

**Exhibit A-Approved List of Certificates and Courses**

**ALABAMA STATE DEPARTMENT OF EDUCATION  
 EDUCATOR CERTIFICATION SECTION**

**TE Approved Mathematics, Science, and Computer Science Certificates  
 Endorsements for Grades 6-12 Mathematics and Science Courses**

<b>Professional Educator Certificates Grades 4-8</b>	
<b>Math Endorsements:</b> Mathematics	
<b>Science Endorsements:</b> General Science, Biology*, Chemistry*, Earth and Space Science*	
<b>Professional Educator Certificates Grades 6-12</b>	
<b>Math Endorsements:</b> Mathematics, Geometry, Algebra I	
<b>Science Endorsements:</b> General Science, Biology, Chemistry, Earth and Space Science*, Environmental Education*, Physics, Physical Science*	
<b>Computer Science Endorsements:</b> Computer Science	
<b>Provisional Certificates Grades 4-8</b>	
<b>Math Endorsements:</b> Mathematics	
<b>Science Endorsements:</b> General Science	
<b>Provisional Certificates Grades 6-12</b>	
<b>Math Endorsements:</b> Mathematics, Geometry, Algebra I	
<b>Science Endorsements:</b> General Science, Biology, Chemistry, Physics	
<b>Computer Science Endorsements:</b> Computer Science	
<b>Interim Employment Certificates Grades 4-8</b>	
<b>Math Endorsements:</b> Mathematics	
<b>Science Endorsements:</b> General Science	
<b>Interim Employment Certificates Grades 6-12</b>	
<b>Math Endorsements:</b> Mathematics	
<b>Science Endorsements:</b> General Science, Biology	
<b>Conditional Certificates (AL IHE) Grades 4-8</b>	
<b>Math Endorsements:</b> Mathematics	
<b>Science Endorsements:</b> General Science	
<b>Conditional Certificates (AL IHE) Grades 6-12</b>	
<b>Math Endorsements:</b> Mathematics	
<b>Science Endorsements:</b> General Science, Biology, Chemistry, Physics	

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\*No longer available for initial issuance.

<b>Conditional Certificates (Teachers of Tomorrow) Grades 4-8</b>	
<b>Math Endorsements:</b> Mathematics	
<b>Science Endorsements:</b> General Science	
<b>Conditional Certificates (Teachers of Tomorrow) Grades 6-12</b>	
<b>Math Endorsements:</b> Mathematics, Geometry, Algebra I	
<b>Science Endorsements:</b> General Science, Biology, Chemistry, Physics	
<b>Higher Education Transitional Certificates Grades 4-8</b>	
<b>Math Endorsements:</b> Mathematics	
<b>Science Endorsements:</b> General Science	
<b>Higher Education Transitional Certificates Grades 6-12</b>	
<b>Math Endorsements:</b> Mathematics, Geometry, Algebra I	
<b>Science Endorsements:</b> General Science, Biology, Chemistry, Physics	

**Exhibit A-Approved List of Certificates and Courses**

**ALABAMA STATE DEPARTMENT OF EDUCATION  
 INSTRUCTIONAL SERVICES SECTION**

**TEAMS Approved Mathematics, Science, and Computer Science Courses  
 for Grades 6-12 Mathematics and Science**

**MATH**

<b>Course Name</b>	<b>Course Number</b>
Mathematics, Grade 6	02036G0606
Mathematics, Grade 7	02037G0707
Mathematics, Grade 8	02038G0808
Precalculus (1 CR)	02110G1000
Calculus	02121G1000
Calculus AB, AP	02124E1000
Calculus BC, AP	02125E1000
Statistics, AP	02203E1000
Mathematical Studies, SL, 18	02131E10SL
Mathematics Electives, Grades 9-12	02999G1000
Algebra with Finance	02155G1000
The Elements of College Mathematics	02138G1000
College Board Approved Pre-AP Algebra I	02052E10PR
Mathematics: Analysis & Approach, SL, 18	02140E10SL
Mathematics : Analysis & Approach, HL, 18	02140E10HL
Mathematics: App & Interpret, SL, 18	02139E10SL
Mathematics: App & Interpret, HL, 18	02139E10HL
Grade 7 Accelerated Mathematics	02037H0707
Grade 8 Accelerated Mathematics	02038H0808
Geometry w/Data Analysis (1 er)	02073G1000

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Geometry w/Data Analysis, Honors (1 er)	02073H1000
Geometry w/Data Analysis, Advanced 1 er	02073E1000
Algebra I w/Probability (1 er)	02052G1000
Algebra I w/Probability, Honors (1 er)	02052H1000
Algebra I w/ Probability, Advanced (1 er)	02052E1000
Algebra II w/Statistics (1 er)	02056G1000
Algebra II w/Statistics, Honors (1 er)	02056H1000
Algebra II w/Statistics, Advanced (1 er)	02056E1000
Mathematics Lab Elective	02996G1000
Applications of Finite Mathematics	02136G1000
Mathematical Modeling	02137G1000
Calculus (0.Scr)	02121G0S00
Applications of Finite Math(0.Scr)	02136G0S00
Algebra with Finance(0.Scr)	02155G0S00
Mathematical Modeling (0.Scr)	b2137G0S00
CollegeBoard PreAP Geometry/Stats(.Scr)	02073EOSPR
CollegeBoard PreAP Geometry/Stats(lcr)	b2073E10PR
Geometry w/Data Analysis (1/2cr)	02073G0S00
Geometry w/Data Analysis, Hon(1/2cr)	02073H0S00
Geometry w/Data Analysis, Adv(l/2cr)	b2073E0500
Algebra I w/Probability (1/2cr)	02052G0S00
Algebra I w/Probability, Hon(1/2cr)	02052H0S00
Algebra I w/Probability, Adv(l/2cr)	02052EOS00
Algebra II w/Statistics (1/2cr)	02056G0S00
Algebra II w/Statistics, Hon(1/2cr)	02056H0S00
Algebra II w/Statistics, Adv(1/2cr)	02056EOS00
Precalculus (1/2cr)	02110G0S00
Precalculus, Honors (1/2cr)	02110H0S00
Precalculus, Advanced (1/2cr)	02110EOS00

