

# Alternate Diploma Graduation Course Options for Students with Significant Cognitive Disabilities

## Aligned to USBE Criteria for Graduation Requirements<sup>1</sup>

A student with a significant cognitive disability working toward earning an Alternate Diploma can be enrolled in general education courses. This will require significant modification of the grade-level curriculum. The alternate achievement standards provide the required modification to ensure students with significant cognitive disabilities can access the grade-level standards.

### Language Arts- 4.0 Credits

Three courses from either the Alternate Achievement Standards Essential Elements (EEs) courses or the general education courses.

**Plus** EE English 12 or one credit from the Applied and Advanced Courses.

Essential Elements (EEs) Courses	General Education Course	Applied and Advanced Courses <sup>2</sup> (1 optional)
<ul style="list-style-type: none"> <li>➤ EE English 9</li> <li>➤ EE English 10</li> <li>➤ EE English 11</li> <li>➤ EE English 12</li> </ul>	<ul style="list-style-type: none"> <li>➤ English 9 or 9H</li> <li>➤ English 10 or 10H</li> <li>➤ English 11, 11H, or courses listed below:               <ul style="list-style-type: none"> <li>➤ Concurrent Enrollment Courses**</li> <li>➤ International Baccalaureate Classes**</li> <li>➤ AP Literature and Composition**</li> <li>➤ AP Language and Composition**</li> </ul> </li> </ul> <p>** These courses can also be used for the one credit in Applied and Advanced.</p>	<ul style="list-style-type: none"> <li>➤ 12<sup>th</sup> Grade Language Arts</li> <li>➤ Basic Writing Skills</li> <li>➤ Basic Reading Skills</li> <li>➤ Business Communication</li> <li>➤ College Prep Language Arts</li> <li>➤ Creative Writing 1 and 2</li> <li>➤ Debate</li> <li>➤ Humanities</li> <li>➤ Journalism 1 and 2</li> <li>➤ Literature</li> <li>➤ Literary Magazine</li> <li>➤ Technical &amp; Professional Communication</li> <li>➤ World Languages 3, 4, or AP</li> </ul>

<sup>1</sup> Substitutions are based on IEP team decisions. USBE Board Rule R277-705-5(1)(b)

<sup>2</sup> LEA may substitute other USBE-approved courses.

## Mathematics- 3.0 Credits

Three credits from either the Alternate Achievement Standards Essential Elements (EEs) courses or the general education courses; for Mathematics Secondary I, II, and III.

Secondary III can be replaced by an applied course with written parent request (opt-out form recognizing not being prepared for college).

Essential Elements Courses	General Education Courses	Advanced Courses (Pre-requisite: Secondary III)	Applied Courses <sup>1</sup> (Alternative selections for Secondary III Opt out) (Pre-requisite: Secondary II)
<ul style="list-style-type: none"> <li>➤ EE Math Secondary I</li> <li>➤ EE Math Secondary II</li> <li>➤ EE Math Secondary III</li> <li>➤ EE Math for HS</li> </ul>	<ul style="list-style-type: none"> <li>➤ Secondary I or Secondary IH</li> <li>➤ Secondary II or Secondary IIH</li> <li>➤ Secondary III or Secondary IIIH</li> <li>➤ Precalculus</li> </ul>	<ul style="list-style-type: none"> <li>➤ AP Calculus AB or BC</li> <li>➤ AP Statistics</li> <li>➤ College Prep Math</li> <li>➤ Computer Programming</li> <li>➤ Introductory Calculus</li> <li>➤ Concurrent Enrollment<sup>2</sup> 1010, 1030, 1040, 1050, or 1060</li> <li>➤ International Baccalaureate</li> </ul>	<ul style="list-style-type: none"> <li>➤ Accounting I and II</li> <li>➤ Mathematical Decision Making for Life (non-CE course)</li> <li>➤ Mathematics of Personal Finance</li> <li>➤ Medical Math</li> <li>➤ Modern Mathematics</li> <li>➤ Introductory Statistics</li> <li>➤ Computer Programming</li> </ul>

<sup>1</sup> LEA may substitute other USBE-approved courses.

<sup>2</sup> Concurrent enrollment (CE) courses offered from college/university language arts, mathematics, or science departments.

## Science- 3.0 Credits

Two credits from either the Alternate Achievement Standards Essential Elements (EEs) courses or the general education courses.

**Plus** one credit from the Alternate Achievement Standards Essential Elements (EEs) courses or the general education courses or the applied and advanced courses.

