chem & Algebra 1 & Alg 2 | Science        | 2.5     |
| Toxicology                   | Any level Biology, Chemistry                            | Science        | 5       |
| Zoology                      | Any level Bio, Chem.                                    | Science        | 2.5     |
| American Economics           |   | Social Studies | 2.5     |
| Anthropology                 |   | Social Studies | 2.5     |
| AP Research                  | AP Seminar  | Social Studies | 5       |
| Comparative World Religions  |   | Social Studies | 2.5     |
| Global Issues and Awareness  |   | Social Studies | 2.5     |
| Holocaust & Genocide Studies |   | Social Studies | 2.5     |

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|---|---------------------------------|------------------------------|---------|
| Race, Class, and Gender                 |                                 | Social Studies               | 2.5     |
| Sociology                               |                                 | Social Studies               | 2.5     |
| Accounting                              |                                 | Tech/Business/Practical Art  | 5       |
| Advanced Architectural Design           | Architectural Design 2          | Tech/Business/Practical Art  | 5       |
| Advanced Computer Applications          | Computer Essentials             | Tech/Business/Practical Art  | 2.5     |
| Advanced Furniture Design               | Furniture Design                | Tech/Business/Practical Art  | 2.5/5   |
| Aerospace Engineering                   | IED or Dept rec                 | Tech/Business/Practical Art  | 5       |
| AP Computer Science A                   | AP CS Principles                | Tech/Business/Practical Art  | 5       |
| AP Computer Science Principles          | Intro to CS & CS II             | Tech/Business/Practical Arts | 5       |
| Architectural Design 1                  |                                 | Tech/Business/Practical Art  | 5       |
| Architectural Design 2                  | Architectural Design 1          | Tech/Business/Practical Art  | 5       |
| Basic Automotive Service                |                                 | Tech/Business/Practical Art  | 2.5     |
| Business & Personal Law                 |                                 | Tech/Business/Practical Art  | 2.5     |
| Career & Technical Ed/Work Exper        |                                 | Tech/Business/Practical Art  | 10      |
| Community-Based Creative Design 1       |                                 | Tech/Business/Practical Art  | 2.5     |
| Community-Based Creative Design 2       | Comm-Based Creative 1           | Tech/Business/Practical Art  | 2.5     |
| Computer Essentials for College and Bus |                                 | Tech/Business/Practical Art  | 2.5     |
| Computer Graphics 1: Photoshop          |                                 | Tech/Business/Practical Art  | 2.5     |
| Computer Graphics 2: Adv Photo          | Computer Graphics 1             | Tech/Business/Practical Art  | 2.5     |
| Computer Integ Manuf/Robotics           | IED, POE, AE or Dept Rec        | Tech/Business/Practical Art  | 5       |
| Computer Science II                     | Intro CS                        | Tech/Business/Practical Art  | 2.5     |
| Engineering Design & Development        | CIM                             | Tech/Business/Practical Art  | 5       |
| Entrepreneurship & Sm Bus Mgmt          |                                 | Tech/Business/Practical Art  | 2.5     |
| Fine Woodworking                        | Furniture Design                | Tech/Business/Practical Art  | 5       |
| Furniture Design/Construction           | Intro to Furn or Dept. Approval | Tech/Business/Practical Art  | 5       |

