

**OFFICE OF CHIEF ACADEMIC OFFICER**  
**Summary of State Board of Education Agenda Items**  
**Consent Agenda**  
**September 29, 2022**

**OFFICE OF ACADEMIC EDUCATION**  
**OFFICE OF ACCREDITATION**

- C. Approval to revise Miss. Admin. Code: 7-24: *Mississippi Public School Accountability Standards, 2022, Appendices A-6 – A-10, A-12, and C-2* and Miss. Admin. Code 7-163: *Mississippi Nonpublic School Accountability Standards, 2022, Appendices A-6 – A-10, A-12, and C-2*  
(Has cleared the Administrative Procedures Act process with public comments)

Background Information: Mississippi Admin. Code: 7-24: *Mississippi Public School Accountability Standards, 2022, Appendices A-6 – A-10, A-12, and C-2* and Miss. Admin. Code 7-163: *Mississippi Nonpublic School Accountability Standards, 2022, Appendices A-6 – A-10, A-12, and C-2* provide the requirements for graduation for each of the diploma options.

The proposed revisions to the appendices modify the requirements for early release, provide clarification to the Alternative Diploma, update the CTE course substitutions, and delete the freshman admission requirements for university system institutions.

The Commission on School Accreditation (CSA) voted to submit a request to the State Board of Education to begin the Administrative Procedures Act (APA) process to revise the *Mississippi Public School Accountability Standards, 2022* during a regularly scheduled meeting on June 2, 2022.

On June 16, 2022, the SBE approved the request to begin the APA process. Based on the comments received during the APA process, the MDE recommended additional revisions and requested approval to begin the APA process based on the additional revisions.

The proposed revisions to the *Mississippi Nonpublic School Accountability Standards 2022* align to the proposed revisions to the *Mississippi Public School Accountability Standards, 2022*.

Note: No revisions are being proposed to Appendices A-1 – A-5, B, or C-1.

Recommendation: Approval

Back-up material attached

**The Office of Secondary Education received the following APA comments about the Revisions to MPSAS Appendix A-6 – A-10, A-12, and C-2.**

Summary of Comment	MDE Response
<p><b>Scott Kolle</b>  <b>See Below.....in yellow Highlight. Articulated Credit no longer exist.</b>  <b>Page 120</b></p> <p><b>12. Additional requirements above Traditional Diploma Option and the 26 Carnegie units and the assessment include:</b></p> <ul style="list-style-type: none"> <li>• Earn an overall GPA of 2.5</li> <li>• Earn silver level on ACT WorkKeys</li> <li>• Must successfully complete one (1) of the following: <ul style="list-style-type: none"> <li>▪ One (1) dual credit or earned articulated credit in the high school CTE course</li> <li>▪ Work based learning</li> <li>▪ Earn a State Board of Education approved national credential</li> <li>▪ One (1) AP, Diploma Program-IB, or Cambridge (AICE) course aligned to their career pathway. Students must earn a C or higher and take the appropriate exam.</li> </ul> </li> </ul>	<p>Agreed. The CPAS for CTE ended in school year 2021-2022 and articulated credit was based on the CPAS. This was overlooked for deletion.</p> <p>Highlighted phrase will be removed.</p>

July 12, 2022

Dr. Lea Johnson  
Bureau Director  
Division of Secondary Education  
359 North West Street; PO Box 771  
Jackson, Mississippi 39205-0771

Re: Proposed Revisions to MPSAS Appendix A-6 – A-10, A-12, and C-2

Thank you for the opportunity to respond to the proposed changes to Mississippi Public School Accountability Standards (MPSAS), 2022, Appendix A-6 – A-10, A-12, and C-2. After careful consideration, we find the following parts of the revision need further clarification:

