

**OFFICE OF CHIEF ACCOUNTABILITY OFFICER**  
**Summary of State Board of Education Agenda Items**  
**Consent Agenda**  
**February 15, 2018**

**OFFICE OF ACCREDITATION**  
**OFFICE OF SECONDARY EDUCATION**

- D. Begin the Administrative Procedures Act process: To revise Standards 14.1.4 and 26, and Appendices A and B of the *Mississippi Public Schools Accountability Standards, 2017*

Background Information: The Commission on School Accreditation met on February 1, 2018 to review and approve the Office of Secondary Education's request for proposed revisions to the following *Mississippi Public School Accountability Standards, 2017*:

- |                    |   |
|--------------------|---|
| A. Standard 14.1.4 | Change Individual Career and Academic Plan (iCAP) to Individual Success Plan (ISP) and change prior to exiting 8 <sup>th</sup> grade to 7 <sup>th</sup> grade   |
| B. Standard 26     | Change required offerings from 32½ to 33½ to reflect changes in State Board Policy Chapter 28, Rule 28.6  |
| C. Appendix A      | Changes to reflect new course offerings in Computer Science, math, and the removal of equivalency information for Excellence for All that is no longer relevant |
| D. Appendix B      | Changes to reflect required course offerings for school year 2018-2019 and additional options for on-line learning  |

Recommendation: Approval

Back-up material attached

**Summary of Mississippi Public School Accountability Standards, 2017  
Justification Changes for School Year 2018-2019**

<b>Accountability Standards Appendix</b>	<b>Title</b>	<b>Changes Requested</b>	<b>Justification for change</b>
Standard 14.1.4	Individual Career and Academic Plan	<ol style="list-style-type: none"> <li>1. Change language from “Individual Career and Academic Plan (iCAP)” to “Individual Success Plan (ISP)”</li> <li>2. Change “prior to exiting 8<sup>th</sup> grade” to “prior to exiting 7<sup>th</sup> grade”</li> </ol>	<ol style="list-style-type: none"> <li>1. Working with multiple agencies across the state and with the approved Workforce Investment Opportunities Act (WIOA) plan as submitted and approved by the Federal Government, when adults enter the workforce training they will develop an Individual Success Plan (ISP).</li> <li>2. It is the goal of MDE to make sure students begin this process in K-12. The language should be the same to avoid confusion.</li> <li>3. Carnegie units may be offered to 7th graders. Prior advisement is essential for GPA, etc.</li> </ol>
Standard 26	High school must offer 32 ½ credits	<ol style="list-style-type: none"> <li>1. Change wording to “must offer 33½ credits” to reflect the Essentials for College Literacy and the Essentials for College Math requirements</li> </ol>	<ol style="list-style-type: none"> <li>1. On April 20, 2017, the State Board of Education approved State Board Policy Chapter 28, Rule 28.6 which states: “Beginning with the 2018-2019 school year, all LEAs must offer Essentials of College Math and Essentials of College Literacy.”</li> </ol>
Appendix A-6 Appendix A-7	Traditional Diploma	<ol style="list-style-type: none"> <li>2. In superscript 2 for Math requirements, <b>delete</b> the entire sentence that says “At least (2) of the four (4) required mathematics Carnegie units must be earned in courses higher than the CCR Algebra course”</li> </ol>	<ol style="list-style-type: none"> <li>1. This language does not reflect the math requirements for Traditional Diploma or the Career and Technical Endorsement.</li> </ol>