Essential Elements (EEs) Courses	General Education Courses	Applied and Advanced Courses <sup>1</sup> (1 optional)
<ul style="list-style-type: none"> <li>➤ ECS-Earth Systems</li> <li>➤ ECS-Biology</li> <li>➤ ECS-Chemistry</li> <li>➤ ECS-Physics</li> </ul>	<p><b>Biology</b></p> <ul style="list-style-type: none"> <li>➤ Biology</li> <li>➤ Human Biology (including CE)</li> <li>➤ Biology: Agricultural Science &amp; Technology<sup>+</sup></li> <li>➤ AP or IB Biology</li> <li>➤ Biology with Lab CE<sup>2</sup></li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>➤ Chemistry</li> <li>➤ AP or IB Chemistry</li> <li>➤ Chemistry with Lab CE</li> </ul> <p><b>Computer Science</b></p> <ul style="list-style-type: none"> <li>➤ AP Computer Science<sup>+</sup></li> <li>➤ Computer Science Principles<sup>+</sup></li> <li>➤ Computer Programming<sup>+</sup> II</li> </ul> <p><b>Earth Science</b></p> <ul style="list-style-type: none"> <li>➤ Earth Science</li> <li>➤ AP Environmental Science</li> <li>➤ IB Environmental Systems</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>➤ Physics</li> <li>➤ Physics with Technology</li> <li>➤ AP or IB Physics</li> <li>➤ Physics with Lab CE</li> </ul>	<ul style="list-style-type: none"> <li>➤ Aerospace Aeronautics</li> <li>➤ Agricultural Biotechnology<sup>+</sup></li> <li>➤ Agricultural Science<sup>+</sup> I, II, III, IV</li> <li>➤ Aquaculture<sup>+</sup></li> <li>➤ Anatomy and Physiology<sup>*</sup></li> <li>➤ Animal Science<sup>+</sup> I or II</li> <li>➤ Astronomy<sup>*</sup></li> <li>➤ Biotechnology<sup>+</sup></li> <li>➤ Botany</li> <li>➤ Electronics<sup>+</sup> 1, 2, 3</li> <li>➤ Engineering Principles<sup>+</sup> 1, 2</li> <li>➤ Engineering Capstone<sup>+</sup></li> <li>➤ Environmental Science<sup>*</sup></li> <li>➤ Equine Science<sup>+</sup></li> <li>➤ Genetics<sup>*</sup></li> <li>➤ Geology<sup>*</sup></li> <li>➤ Human Physiology</li> <li>➤ Marine Biology/Oceanography</li> <li>➤ Material Science<sup>+</sup></li> <li>➤ Medical Anatomy and Physiology<sup>++</sup></li> <li>➤ Medical Forensics<sup>+</sup></li> <li>➤ Meteorology<sup>*</sup></li> <li>➤ Natural Resource Science<sup>+</sup> I, II</li> <li>➤ Plant and Soil Science<sup>+</sup> I*, II</li> <li>➤ PLtW Digital Electronics<sup>+</sup></li> <li>➤ PLtW Principles of Engineering<sup>+</sup></li> <li>➤ Robotics<sup>+</sup> 1, 2</li> <li>➤ Veterinary Assistant<sup>+</sup> 1, 2</li> <li>➤ Wildlife Biology</li> <li>➤ Zoology</li> </ul>

**NOTE:** \*Concurrent enrollment courses offered from college/university language arts, mathematics, science, or social studies departments.

**NOTE:** Teachers currently meeting state license and endorsement requirements for an approved applied or advanced course are qualified to teach that course.

<sup>1</sup> LEA may substitute other USBE-approved courses.

+ CTE Course

\* Includes Applied/Advanced CE Course

**Applied, advanced, or equivalent courses may be added to the list using the following procedure and criteria.**

**Language Arts Criteria**

Determined by the local school board and approved by the Utah State Board of Education (USBE) using the following criteria.

- (i) courses are within the field/discipline of language arts with a significant portion of instruction aligned to language arts content, principles, knowledge, and skills; and
- (ii) courses provide instruction that leads to student understanding of the nature and disposition of language arts; and
- (iii) courses apply the fundamental concepts and skills of language arts; and
- (iv) courses provide developmentally appropriate content; and
- (v) courses develop skills in reading, writing, listening, speaking, and presentation.

**Mathematics Criteria**

Determined by the local school board and approved by the Utah State Board of Education (USBE) using the following criteria.

- (i) courses are within the field/discipline of mathematics with a significant portion of instruction aligned to mathematics content, principles, knowledge, and skills; and
- (ii) courses provide instruction that leads to student understanding of the nature and disposition of mathematics; and
- (iii) courses apply the fundamental concepts and skills of mathematics; and
- (iv) courses provide developmentally appropriate content; and
- (v) courses include the five process skills of mathematics: problem solving, reasoning, communication, connections, and representation.

**Science Criteria**

Determined by the local school board and approved by the Utah State Board of Education (USBE) using the following criteria.

- (i) courses are within the field/discipline of science with a significant portion of instruction aligned to science content, principles, knowledge, and skills; and
- (ii) courses provide instruction that leads to student understanding of the nature and disposition of science; and
- (iii) courses apply the fundamental concepts and skills of science; and
- (iv) courses provide developmentally appropriate content; and
- (v) courses include the areas of physical, natural, or applied sciences; and
- (vi) courses develop students' skills in scientific inquiry.