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|---|--------------------------------|-----------------------------|---------|
| Home Survival   |                                | Tech/Business/Practical Art | 2.5     |
| Intro Computer Science Using Java                             | Algebra 1                      | Tech/Business/Practical Art | 2.5     |
| Intro to Engineering Design                                   |                                | Tech/Business/Practical Art | 5       |
| Intro to Financial Accounting<br>(Dual Enrollment w Syracuse) | Accounting                     | Tech/Business/Practical Art | 5       |
| Intro Furniture Design/Construct                              |                                | Tech/Business/Practical Art | 5       |
| Intro to TV/Video Production                                  |                                | Tech/Business/Practical Art | 5       |
| Marketing 1   |                                | Tech/Business/Practical Art | 5       |
| Marketing 2   | Marketing 1                    | Tech/Business/Practical Art | 5       |
| Personal Finance  |                                | Tech/Business/Practical Art | 2.5     |
| Principles of Engineering                                     | IED, Dept Rec                  | Tech/Business/Practical Art | 5       |
| Small Engine Reblgd & Gen Mech                                |                                | Tech/Business/Practical Art | 2.5     |
| Sports Marketing and Mgmt                                     |                                | Tech/Business/Practical Art | 2.5     |
| TV/Video Production 2   | Intro to TV                    | Tech/Business/Practical Art | 5       |
| TV/Video Production 3   | TV 2                           | Tech/Business/Practical Art | 5       |
| TV/Video Production 4   | TV 3                           | Tech/Business/Practical Art | 5       |
| World-Ready Technology 1                                      |                                | Tech/Business/Practical Art | 2.5     |
| World-Ready Technology 2                                      |                                | Tech/Business/Practical Art | 2.5     |
| Advanced Piano  | Basic Piano or Dept. Approval  | Visual & Performing Arts    | 5       |
| Advanced Scene Study/Dir Honors                               | Theatre 3 or Dept. Approval    | Visual & Performing Arts    | 5       |
| AP Art Studio   | Studio Art 3 or Portfolio Rev. | Visual & Performing Arts    | 5       |
| AP Music Theory<br>*offered 2025-26                           | Music Theory or Dept rec       | Visual & Performing Arts    | 5       |
| Art Fundamentals 2D   |                                | Visual and Performing Arts  | 5       |
| Basic Piano   |                                | Visual and Performing Arts  | 5       |
| Ceramics 1  |                                | Visual and Performing Arts  | 5       |
| Ceramics 2  | Ceramics 1                     | Visual and Performing Arts  | 5       |

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|---|---------------------------|----------------------------|---------|
| Ceramics 3  | Ceramics 2                | Visual and Performing Arts | 5       |
| Ceramics 4  | Ceramics 3                | Visual and Performing Arts | 5       |
| Choir: Belle Voci                                       |                           | Visual and Performing Arts | 5       |
| Choir: Chamber Singers Honors                           | Audition                  | Visual and Performing Arts | 5       |
| Choir: Noteworthy                                       |                           | Visual and Performing Arts | 5       |
| Choir: Ragazze  | Audition                  | Visual and Performing Arts | 5       |
| Dance 1   |                           | Visual and Performing Arts | 5       |
| Dance 2   | Dance 1 or Dept. Approval | Visual and Performing Arts | 5       |
| Dance 3   | Dance 2                   | Visual and Performing Arts | 5       |
| Dance 4 Honors  | Dance 3                   | Visual and Performing Arts | 5       |
| Intro to Music Theory                                   |                           | Visual and Performing Arts | 5       |
| Intro to Technical Theatre                              |                           | Visual and Performing Arts | 5       |
| Music History: Rock to Pop<br>(offered 2025-2026)       |                           | Visual and Performing Arts | 5       |
| Orchestra   |                           | Visual and Performing Arts | 5       |
| Studio Art 1  | Art Fundamentals          | Visual and Performing Arts | 5       |
| Studio Art 2  | Studio Art 1              | Visual and Performing Arts | 5       |
| Studio Art 3  | Studio Art 2              | Visual and Performing Arts | 5       |
| Symphonic Band  |                           | Visual and Performing Arts | 5       |
| Technical Theatre 2                                     | Intro to Tech Theatre     | Visual and Performing Arts | 5       |
| Technical Theatre 3                                     | Tech Theatre 2            | Visual and Performing Arts | 5       |
| Theatre 1   |                           | Visual and Performing Arts | 5       |
| Theatre 2   | Theatre 1                 | Visual and Performing Arts | 5       |
| Theatre 3   | Theatre 2                 | Visual and Performing Arts | 5       |
| World Arts: Oceania, N&S America<br>(Offered 2025-2026) |                           | Visual and Performing Arts | 5       |
| World Arts: Africa Mid East & Asia                      |                           | Visual and Performing Arts | 5       |

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|----------------------------|----------------------|-----------------|---------|
| Vo-Tech AM- Shared Time    | Application Required | Vo-Tech         | 20      |
| Vo-Tech PM- Shared Time    | Application Required | Vo-Tech         | 20      |
| Intro to Athletic Training |                      | Wellness        | 5       |
| Wellness 4 - Teen PEP      | Application Required | Wellness        | 5       |
| Latin 1                    |                      | World Languages | 5       |
| Spanish 1                  |                      | World Languages | 5       |
| Spanish Linguistics        | Spanish 4 or higher  | World Languages | 5       |