Accountability Standards Appendix	Title	Changes Requested	Justification for change
Appendix A-1 Appendix A-2 Appendix A-3 Appendix A-6 Appendix A-7 Appendix A-8 Appendix A-9	Graduation Requirements	<ol style="list-style-type: none"> <li>Add to superscript 9 the following courses that meet the Carnegie unit requirement for Technology and Computer Science: <ul style="list-style-type: none"> <li>Cyber Foundations I</li> <li>Cyber Foundations II</li> <li>Computer Science and Engineering</li> <li>AP Computer Science Principles</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>New Computer Science courses will be offered in school year 2018-2019.</li> </ol>
Appendix A-4	Equivalency Chart for Innovative Programs	<ol style="list-style-type: none"> <li>Remove Equivalency Course for all areas except Cambridge</li> <li>Remove Equivalency Test for Innovative High School and Quality Core ACT</li> </ol>	<ol style="list-style-type: none"> <li>Integrated Mathematics is not an option due to lack of end-of-course assessment.</li> <li>ACT Quality Core is no longer available to schools and ACT is not accepted as equivalent curriculum standards to the MS College and Career Readiness Standards.</li> </ol>
Appendix B	Required Courses in Each Secondary School	<p>Add the following courses and units to the required course list</p> <ul style="list-style-type: none"> <li>Essentials of College Literacy – 1 unit</li> <li>Change total units in English to 5</li> <li>Essentials of College Math – 1 unit</li> <li>Change Elective Math Courses from 2 units to 1 unit to reflect the requirement for Essentials of College Math (without change total Math require units)</li> <li>Change total units required from 32 ½ units to 33 ½ units</li> </ul>	<ol style="list-style-type: none"> <li>On April 20, 2017, the State Board of Education approved State Board Policy Chapter 28, Rule 28.6. which states: “Beginning with the 2018-2019 school year, all LEAs must offer Essentials of College Math and Essentials of College Literacy.”</li> </ol>

Accountability Standards Appendix	Title	Changes Requested	Justification for change
Appendix B	Change title Business and Technology to Technology and Computer Science	Courses listed in this section should be: <ul style="list-style-type: none"> <li>• Information and Communication Technology II (ICT II)</li> <li>• Science, Technology, Engineering, and Math (STEM)</li> <li>• Keystone</li> <li>• Technology Foundations</li> <li>• Information and Communication Technology</li> <li>• PLTW Computer Science Essentials</li> <li>• PLTW Introduction to Computer Science</li> <li>• PLTW Introduction to Engineering</li> <li>• Exploring Computer Science</li> <li>• Cyber Foundations I</li> <li>• Cyber Foundations II</li> <li>• Computer Science and Engineering</li> <li>• AP Computer Science Principles</li> </ul>	1. These changes reflect all changes in Technology and Computer Science.
Appendix B	Personal Finance	Personal Finance ½	1. Legislative statute requires schools to offer a personal finance class, however, personal finance is not required for graduation.
Appendix B	On-line Vendor Courses	Distance learning, <b>approved on-line vendor courses</b> , or approved MS Virtual Public-School courses may be used as appropriate alternatives for the delivery of these required Advanced Placement (AP) courses.	1. Change language to reflect the new policy for allowing additional vendors to provide on-line classes for school districts.

Students receiving a standard diploma may select from graduation pathways as specified by the local school district's graduation requirements.