- Appendix A-6, A-7, A-8, and A-9 each reference in footnote 8 concerning Health: "For approved Career and Technical course substitutions see Appendix A-12." However, Appendix A-12 has no references for Health substitutions, nor for Arts, Economics, and Personal Finance; see **Attachment: Screenshot of Substitutions omitted in the revisions to Appendix A-12**. If a student can no longer substitute Health Science Core options for Health, with which graduating class will the new change be in effect? Many of 2022-23 seniors and juniors have used this substitution for health, with sophomores who took Health Science Core I in 21-22 planning to take Health Science Core II as a substitute in 2022-23. **If removing the option is intended, then students and school administrators need time to implement that change, such as with the freshman class of 2022-23 (graduating class of 2025-26). If the option was simply omitted in the presentation to the SBE, it should be included for final approval.**
- Appendix A-10 references Appendix A-12 in footnote 3 related to Health substitutions; however, Appendix A-12 does not include A-10 in the Appendix header as an option for substitution (see page 23 of the board item backup document). **If Appendix A-12 applies to Appendix A-10 as well, then A-10 should be included in the header on page 23; otherwise, footnote 3 on Appendix A-10 should be edited as appropriate.**
- Appendix A-6 footnote 12 second bullet about early release, "SREB" is still showing on the final copy (page 3), while having a strikethrough on the red-line version (page 34). Just to clarify: students not meeting either of the CCR benchmarks noted in footnote 12 must take the math and/or English senior year course that is above the math and/or English junior year course previously taken in order to qualify for early/work release. If that is correct, we have no further corrections. However, we do want the board to consider that the majority of students have earned four (4) math credits by the end of their junior year, since most students earn a credit for 8th grade math. **Some students who do not meet the benchmark for early/work release feel they are being punished by having to take an additional course that they are not required to pass to graduate, which results in decreased attendance and an increase in disciplinary issues. We respectfully ask that you reconsider this requirement given the unintended consequences.**

We appreciate the opportunity to respond to the proposed revision of the policy. If you have any questions, please feel free to contact us for more information.

Yours in education,  
**John Scott Rimes, PhD**  
Scott Rimes, Ph.D.  
Superintendent of Education  
Rankin County School District

**Attachment:** Screenshot of Substitutions omitted in the revisions to Appendix A-12

<b>CTE Curriculum Name (Course Code)</b>	<b>Equivalent HS Graduation Requirements Met</b>
AP Computer Science A (110141)	1 unit of Technology/Computer Science <b>OR</b> 1 Unit of Math <b>OR</b> 1 Unit of Science may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie Units are awarded.
Health Science Core (995100) <b>OR</b> Health Science Core I (995102) Health Science Core II (995103)	To meet the requirement for Contemporary Health, 2 Carnegie units of Health Core Science must be completed.
Digital Media Technology I & II (994100 and 994101) <b>OR</b> Orientation to Digital Media (994108) Fundamentals of Digital Media (994109) Theory and Applications of Digital Media I (994110) Theory and Applications of Digital Media II (994111)	1 unit of the Arts may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Business Fundamentals (992300) (No longer offered) <b>OR</b> Business Fundamentals I (992301) (No longer offered) Business Fundamentals II (992302) (No longer offered)	½ unit of Economics may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Business, Marketing, and Finance I (992004) Business, Marketing, and Finance II (992005) <b>OR</b> Fundamentals of Business & Entrepreneurship (992404) Marketing (992403) Management (992309) Finance (992003)	½ unit of Personal Finance may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course. <b>AND</b> ½ unit of Economics may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.



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

Each student graduating from a secondary school in an accredited school district will have earned the required Carnegie units as specified in the following table. Contents of each required and elective course must include the core objectives identified in the *Mississippi College- and Career-Readiness Standards*. Course titles and identification numbers must appear in the current edition of the *Approved Courses for Secondary Schools of Mississippi*. (See Miss. Admin. Code 7-3:28.2 and 28.3, State Board Policy, Chapter 28, Rules 28.2 and 28.3.) 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*. Enrollment in online courses listed in this document must have prior approval granted by the principal.

Any student who completes the minimum graduation requirements as specified below and has met the requirements for each of the required high school assessments is eligible to receive a high school diploma. The local school district may establish additional local requirements approved by the local school board as authorized under Miss. Code Ann. § 37-16-7.