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Precalculus, Honors (1 er)	02110H1000
Precalculus, Advanced (1 er)	02110E1000
Career Mathematics	02153G1001
Career Mathematics A	02153G1012
Career Mathematics B	02153G1022

<b>SCIENCE</b>	
<b>Course Name</b>	<b>Course Number</b>
Science, Grade 6	03010G0606
Honors/Advanced Science, Grades PK-6	03999HPK06
Life Science, Grade 7	03237G0707
Life Science, Grade 7, Hon/Adv Level	03237H0707
Physical Science, Grade 8	03011G0808
Physical Science, Grade 8, Hon/Adv Level	03011H0808
Biology (1 er)	03051G1000
Biology (0.5 er)	03051G0500
Biology, Honors (1 er)	03051H1000
Biology, Honors (0.5 er)	03051H0500
Biology, Advanced Level (1 er)	03051E1000
Biology, Advanced Level (0.5 er)	03051E0500
CollegeBoard Approved Pre-AP Biology	03051E10PR
Biology, AP	03056E1000

Biology, SL, 18	03057E10SL
Biology, HL, 18	03051E10HL
Human Anatomy and Physiology (1 er)	03053G1000
Human Anatomy and Physiology (0.5 er)	03053G0500
Human Anatomy and Physiology, Honors (1 er)	03053H1000

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Human Anatomy and Physiology, Honors {0.5 er}	03053H0500
Human Anatomy and Physiology, Adv Level {1 er}	03053E1000
Human Anatomy and Physiology, Adv Level {0.5 er}	03053EOS00
Environmental Science (1 er)	03003G1000
Environmental Science (0.5 er)	03003G0500
Environmental Science, Honors (1 er)	03003H1000
Environmental Science, Honors (0.5 er)	03003H0500
Environmental Science, Adv Level (1 er)	03003E1000
Environmental Science, Adv Level (0.5 er)	03003E0500
Environmental Science, AP	03207E1000
Environmental System and Societies, SL, 1B	03208E10SL
Marine Science, (SDE Approval required)	03005G1000
Other SDE Approved Life Science Elective	03999G1000
Physical Science (1 er)	03159G1000
Physical Science (0.5 er)	03159G0500
Physical Science, Honors (1 er)	03159H1000
Physical Science, Honors (0.5 er)	03159H0500
Physical Science, Advanced Level (1 er)	03159H1000
Physical Science, Advanced Level (0.5 er)	03159H0500
Chemistry, {1 er}	03101G1000
Chemistry, (0.5 er)	03101G0500
Chemistry, Honors (1 er)	03101H1000
Chemistry, Honors {0.5 er}	03101H0500
Chemistry, Advanced Level (1 er)	03101E1000
Chemistry, Advanced Level {0.5 er}	03101E0500
Chemistry, AP	03106E1000
Chemistry, SL, 1B	03107E10SL
Chemistry, HL, 1B	03107E10HL
Other SDE Approved Chemistry Elective	03149H1000
Physics {1 er}	03151G1000
Physics {0.5 er}	03151G0500
Physics, Honors (1 er)	03151H1000
Physics, Honors (0.5 er)	03151H0500

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Physics, Advanced Level (1 er)	03151E1000
Physics, Advanced Level (O.S er)	03151E0500
AP Physics 1: Algebra-Based	03165E1000
AP Physics 2: Algebra -Based	03166E1000
Physics C: Electricity and Magnetism, AP	03163E1000
Physics C: Mechanics	03164E1000
Physics, HL, IB	03157E10HL
Physics, SL, IB	03157E10SL
Other SDE Approved Physics Elective	03162G1000
Earth and Space Science (1 er)	03008G1000
Earth and Space Science (0.5 er)	03008G0500
Earth and Space Science, Honors (1 er)	03008H1000
Earth and Space Science, Honors (0.5 er)	03008H0500
Earth and Space Science, Adv Level (1 er)	03008E1000
Earth and Space Science, Adv Level (0.5 er)	03008E0500
Other SDE Approved E & Sp Sc Elect	03049G1000
Design Technology, SL, IB	03206EIOSL
Design Technology, HL, IB	03206EIOHL
Forensic and Crime Scene Investigations	15055G1000
Plant Biotechnology	18308G1002
Aquaculture Science	18306G1002
Introduction to Biotechnology	14252G1001
PLTW Principles of Engineering	21018G1000
Environmental Management	18504G1000
Human Body Structures and Functions	14299G1001
PLTW Human Body Systems	14299G1002

## Appendix A-Approved List of Certificates and Courses

COMPUTER SCIENCE	
Course Name	Course Number
Computer Science, SL, 1B	10159E10SL
Computer Science, HL, 1B	10159E10HL
Computer Science A, AP	10157E1000
Computer Science Principles, AP	10019E1000
Exploring Computer Science	10012G1001
Computer Science Essentials - PLTW	10013G1000
Introduction to Computer Science-TEALS	10012G1002
Cybersecurity-PLTW	10016G1000
Intro to Digital Literacy & Computer Science	10011G1000