- 14.1.1 Entering ninth graders in 2005-2006 and ending with incoming ninth graders of 2017-18 are required to have a minimum of 21 Carnegie units as specified in Appendix A-1.
- 14.1.2 Entering ninth graders in 2008-2009 and ending with incoming ninth graders of 2017-2018 are required to have a minimum of 24 Carnegie units as specified in Appendix A-2, unless, in accordance with school board policy, their parent/guardian requests to opt the student out of Appendix A-2 requirements. This student would be required to complete the graduation requirements specified in Appendix A-1.
- 14.1.3 Entering eleventh graders in 2010-2011 and ending with incoming ninth graders of school year 2016-2017 who chose the Career Pathway Option are required to earn the minimum graduation requirements specified in Appendix A-3. {Miss. Code Ann. § 37-16-7}
- 14.1.4 Beginning in school year ~~2011-2012~~ 2018-2019, all ~~eighth-grade-seventh-grade~~ students are required to have ~~an Individualized Career and Academic Plan (iCAP)~~ Individual Success Plan (ISP) prior to exiting the ~~eighth seventh~~ grade.
- 14.1.5 Innovative Programs
- 14.1.6 Early Exit Diploma shall end with incoming 9th graders of school year 2018-2019.
- 14.1.7 Entering ninth graders in 2018-2019 and thereafter, are required to have a minimum of 24 Carnegie units as specified in Appendix A-6.
- 14.1.8 Entering ninth graders in 2018-2019 and thereafter, are required to have a minimum of 26 Carnegie units and meet additional requirements as specified in Appendix A-7 to earn a Traditional Diploma with a Career and Technical Endorsement.
- 14.1.9 Entering ninth graders in 2018-2019 and thereafter, are required to have a minimum of 26 Carnegie units and meet additional requirements as specified in Appendix A-8 to earn a Traditional Diploma with an Academic Endorsement.
- 14.1.10 Entering ninth graders in 2018-2019 and thereafter, are required to have a minimum of 28 Carnegie units and meet additional requirements as specified in Appendix A-9 to earn a Traditional Diploma with a Distinguished Academic Endorsement.
- 14.1.11 Entering ninth graders with a significant cognitive disability in 2018-2019 and thereafter, are required to have a minimum of 24 Credits as described in Appendix A-10 to earn an Alternate Diploma.
- 14.2 Each student receiving a standard diploma has met assessment requirements on each of the required high school exit examinations. {Miss. Code Ann. § 37-16-7} {7 Miss. Admin. Code Pt. 3, Ch. 34, R. 34.1, Ch. 36, R. 36.1, R. 36.3, R. 36.4}
- 14.3 Ending with incoming ninth graders of 2016-2017 each student who has completed the secondary curriculum for special education may be issued a special diploma or certificate of completion, which states: "This student has successfully completed an Individualized Education Program." {Miss. Code Ann. § 37-16-11(1)}
- 14.4 Ending with the incoming ninth grade class of 2016-2017, each student with disabilities receiving a Mississippi Occupational Diploma has successfully completed all minimum requirements established by the State Board of Education. {Miss. Code Ann. § 37-16-11(2)} {See Appendix G.}
- 14.5 The student who fails to meet the graduation requirements is not permitted to participate in the graduation exercises.

**Note:** Students enrolled in grades 7 – 12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of the Approved Courses for the Secondary Schools of Mississippi Manual.

**APPENDIX A-2 (Continued)**  
**GRADUATION REQUIREMENTS**  
**STANDARD 14**  
**(Ending with incoming ninth graders of 2017-2018)**

<sup>1</sup>Carnegie units earned for Compensatory English courses, cannot be included as any of the four (4) English Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Beginning school year 2014-2015, Compensatory English may be taken only if a credit-bearing English course is taken in the same school year. Accelerated English 9 can be accepted in lieu of English I. Accelerated English 10 can be accepted in lieu of English II. Beginning school year 2010-2011 for all entering ninth graders, English I is a required prerequisite course for English II. English I may not be taken after a student completes English II.

<sup>2</sup>Carnegie units earned for Compensatory Mathematics courses, cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. At least two (2) of the four (4) required mathematics Carnegie units must be earned in a course higher than the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8<sup>th</sup> grade or 9<sup>th</sup> grade students. Foundations of Algebra shall only be available for 9<sup>th</sup> grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. One (1) of the four (4) required Carnegie units for mathematics may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II.

<sup>3</sup>For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience, and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Science, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. Effective with school year 2013-2014, up to two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. Effective with eighth graders of school year 2013-2014, Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit.

<sup>4</sup>Based on the *2011 Mississippi Social Studies Framework*, A.P. World History can be accepted in lieu of the required World History from the Age of Enlightenment to Present course. A.P. United States History can be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A.P. Government and Politics: United States can be accepted in lieu of the required United States Government course. A.P. Macroeconomics or A.P. Microeconomics can be taken in lieu of the required Economics course. A.P. Human Geography can be accepted in lieu of the required Geography course. MYP World Geography is accepted in lieu of the required Geography course for students enrolled in the IB program. IB-DP History of the Americas I is accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II is accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government is accepted in lieu of the required Government course for students enrolled in the IB program.

**APPENDIX A-2 (Continued)**  
**GRADUATION REQUIREMENTS**  
**STANDARD 14**  
**(Ending with incoming ninth graders of 2017-2018)**

<sup>5</sup>Carnegie unit earned for Business Fundamentals or Business Fundamentals II may be accepted in lieu of one-half (½) unit in Economics.