Beginning school year 2018-2019 and thereafter, all entering ninth graders will be required to have a minimum of 24 Carnegie units as specified below. Student may earn the following endorsements to be added to the traditional diploma: Career and Technical Endorsement, Academic Endorsement, and/or Distinguished Academic Endorsement. The local school district may establish additional local requirements approved by the local school board as authorized under Miss. Code Ann. § 37-16-7.

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 <sup>1</sup>	English I English II
MATHEMATICS	4 <sup>2</sup>	Algebra I
SCIENCE	3 <sup>3</sup>	Biology
SOCIAL STUDIES	3½	1 World History <sup>4</sup> 1 U.S. History <sup>4</sup> ½ U.S. Government <sup>4</sup> ½ Economics <sup>5</sup> ½ Mississippi Studies <sup>6</sup>
PHYSICAL EDUCATION	½ <sup>7</sup>	½ Physical Education
HEALTH	½ <sup>8</sup>	½ Contemporary Health
TECHNOLOGY or COMPUTER SCIENCE	1 <sup>9</sup>	
THE ARTS	1 <sup>10</sup>	
COLLEGE- and CAREER-READINESS	1 <sup>11</sup>	
ELECTIVES	5½	
<b>TOTAL UNITS REQUIRED</b>	<b>24<sup>12, 13, 14</sup></b>	

<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. 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. Cambridge IGCSE Mathematics I may be accepted in lieu of Algebra I and Cambridge IGSE Extended Sequence may be accepted in lieu of Integrated Math I. One (1) of the four (4) required Carnegie units for mathematics may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for a science or computer science unit. For approved Career and Technical course substitutions see Appendix A-12.

<sup>3</sup>One (1) of the four (4) required Carnegie units for science may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for a mathematics or computer science unit. For approved Career and Technical course substitutions see Appendix A-12. Coordinated Science I or Cambridge IGCSE Biology may be accepted in lieu of Biology.

<sup>4</sup>Based on the *2018 Mississippi College- and Career- Readiness Standards for Social Studies*, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB-DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II may be 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 may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

<sup>5</sup>A.P. Macroeconomics, A.P. Microeconomics, DC Macroeconomics, or DC Microeconomics can be taken in lieu of the required Economics course. For approved Career and Technical course substitutions see Appendix A-12.

<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, choral performance courses for show choir (i.e., Choral, Music-Choral-Ensembles), instrumental performance courses (i.e., Band, Music Instrumental Ensembles, Strings), dance performance courses 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. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses 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 Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

<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. For approved Career and Technical course substitutions see Appendix A-12.

<sup>9</sup>The following courses meet the Carnegie unit requirement for Technology or Computer Science: Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, AP Computer Science Principles, AP Computer Science A. For approved Career and Technical course substitutions see Appendix A-12.

<sup>10</sup>The Arts refers to Dance, Media Arts, Music, Theatre, and Visual Arts. For a listing of approved secondary course codes please refer to the arts section or the Mississippi Online Course Approval (MOCA) section of the current *Approved Courses for the Secondary Schools of Mississippi Arts*. The following dual credit classes: Music Appreciation, Theatre Appreciation, or Art Appreciation may be accepted in lieu of the Arts requirement for students. For approved Career and Technical course substitutions see Appendix A-12.

<sup>11</sup> The purpose of the College and Career Readiness Course is to provide planning and instruction for postsecondary transition. The following courses are approved substitutions for the CCR course:

1. Career and Technical Work Based Learning course
2. Dual Credit SmartStart
3. JROTC III and IV
4. Advanced Placement Capstone: Completion of both AP Seminar and AP Research or equivalent International Baccalaureate and Cambridge International Courses
5. Freshman, Sophomore, Junior and Senior MS College and Career Readiness Seminar course for Early College High Schools.

\*Additional requests for substitution must be submitted to the Office of Secondary Education for review and approval.

