

## **Cambridge International Examinations Pathway to TN Diploma**

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Cambridge International Examinations (CIE) is an internationally recognized provider of international education for students ages 5 to 19, offering a continuum of studies from primary levels to upper secondary levels. CIE is a department within the University of Cambridge, founded in 1858 with the aim of raising standards in education through exam administration and school inspections. The Cambridge learning community includes over 10,000 schools, in more than 160 countries. The courses are comparable in rigor to those offered by the International Baccalaureate (IB) and College Board's Advanced Placement programs. All instructors undergo a selection process and receive training from program experts. Cambridge students take validated tests at the summation of the courses.

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The CIE programs are instructionally aligned systems with curricula, assessments and pedagogy designed for students ages 5-19 years: Cambridge Primary, 5-11 years; Cambridge Secondary 1, 11-14 years; Cambridge Secondary 2, ages 14-16; Cambridge Advanced, ages 16-19. Freshmen and sophomores may take International General Certificate of Secondary Education (IGCSE) courses offered at Cambridge-approved schools. These courses provide a strong skills foundation for the academic challenges of the final two years of high school in Advanced Subsidiary (AS) and Advanced (A) level Cambridge courses. Juniors and seniors may earn the Advanced International Certificate of Education (AICE) Diploma. In order to be eligible for the AICE Diploma, demonstration of knowledge and skills by passing examinations at the AS and/or A level from a variety of subjects in 3 different groups is required: Math & Science, Languages, Arts and Humanities. In addition to an in-depth understanding of their subjects, to earn an AICE Diploma, students will also need to pass the Diploma Core: Cambridge Global Perspectives™ examination. This examination requires mastery of critical thinking analysis, argumentation, collaboration and research skills.

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The CIE programs are very flexible, can be tailored to student interests, and can allow for enrollment in additional programs. All AS and A Level (AICE) courses emphasize international relevance and focus on developing 21st Century Skills. Similar to International Baccalaureate (IB) and Advanced Placement (AP) courses, AS and A Level (AICE) examination scores may meet credit requirements at top colleges and universities throughout the world.

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The chart below shows the Cambridge courses that students can take to meet the TN graduation requirements. Unless otherwise noted, the IGCSE and AS/A Level (AICE) courses count for 1 credit. If there is not a Cambridge Course listed for a graduation requirement or if a student does not want to take the Cambridge Course, students will take another course listed on the Tennessee Department of Education's list of Approved Courses to satisfy the graduation requirement.

Students who take an IGCSE course will take the Tennessee Comprehensive Assessment Program (TCAP) test associated with that course, in addition to the IGCSE exams. Students who take the AS/ A Level (AICE) courses will take the AS/ A Level (AICE) exam for that course and will not be required to take a TCAP exam for that course.

The Cambridge elective courses for each subject area are not included in the chart below. School districts will have a list of all the Cambridge elective courses offered.

TN Requirements	Cambridge Pathway
<p><b>Math:</b> 4 credits - Including Algebra I, Algebra II, and Geometry (or the equivalent courses, Core Math I, II, and III) and one additional mathematics course beyond Algebra I. Students must be enrolled in a mathematics course each school year.</p>	<p>IGCSE Mathematics I*</p> <p>IGCSE Mathematics II**</p> <p>IGCSE Additional Mathematics III***</p> <p>AICE Mathematics I (AS Level)</p> <p>AICE Mathematics w/ Mechanics (AS and/or A Level)</p> <p>AICE Mathematics w/ Probability &amp; Statistics (AS and/or A Level)</p> <p>AICE Mathematics w/ Mechanics &amp; Probability &amp; Statistics (AS and/or A Level)</p> <p>AICE Further Mathematics (A Level)</p> <p>*TCAP Core Math I, if available. If the TCAP Core Math I is not available, districts may choose to administer the Algebra I TCAP EOC.</p> <p>**TCAP Core Math II, if available.</p> <p>***TCAP Core Math III, if available. If the TCAP Core Math III is not available, districts may choose to administer the Algebra II TCAP EOC.</p>
<p><b>English:</b> 4 credits</p>	<p>IGCSE English Language*</p> <p>IGCSE English Literature**</p> <p>AICE English Language (AS and/or A Level)</p> <p>AICE English Literature (AS and/or A Level)</p> <p>AICE English Language and Literature (AS Level)</p> <p>*TCAP English I</p> <p>**TCAP English II</p>

<p><b>Science:</b> 3 credits - Including Biology, Chemistry or Physics, and a third lab course.</p>	<p>IGCSE Biology*</p> <p>IGCSE Chemistry**</p> <p>IGCSE Physics</p> <p>IGCSE and/or AICE Physical Science***</p> <p>IGCSE and/or AICE Environmental Management***</p> <p>AICE Biology (AS and/or A Level)</p> <p>AICE Chemistry (AS and/or A Level)</p> <p>AICE Physics (AS and/or A Level)</p> <p>*TCAP Biology End of Course Assessment</p> <p>**TCAP Chemistry End of Course Assessment</p> <p>***Counts for third lab course</p>
<p><b>Social Studies:</b> 3 credits - Course content must include United States History, World History and Geography, Economics, and Government.</p>	<p>Cambridge Social Studies courses do not meet Tennessee graduation requirements. Students will take the state approved:</p> <ul style="list-style-type: none"> <li>• U.S. History and Geography course</li> <li>• U.S. Government and Civics course</li> <li>• Economics</li> <li>• World History and Geography</li> </ul>
<p><b>Wellness and Physical Education:</b> 1.5 credits</p>	<p>IGCSE Physical Education</p> <p>AICE Physical Education 1 AS Level</p> <p>AICE Physical Education 2 A Level</p> <p>Students will take the state approved course to meet the graduation requirement for Wellness.</p>
<p><b>Personal Finance:</b> 0.5 credits</p>	<p>Students will take the state approved Personal Finance course to meet this graduation requirement.</p>
<p><b>Foreign Language:</b> 2 credits</p>	<p>IGCSE and/or AICE World Language courses</p>
<p><b>Fine Arts:</b> 1 credit</p>	<p>Students can take any IGCSE and/or AICE Fine Arts or Career and Technical Education course in the cluster of “Arts, A/V Technology &amp; Communications” to meet this graduation requirement.</p>

**Elective Focus:** 3 credits

Students will take the state approved courses in the focus groups approved by local boards of education to meet this graduation requirement. Elective credits in an IGCSE and/or AICE pathway can be used to satisfy this requirement.