<sup>6</sup>The Carnegie unit earned for a State/Local Government course in any other state by an out-of-state transfer student who enters after the sophomore year can stand in lieu of Mississippi Studies or Mississippi State and Local Government. If the transfer student took a State/Local Government course in a grade level that did not award Carnegie unit credit, then any other one-half (½) unit social studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other one-half (½) unit social studies course.

<sup>7</sup>Carnegie units earned in Healthcare & Clinical Services I, Health Sciences I, or Theory and Application of Health Sciences I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health.

<sup>8</sup>Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health beginning in the 2010-2011 school year and thereafter.

<sup>9</sup>Comprehensive Health or Family and Individual Health meet the health requirement if taken prior to the 2014-2015 school year. The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, band, show choir, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association.

<sup>10</sup>The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science and Project Lead the Way Introduction to Engineering, Exploring Computer Science, and AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, Computer Science and Engineering.

<sup>11</sup>Digital Media may be accepted in lieu of the art requirement for students.

<sup>12</sup>Only one (1) elective unit in physical education including participation in interscholastic athletic activities, band, performance choral, show choir, dance or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required state units. If a local district has graduation requirements above the state requirements, they may award additional credits as outlined in the local Board policy.

**APPENDIX A-3 (Continued)**  
**GRADUATION REQUIREMENTS**  
**STANDARD 14**  
**CAREER PATHWAY OPTION**  
**SENIORS OF SCHOOL YEAR 2011-2012**  
**(Entering eleventh graders 2010-2011 ending with incoming ninth graders in 2016-2017)**

<sup>6</sup>Carnegie unit earned in Healthcare & Clinical Services I/Health Science I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health. Interscholastic athletic activities, band, show choir and ROTC, if they meet the instructional requirements specified in the *Fitness through Physical Education Framework*, may also be accepted.

<sup>7</sup>Career and Technical Education (CTE) courses must be based on the student's program of study and should include dual credit/dual enrollment options as found in Section 37-15-38 of the *Mississippi Code of 1972*.

<sup>8</sup>Evidence of proficiency in technology is accepted in lieu of the required courses if the student earns one (1) unit in a technology-rich academic or career technical course related to their program of study. The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science and Project Lead the Way Introduction to Engineering, Exploring Computer Science, and AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, Computer Science and Engineering.

<sup>9</sup>Electives must be selected from courses related to the student's program of study. Credits earned not approved for that student's program of study will not be counted toward graduation requirements.

<sup>10</sup>Comprehensive Health or Family and Individual Health meet the health requirement if taken prior to the 2014-2015 school year.

<sup>10</sup>Comprehensive Health or Family and Individual Health meet the health requirement if taken prior to the 2014-2015 school year.



## Equivalency Chart for Innovative Programs - Authorized by the State Board of Education

### Equivalency Curriculum Chart for MS Tested Areas

MS Curriculum	Cambridge	Innovative High School	Quality Core-ACT
Algebra I or Integrated Math I	Cambridge IGCSE Mathematics I Or Cambridge IGSE Extended Sequence	<del>Integrated Mathematics I</del>	<del>ACT Quality Core Algebra I</del>
Biology I	Coordinated Science I Or Cambridge IGCSE Biology	<del>Integrated Science II</del>	<del>ACT Quality Core Biology I</del>
English II	Cambridge IGCSE English Language	<del>Integrated English Language II</del>	<del>ACT Quality Core English II</del>
US History	Cambridge IGCSE American History	<del>Integrated History II</del>	<del>ACT Quality Core American History</del>

### Equivalency Test Chart for MS Tested Areas

MS Curriculum	Cambridge	Innovative High School	Quality Core-ACT
Algebra I	Cambridge Mathematics End of Sequence Test	<del>PLAN or ACT</del>	<del>ACT Quality Core Algebra I EOC Test</del>
Biology I	Coordinated Science I or Cambridge IGCSE Biology End of Course (EOC) Test	<del>PLAN or ACT</del>	<del>ACT Quality Core Biology I EOC Test</del>
English II	Cambridge IGCSE English Language EOC Test	<del>PLAN or ACT</del>	<del>ACT Quality Core English II EOC Test</del>
US History	Cambridge IGCSE American History EOC Test	<del>PLAN or ACT</del>	<del>ACT Quality Core American History EOC Test</del>