The CCR course may be taught in one of the following sequences:

- a. Senior year only
- b. Junior year only
- c. One (1) semester in either freshman, sophomore or junior year with the remaining semester taught in either junior or senior year
- d. ¼ Carnegie unit per year beginning with the freshman year

<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.
- 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

**AND**

- Are on track to meet the diploma requirements

**AND**

- Are concurrently enrolled in the appropriate Essentials for College Math or another mathematics course above their Junior year mathematics course and/or Essentials for College Literacy or another English Language Arts course above their Junior level English Language Arts course.

**OR**

- Have a GPA of 2.5 and have passed or meet the assessment option requirements for all four end-of-course assessments

**AND**

- Are on track to meet the diploma requirements

**AND**

- Students meet postsecondary requirements for placement and are enrolled in ENG Comp I and/or MAT College Algebra or have previously earned credit for ENG Comp I and/or MAT College Algebra

<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

<sup>14</sup> Courses designed using the Mississippi Alternate Academic Achievement Standards (MS AAAS) shall not be used as substitute courses or electives for students obtaining a traditional academic diploma with or without endorsements.

**APPENDIX A-7**

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

Each student graduating from a secondary school in an accredited school district will have earned the required Carnegie units as specified in the following table. Contents of each required and elective course must include the core objectives identified in the *Mississippi College- and Career-Readiness Standards*. Course titles and identification numbers must appear in the current edition of the *Approved Courses for Secondary Schools of Mississippi*. (See Miss. Admin. Code 7-3: 28.2 and 28.3, State Board Policy, Chapter 28, Rules 28.2 and 28.3.) 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*. Enrollment in online courses listed in this document must have prior approval granted by the principal.

In order to earn the Career and Technical Endorsement, a student must complete the minimum graduation requirements as specified below, meet the requirements for each of the required high school assessments and complete all career and technical endorsement additional requirements. The local school district may establish additional local requirements approved by the local school board as authorized under Miss. Code Ann. § 37-16-7.

Beginning school year 2018-2019 and thereafter, all entering ninth graders will be required to have a minimum of 26 Carnegie units as specified below to earn a Traditional Diploma with a Career and Technical Endorsement. The local school district may establish additional local requirements approved by the local school board as authorized under Miss. Code Ann. § 37-16-7.

<b>CURRICULUM AREA</b>	<b>CARNEGIE UNITS</b>	<b>REQUIRED SUBJECTS</b>
<b>ENGLISH</b>	<b>4<sup>1</sup></b>	<b>English I English II</b>
<b>MATHEMATICS</b>	<b>4<sup>2</sup></b>	<b>Algebra I</b>
<b>SCIENCE</b>	<b>3<sup>3</sup></b>	<b>Biology</b>
<b>SOCIAL STUDIES</b>	<b>3½</b>	<b>1 World History<sup>4</sup> 1 U.S. History<sup>4</sup> ½ U.S. Government<sup>4</sup> ½ Economics<sup>5</sup> ½ Mississippi Studies<sup>6</sup></b>
<b>PHYSICAL EDUCATION</b>	<b>½<sup>7</sup></b>	<b>½ Physical Education</b>
<b>HEALTH</b>	<b>½<sup>8</sup></b>	<b>½ Contemporary Health</b>
<b>TECHNOLOGY or COMPUTER SCIENCE</b>	<b>1<sup>9</sup></b>	
<b>THE ARTS</b>	<b>1<sup>10</sup></b>	
<b>COLLEGE- AND CAREER-READINESS</b>	<b>1<sup>11</sup></b>	
<b>CAREER and TECHNICAL</b>	<b>4</b>	
<b>ELECTIVES</b>	<b>3½</b>	
<b>TOTAL UNITS REQUIRED</b>	<b>26<sup>12, 13, 14</sup></b>	

<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. 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. Cambridge IGCSE Mathematics I may be accepted in lieu of Algebra I and Cambridge IGCSE Extended Sequence may be accepted in lieu of Integrated Math I. One (1) of the four (4) required Carnegie units for mathematics may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for science or computer science unit. For approved Career and Technical course substitutions see Appendix A-12.

