



## TVCA High School Curriculum Overview

|   |                 | Grade 9                       | Grade 10                             | Grade 11                                  | Grade 12   |
|---|-----------------|-------------------------------|--------------------------------------|---|--|
| <b>Mathematics</b> <sup>1</sup>                   | <i>Track 1:</i> | Algebra II (2)                | Pre-Calculus (2)                     | Calculus I (2)                            | Math Choice (2) <sup>2</sup>                       |
|   | <i>Track 2:</i> | Geometry (2)                  | Algebra II (2)                       | Pre-Calculus (2) <sup>3</sup>             | Calculus (2) <sup>3</sup>                          |
|   | <i>Track 3:</i> | Algebra I (2)                 | Geometry (2)                         | Algebra II (2)                            | Math Choice (2) <sup>2</sup>                       |
|   | <i>Track 4:</i> | Pre-Algebra (2) <sup>4</sup>  | Algebra I (2)                        | Geometry (2)                              | Algebra II (2)                                     |
| <b>Science</b>                                    |                 | Biology (2)                   | Chemistry (2) <sup>5</sup>           | Physics (2) <sup>6</sup>                  | Science Choice (2) <sup>7</sup>                    |
| <b>Science (Alternative Options)</b> <sup>8</sup> |                 |                               | Geology (2)                          | Chemistry (2)                             | Physics (2)  |
|   |                 |                               |                                      | AP Option                                 | AP Option  |
| <b>Literature</b>                                 |                 | Ancient Literature (2)        | Medieval & British Literature (2)    | American Literature (2)                   | Modern Literature & Senior Thesis (2) <sup>9</sup> |
| <b>History</b>                                    |                 | Ancient History (2)           | Medieval & Early Modern History (2)  | American History (2)                      | Modern History (2)                                 |
| <b>Foreign Language</b> <sup>10</sup>             |                 | Language Choice (2)           | Language Choice (2)                  | Language Choice (2)                       | Scheduled as Needed                                |
| <b>Other Requirements</b> <sup>11</sup>           |                 | Health (1)<br>Composition (1) | Moral Philosophy (1)<br>Rhetoric (1) | Political Philosophy (1)<br>Economics (1) | American Government (2)                            |
| <b>Electives</b> <sup>12</sup>                    |                 | Electives (2)                 | Electives (2)                        | Electives (2)                             | Electives (2)                                      |

TVCA requires a minimum of 48 credits to graduate<sup>13</sup>

<sup>1</sup> Standard mathematics sequence starting with 7<sup>th</sup> grade: Pre-Algebra, Algebra I, Geometry, Algebra II, Pre-Calculus, and Calculus. Algebra I and/or Geometry completed in 7<sup>th</sup> or 8<sup>th</sup> grade will earn high school credit.

<sup>2</sup> Math choices may include Calculus 2, AP Calculus, Statistics, AP Statistics, Applied Mathematics, or other options (depending on student needs or interests).

<sup>3</sup> Pre-Calculus and Calculus are planned as dual credit options.

<sup>4</sup> The state of Idaho requires that students earn six high-school credits in mathematics *above the level of Pre-Algebra*. Thus, while this class will fulfill TVCA's requirement to take four years of mathematics in high school, Pre-Algebra does not count as a high school state credit.

<sup>5</sup> Requires completion of, or concurrent enrollment in, Algebra II.

<sup>6</sup> Requires completion of Algebra I as a prerequisite.

<sup>7</sup> Science choices may include Geology, Astronomy, Computer Science, or other topics (dependent on student interest).

<sup>8</sup> Students will only take an alternative option if they do not meet the math requirement to take Chemistry during 10<sup>th</sup> grade. Biology, Chemistry, and Physics are required courses and must be completed to graduate.

<sup>9</sup> A Senior Thesis will be completed as part of the Modern Literature course and meets the state requirement for a senior project.

<sup>10</sup> TVCA requires three years of foreign language during high school. This requirement may be fulfilled by any combination of Latin, Spanish, and/or French.

<sup>11</sup> All one (1) unit classes listed are one-semester classes and will be taken during the fall or spring. For example, Health may be taken in the Fall and Composition in the Spring (or vice versa).

<sup>12</sup> Elective options may include Orchestra, Choir, Art, Drama, Photography, Physical Education, Print Media (student newspaper/yearbook), First Tech Challenge (Robotics), Math Studium, and AP Classes. Students are required to take a minimum of 2 electives.

<sup>13</sup> Some students may exceed the 48-credit minimum due to extra electives.