**APPENDIX A-6 (Continued)**  
**GRADUATION REQUIREMENTS**  
**STANDARD 14**  
**TRADITIONAL DIPLOMA**  
**(Entering ninth graders in 2018-2019 and thereafter)**

<sup>1</sup>Carnegie units earned for Compensatory English courses cannot be included as any of the four (4) English Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory English may be taken only if a credit-bearing English course is taken in the same school year. Accelerated English 9 can be accepted in lieu of English I. Accelerated English 10 can be accepted in lieu of English II. English I is a required prerequisite course for English II. English I may not be taken after a student completes English II.

<sup>2</sup>Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. ~~At least two (2) of the four (4) required mathematics Carnegie units must be earned in courses higher than the CCR Algebra I course.~~ The Ready for High School Mathematics course shall only be available for 8<sup>th</sup> grade or 9<sup>th</sup> grade students. Foundations of Algebra shall only be available for 9<sup>th</sup> grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. One (1) of the four (4) required Carnegie units for mathematics may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II.

<sup>3</sup>For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience, and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

<sup>4</sup>Based on the *2011 Mississippi Social Studies Framework*, A.P. World History can be accepted in lieu of the required World History from the Age of Enlightenment to Present course. A.P. United States History can be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A.P. Government and Politics: United States can be accepted in lieu of the required United States Government course. IB-DP History of the Americas I is accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II is accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government is accepted in lieu of the required Government course for students enrolled in the IB program.

**APPENDIX A-6 (Continued)**  
**GRADUATION REQUIREMENTS**  
**STANDARD 14**  
**TRADITIONAL DIPLOMA**  
**(Entering ninth graders in 2018-2019 and thereafter)**

<sup>5</sup>Carnegie credit earned for Business Fundamentals or Business Fundamentals II may be accepted in lieu of one-half (½) unit in Economics. A.P. Macroeconomics or A.P. Microeconomics can be taken in lieu of the required Economics course.

<sup>6</sup>The Carnegie credit earned for a State/Local Government course in any other state by an out-of-state transfer student who enters after the sophomore year can stand in lieu of Mississippi Studies or Mississippi State and Local Government. If the transfer student took a State/Local Government course in a grade level that did not award Carnegie unit credit, then any other one-half (½) unit social studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other one-half (½) unit social studies course. IB-DP History of the Americas II is accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program.

<sup>7</sup>The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, band, show choir, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, band, performance choral, show choir, dance or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required state units. If a local district has graduation requirements above the state requirements, they may award additional credits as outlined in the local Board policy.

<sup>8</sup>Carnegie credit earned in Healthcare & Clinical Services I, Health Sciences I, or Theory and Application of Health Sciences I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health. Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health.

<sup>9</sup>The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science and Project Lead the Way Introduction to Engineering, Exploring Computer Science, and AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, Computer Science and Engineering.

<sup>10</sup>Digital Media may be accepted in lieu of the art requirement for students.

<sup>11</sup>The College- and Career-Readiness course is to provide planning and instruction for postsecondary transition. Courses that meet College- and Career-Readiness must be approved through the Mississippi Department of Education. Courses may be taught during the junior or senior year unless the course is taught through a four-year sequence and the student completes all four years.

<sup>12</sup>Additional requirements above the 24 Carnegie Units and the assessment requirements include:

- Students must identify an endorsement area prior to entering 9<sup>th</sup> grade. Endorsement requirements can only be changed with parental permission this includes dropping the endorsement to earn only the Traditional diploma.