<sup>3</sup>One (1) of the four (4) required Carnegie units for science may be in AP Computer Science Principles. If used for a science unit, AP Computer Science Principles cannot then also be used for a mathematics or computer science unit. For approved Career and Technical course substitutions see Appendix A-12. Coordinated Science I or Cambridge IGCSE Biology may be accepted in lieu of Biology.

<sup>4</sup>Based on the *2018 Mississippi College- and Career- Readiness Standards for Social Studies*, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB-DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II may be 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 may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

<sup>5</sup>A.P. Macroeconomics, A.P. Microeconomics, DC Macroeconomics, or DC Microeconomics can be taken in lieu of the required Economics course. For approved Career and Technical course substitutions see Appendix A-12.

<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, choral performance courses for show choir (i.e., Choral, Music-Choral-Ensembles), instrumental performance courses (i.e., Band, Music Instrumental Ensembles, Strings), dance performance courses 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. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses 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 Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

<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. For approved Career and Technical course substitutions see Appendix A-12.

<sup>9</sup>The following courses meet the Carnegie unit requirement for Technology and Computer Science: Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, AP Computer Science Principles, AP Computer Science A. For approved Career and Technical course substitutions see Appendix A-12.

<sup>10</sup>The Arts refers to Dance, Media Arts, Music, Theatre, and Visual Arts. For a listing of approved secondary course codes please refer to the arts section or the Mississippi Online Course Approval (MOCA) section of the current *Approved Courses for the Secondary Schools of Mississippi Arts*. The following dual credit classes: Music Appreciation, Theatre Appreciation, or Art Appreciation may be accepted in lieu of the Arts requirement for students. For approved Career and Technical course substitutions see Appendix A-12.

<sup>11</sup> The purpose of the College and Career Readiness Course is to provide planning and instruction for postsecondary transition. The following courses are approved substitutions for the CCR course:

1. Career and Technical Work Based Learning course
2. Dual Credit SmartStart
3. JROTC III and IV
4. Advanced Placement Capstone: Completion of both AP Seminar and AP Research or equivalent International Baccalaureate and Cambridge International Courses.
5. Freshman, Sophomore, Junior and Senior MS College and Career Readiness Seminar course for Early College High Schools.

\*Additional requests for substitution must be submitted to the Office of Secondary Education for review and approval.

The CCR course may be taught in one (1) of the following sequences:

- a. Senior year only
- b. Junior year only
- c. One (1) semester in either freshman, sophomore or junior year with the remaining semester taught in either junior or senior year
- d. ¼ Carnegie unit per year beginning with the freshman year

<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 (1) of the following:
  - One (1) dual credit
  - Work based Learning
  - Earn a State Board of Education approved national credential

- One (1) AP, Diploma Program-IB, or Cambridge (AICE) course aligned to their career pathway. Students must earn a C or higher and take the appropriate exam.

<sup>13</sup>Additional recommendations (not requirements) above 26 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

<sup>14</sup>Courses designed using the Mississippi Alternate Academic Achievement Standards (MS AAAS) shall not be used as substitute courses or electives for students obtaining a traditional academic diploma with or without endorsements.

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

Each student graduating from a secondary school in an accredited school district will have earned the required Carnegie units as specified in the following table. Contents of each required and elective course must include the core objectives identified in the *Mississippi College- and Career-Readiness Standards*. Course titles and identification numbers must appear in the current edition of the *Approved Courses for Secondary Schools of Mississippi*. (See Miss. Admin. Code 7-3: 28.2 and 28.3, State Board Policy, Chapter 28, Rules 28.2 and 28.3.) Enrollment in online courses listed in this document must have prior approval granted by the principal.

Any student who completes the minimum graduation requirements as specified below and has met requirements for each of the required high school assessments is eligible to receive a high school diploma. 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*.

Beginning school year 2018-2019 and thereafter, all entering ninth graders will be required to have a minimum of 26 Carnegie units as specified below to earn a Traditional Diploma with an Academic Endorsement. The local school district may establish additional local requirements approved by the local school board as authorized under Miss. Code Ann. § 37-16-7.

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 <sup>1</sup>	English I English II Two (2) additional English Courses above English II
MATHEMATICS	4 <sup>2</sup>	Algebra I Two (2) additional Math Courses above Algebra I
SCIENCE	3 <sup>3</sup>	Biology Two (2) additional science courses above Biology
SOCIAL STUDIES	3½	1 World History <sup>4</sup> 1 U.S. History <sup>4</sup> ½ U.S. Government <sup>4</sup> ½ Economics <sup>5</sup> ½ Mississippi Studies <sup>6</sup>
PHYSICAL EDUCATION	½ <sup>7</sup>	½ Physical Education
HEALTH	½ <sup>8</sup>	½ Contemporary Health
TECHNOLOGY or COMPUTER SCIENCE	1 <sup>9</sup>	
THE ARTS	1 <sup>10</sup>	
COLLEGE- and CAREER-READINESS	1 <sup>11</sup>	
ELECTIVES	7½	Must Include two (2) advanced electives of the College Preparatory Curriculum requirements (See Appendix C.)
TOTAL UNITS REQUIRED	26 <sup>12, 13, 14</sup>	

<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. Cambridge IGCSE Mathematics I may be accepted in lieu of Algebra I and Cambridge IGCSE Extended Sequence may be accepted in lieu of Integrated Math I. One (1) of the four (4) required Carnegie units for mathematics may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for a science or computer science unit. For approved Career and Technical course substitutions see Appendix A-12.

<sup>3</sup>One (1) of the four (4) required Carnegie units for science may be in AP Computer Science Principles. If used for a science unit, AP Computer Science Principles cannot then also be used for a mathematics or computer science unit. For approved Career and Technical course substitutions see Appendix A-12. Coordinated Science I or Cambridge IGCSE Biology may be accepted in lieu of Biology.

<sup>4</sup>Based on the *2018 Mississippi College- and Career- Readiness Standards for Social Studies*, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB-DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II may be 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 may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

<sup>5</sup>A.P. Macroeconomics, A.P. Microeconomics, DC Macroeconomics, or DC Microeconomics can be taken in lieu of the required Economics course. For approved Career and Technical course substitutions see Appendix A-12.

<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, choral performance courses for show choir (i.e., Choral, Music-Choral-Ensembles), instrumental

performance courses (i.e., Band, Music Instrumental Ensembles, Strings), dance performance courses 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. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses 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 Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

<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. For approved Career and Technical course substitutions see Appendix A-12.

<sup>9</sup>The following courses meet the Carnegie unit requirement for Technology and Computer Science: Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, AP Computer Science Principles, AP Computer Science A. For approved Career and Technical course substitutions see Appendix A-12.

<sup>10</sup>The Arts refers to Dance, Media Arts, Music, Theatre, and Visual Arts. For a listing of approved secondary course codes please refer to the arts section or the Mississippi Online Course Approval (MOCA) section of the current *Approved Courses for the Secondary Schools of Mississippi*. The following dual credit classes: Music Appreciation, Theatre Appreciation, or Art Appreciation may be accepted in lieu of the art requirement for students. For approved Career and Technical course substitutions see Appendix A-12.

<sup>11</sup>The purpose of the College and Career Readiness Course is to provide planning and instruction for postsecondary transition. The following courses are approved substitutions for the CCR course:

1. Career and Technical Work Based Learning course
2. Dual Credit SmartStart
3. JROTC III and IV
4. Advanced Placement Capstone: Completion of both AP Seminar and AP Research or equivalent International Baccalaureate and Cambridge International Courses.
5. Freshman, Sophomore, Junior and Senior MS College and Career Readiness Seminar course for Early College High Schools.

\*Additional requests for substitution must be submitted to the Office of Secondary Education for review and approval.