**APPENDIX A-6 (Continued)**  
**GRADUATION REQUIREMENTS**  
**STANDARD 14**  
**TRADITIONAL DIPLOMA**  
**(Entering ninth graders in 2018-2019 and thereafter)**

- For early release, students must meet College- and Career-Readiness benchmarks of 17 in English and 19 in Math on the ACT sub-score OR earn a Silver level on the ACT WorkKeys suite of assessments. For seniors that have not meet the benchmarks, to qualify for early release (work release) students must meet the following requirements:
  - Have a GPA of 2.5 and have passed or meet the assessment option requirements for all four end-of-course assessments
  - Are on track to meet the diploma requirements
  - Are concurrently enrolled in the appropriate Essentials for College- and Career-Readiness Class

<sup>13</sup> Additional recommendations (not requirements) above the 24 Carnegie Units and assessment requirements include:

- For early graduation, a student should successfully complete an area of endorsement
- Student should take a math or math equivalency senior year

**APPENDIX A-7 (Continued)**  
**GRADUATION REQUIREMENTS**  
**STANDARD 14**  
**TRADITIONAL DIPLOMA WITH CAREER AND TECHNICAL ENDORSEMENT**  
**(Entering ninth graders in 2018-2019 and thereafter)**

<sup>1</sup>Carnegie units earned for Compensatory English courses cannot be included as any of the four (4) English Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory English may be taken only if a credit-bearing English course is taken in the same school year. Accelerated English 9 can be accepted in lieu of English I. Accelerated English 10 can be accepted in lieu of English II. English I is a required prerequisite course for English II. English I may not be taken after a student completes English II.

<sup>2</sup>Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. ~~At least two (2) of the four (4) required mathematics Carnegie units must be earned in courses higher than the CCR Algebra I course.~~ The Ready for High School Mathematics course shall only be available for 8<sup>th</sup> grade or 9<sup>th</sup> grade students. Foundations of Algebra shall only be available for 9<sup>th</sup> grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. One (1) of the four (4) required Carnegie units for mathematics may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II.

<sup>3</sup>For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience, and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

<sup>4</sup>Based on the *2011 Mississippi Social Studies Framework*, A.P. World History can be accepted in lieu of the required World History from the Age of Enlightenment to Present course. A.P. United States History can be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A.P. Government and Politics: United States can be accepted in lieu of the required United States Government course. IB-DP History of the Americas I is accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II is accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government is accepted in lieu of the required Government course for students enrolled in the IB program.

<sup>5</sup>Carnegie credit earned for Business Fundamentals or Business Fundamentals II may be accepted in lieu of one-half ( $\frac{1}{2}$ ) unit in Economics. A.P. Macroeconomics or A.P. Microeconomics can be taken in lieu of the required Economics course.

**APPENDIX A-7 (Continued)**  
**GRADUATION REQUIREMENTS**  
**STANDARD 14**

**TRADITIONAL DIPLOMA WITH CAREER AND TECHNICAL ENDORSEMENT**  
**(Entering ninth graders in 2018-2019 and thereafter)**

<sup>6</sup>The Carnegie credit earned for a State/Local Government course in any other state by an out-of-state transfer student who enters after the sophomore year can stand in lieu of Mississippi Studies or Mississippi State and Local Government. If the transfer student took a State/Local Government course in a grade level that did not award Carnegie unit credit, then any other one-half (½) unit social studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other one-half (½) unit social studies course. IB-DP History of the Americas II is accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program.

<sup>7</sup>The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, band, show choir, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, band, performance choral, show choir, dance or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required state units. If a local district has graduation requirements above the state requirements, they may award additional credits as outlined in the local Board policy.

<sup>8</sup>Carnegie credit earned in Healthcare & Clinical Services I, Health Sciences I, or Theory and Application of Health Sciences I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health. Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health.

<sup>9</sup>The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science and Project Lead the Way Introduction to Engineering, Exploring Computer Science, and AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, Computer Science and Engineering.

<sup>10</sup>Digital Media may be accepted in lieu of the art requirement for students.

<sup>11</sup> The College- and Career-Readiness course is to provide planning and instruction for postsecondary transition. Courses that meet College- and Career-Readiness must be approved through the Mississippi Department of Education. Courses may be taught during the junior or senior year unless the course is taught through a four-year sequence and the student completes all four years.

<sup>12</sup>Additional requirements above Traditional Diploma Option and the 26 Carnegie Units and the assessment include:

- Earn an overall GPA of 2.5
- Earn silver level on ACT WorkKeys
- Must successfully complete **one** of the following:
  - One CTE dual credit
  - A Career Pathway Experience
  - Earn a State Board of Education approved national credential

**APPENDIX A-8 (Continued)**  
**GRADUATION REQUIREMENTS**  
**STANDARD 14**  
**TRADITIONAL DIPLOMA with an ACADEMIC ENDORSEMENT**  
**(Entering ninth graders in 2018-2019 and thereafter)**

<sup>6</sup>The Carnegie credit earned for a State/Local Government course in any other state by an out-of-state transfer student who enters after the sophomore year can stand in lieu of Mississippi Studies or Mississippi State and Local Government. If the transfer student took a State/Local Government course in a grade level that did not award Carnegie unit credit, then any other one-half ( $\frac{1}{2}$ ) unit social studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other one-half ( $\frac{1}{2}$ ) unit social studies course. IB-DP History of the Americas II is accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program.

<sup>7</sup>The graduation requirement for one-half ( $\frac{1}{2}$ ) unit in physical education may include participation in interscholastic athletic activities, band, show choir, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, band, performance choral, show choir, dance or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required state units. If a local district has graduation requirements above the state requirements, they may award additional credits as outlined in the local Board policy.

<sup>8</sup>Carnegie credit earned in Healthcare & Clinical Services I, Health Sciences I, or Theory and Application of Health Sciences I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half ( $\frac{1}{2}$ ) Carnegie unit in Health. Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half ( $\frac{1}{2}$ ) Carnegie unit in Health.

<sup>9</sup>The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science and Project Lead the Way Introduction to Engineering, Exploring Computer Science, and AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, Computer Science and Engineering.

<sup>10</sup>Digital Media may be accepted in lieu of the art requirement for students.

<sup>11</sup> The College- and Career-Readiness course is to provide planning and instruction for postsecondary transition. Courses that meet College- and Career-Readiness must be approved through the Mississippi Department of Education. Courses may be taught during the junior or senior year unless the course is taught through a four-year sequence and the student completes all four years.

<sup>12</sup>Additional requirements above the Traditional Diploma Option, the 26 Carnegie Units and the assessment requirements include:

- Earn an overall GPA of 2.5
- Courses must meet MS IHL college preparatory curriculum (CPC) requirements
- Earn MS college readiness benchmarks (ACT sub scores of 17 in English and 19 in Math or completion of appropriate Essentials of College Math or Essentials of College Literacy with and 80 or above (in senior year) or on the SAT as defined by IHL

**APPENDIX A-9 (Continued)**  
**GRADUATION REQUIREMENTS**  
**STANDARD 14**

**TRADITIONAL DIPLOMA with a DISTINGUISHED ACADEMIC ENDORSEMENT**  
**(Entering ninth graders in 2018-2019 and thereafter)**

<sup>6</sup>The Carnegie credit earned for a State/Local Government course in any other state by an out-of-state transfer student who enters after the sophomore year can stand in lieu of Mississippi Studies or Mississippi State and Local Government. If the transfer student took a State/Local Government course in a grade level that did not award Carnegie unit credit, then any other one-half ( $\frac{1}{2}$ ) unit social studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other one-half ( $\frac{1}{2}$ ) unit social studies course. IB-DP History of the Americas II is accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program.

<sup>7</sup>The graduation requirement for one-half ( $\frac{1}{2}$ ) unit in physical education may include participation in interscholastic athletic activities, band, show choir, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, band, performance choral, show choir, dance or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required state units. If a local district has graduation requirements above the state requirements, they may award additional credits as outlined in the local Board policy.

<sup>8</sup>Carnegie credit earned in Healthcare & Clinical Services I, Health Sciences I, or Theory and Application of Health Sciences I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half ( $\frac{1}{2}$ ) Carnegie unit in Health. Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half ( $\frac{1}{2}$ ) Carnegie unit in Health.

<sup>9</sup>The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science and Project Lead the Way Introduction to Engineering, Exploring Computer Science, and AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, Computer Science and Engineering.

<sup>10</sup>Digital Media may be accepted in lieu of the art requirement for students.

<sup>11</sup>The College- and Career-Readiness course is to provide planning and instruction for postsecondary transition. Courses that meet College- and Career-Readiness must be approved through the Mississippi Department of Education. Courses may be taught during the junior or senior year unless the course is taught through a four-year sequence and the student completes all four years.

<sup>12</sup>Additional requirements above the Traditional Diploma Option, the 28 Carnegie Units and the assessment requirements include:

- Earn an overall GPA of 3.0
- Courses must meet MS IHL CPC recommended requirements
- Earn national college readiness benchmarks on each subtest established by ACT of 18 in English and 22 in Math or on the SAT as defined by IHL.
- Must successfully complete one of the following:
  - One AP course with a B or higher and take the appropriate AP exam



**APPENDIX A-9 (Continued)**  
**GRADUATION REQUIREMENTS**  
**STANDARD 14**  
**TRADITIONAL DIPLOMA with a DISTINGUISHED ACADEMIC ENDORSEMENT**  
**(Entering ninth graders in 2018-2019 and thereafter)**

- One Diploma Program- IB course with a B or higher and take the appropriate IB exams
- One dual credit course earning a B or higher in the course

<sup>13</sup>Additional recommendations (not requirements) above 28 Carnegie Units and assessment requirements include:

- For early graduation, a student should successfully complete an area of endorsement
- Student should take a math or math equivalency senior year



	AP Computer Science Principles		
PERSONAL FINANCE	Personal Finance	$\frac{1}{2}$ <sup>3</sup>	$\frac{1}{2}$ <sup>3</sup>
HEALTH/PHYSICAL EDUCATION	Contemporary Health Physical Education	$\frac{1}{2}$ $\frac{1}{2}$	 1
THE ARTS	Any approved 500.000 course	1	1
FAMILY & CONSUMER SCIENCE	Family Dynamics	$\frac{1}{2}$	$\frac{1}{2}$
CAREER & TECHNICAL	Any combination of courses <sup>4</sup>	4 <sup>4</sup>	4
ADVANCED PLACEMENT <sup>5,6</sup>	At least one (1) advanced placement course in each of the four (4) core areas. AP course in Mathematics AP course in Science AP course in Language Arts AP course in Social Studies	 1 <sup>5,6</sup> 1 <sup>5,6</sup> 1 <sup>5,6</sup> 1 <sup>5,6</sup>	 4
ELECTIVES	Foreign Language (IHL) or Advanced World Geography (IHL) Any other Elective	 1 $\frac{1}{2}$	 1 $\frac{1}{2}$
TOTAL UNITS REQUIRED			<del>32</del> –33 $\frac{1}{2}$

**APPENDIX B (Continued)**  
**REQUIRED COURSES IN THE CURRICULUM OF EACH SECONDARY SCHOOL**  
**STANDARD 26**  
**Effective Beginning School Year 2014-2015**

<sup>1</sup>Includes Physics, AP Physics B, AP Physics C—Electricity and Magnetism, and AP Physics C—Mechanics.

<sup>2</sup>Two (2) of the three (3) elective science units may be offered through the following courses: Introduction to Agriscience, Concepts of Agriscience, Science of Agricultural Plants, Science of Agricultural Animals, Science of Agricultural Environment, Healthcare & Clinical Services I & II, Aquaculture I & II, Forestry I & II, Horticulture I & II, Agriculture and Natural Resources I & II, and Robotics/Engineering I & II.

<sup>3</sup>One-half ( $\frac{1}{2}$ ) unit in Financial Technology, one-half ( $\frac{1}{2}$ ) unit in Resource Management, or one-half ( $\frac{1}{2}$ ) unit in National Endowment for Personal Finance may be offered in lieu of one-half ( $\frac{1}{2}$ ) unit in Personal Finance.

<sup>4</sup>Includes Agriculture; Business Technology; Cooperative and Marketing Education; Family and Consumer Sciences; Health Education; Home Economics, Lodging and Hospitality; Technology Education; and Trade and Industrial.

<sup>5</sup>A school offering the International Baccalaureate program is exempted.

<sup>6</sup>Distance learning, approved on-line vendor courses, or approved MS Virtual Public School courses may be used as an appropriate alternative for the delivery of these required Advanced Placement (AP) courses.