The CCR course may be taught in one (1) of the following sequences:

- a. Senior year only
- b. Junior year only
- c. One (1) semester in either freshman, sophomore or junior year with the remaining semester taught in either junior or senior year
- d. ¼ Carnegie unit per year beginning with the freshman year

<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
- Two (2) elective courses must meet MS IHL college preparatory curriculum (CPC) requirements
- Must successfully complete one (1) of the following:
  - ACT sub scores of 17 in English and 19 in Math
  - Essentials of College Math or Essentials of College Literacy (in senior year)
  - SAT equivalency subscore
- Must successfully complete one (1) of the following:
  - One (1) AP course with a C or higher and take the appropriate AP exam
  - One (1) Diploma Program-IB or Cambridge (AICE) course with a C or higher and take the



appropriate exam

- One (1) dual credit course and earn a C or higher in the course

<sup>13</sup>Additional recommendations (not requirements) above 26 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

<sup>14</sup>Courses designed using the Mississippi Alternate Academic Achievement Standards (MS AAAS) shall not be used as substitute courses or electives for students obtaining a traditional academic diploma with or without endorsements.

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

Each student graduating from a secondary school in an accredited school district will have earned the required Carnegie units as specified in the following table. Contents of each required and elective course must include the core objectives identified in the *Mississippi College- and Career-Readiness Standards*. Course titles and identification numbers must appear in the current edition of the *Approved Courses for Secondary Schools of Mississippi*. (See Miss. Admin. Code 7-3: 28.2 and 28.3, State Board Policy, Chapter 28, Rules 28.2 and 28.3.) Enrollment in online courses listed in this document must have prior approval granted by the principal.

Any student who completes the minimum graduation requirements as specified below and has met the requirements for each of the required high school assessments is eligible to receive a high school diploma. 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*.

Beginning school year 2018-2019 and thereafter, all entering ninth graders will be required to have a minimum of 28 Carnegie units as specified below to earn a Traditional Diploma with a Distinguished Academic Endorsement. The local school district may establish additional local requirements approved by the local school board as authorized under Miss. Code Ann. § 37-16-7.

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 <sup>1</sup>	English I English II Two (2) additional English Courses above English II
MATHEMATICS	4 <sup>2</sup>	Algebra I Two (2) additional Math Courses above Algebra I
SCIENCE	4 <sup>3</sup>	Biology Two (2) additional science courses above Biology
SOCIAL STUDIES	4	1 World History <sup>4</sup> 1 U.S. History <sup>4</sup> ½ U.S. Government <sup>4</sup> ½ Economics <sup>5</sup> ½ Mississippi Studies <sup>6</sup>
PHYSICAL EDUCATION	½ <sup>7</sup>	½ Physical Education
HEALTH	½ <sup>8</sup>	½ Contemporary Health
TECHNOLOGY or COMPUTER SCIENCE	1 <sup>9</sup>	
THE ARTS	1 <sup>10</sup>	
COLLEGE- and CAREER-READINESS	1 <sup>11</sup>	
ELECTIVES	8	Must Include two (2) advanced electives of the College Preparatory Curriculum requirements (See Appendix C.)
TOTAL UNITS REQUIRED	28 <sup>12,13,14</sup>	

<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. Cambridge IGCSE Mathematics I may be accepted in lieu of Algebra I and Cambridge IGCSE Extended Sequence may be accepted in lieu of Integrated Math I. One (1) of the four (4) required Carnegie units for science may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for a science or computer science unit. For approved Career and Technical course substitutions see Appendix A-12.

<sup>3</sup>One (1) of the four (4) required Carnegie units for science may be in AP Computer Science Principles. If used for science unit, AP Computer Science Principles cannot then also be used for a mathematics or computer science unit. For approved Career and Technical course substitutions see Appendix A-12. Coordinated Science I or Cambridge IGCSE Biology may be accepted in lieu of Biology.

<sup>4</sup>Based on the *2018 Mississippi College- and Career- Readiness Standards for Social Studies*, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB-DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II may be 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 may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

<sup>5</sup>A.P. Macroeconomics, A.P. Microeconomics, DC Macroeconomics, or DC Microeconomics can be taken in lieu of the required Economics course. For approved Career and Technical course substitutions see Appendix A-12.

<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, choral performance courses for show choir (i.e., Choral, Music-Choral-Ensembles), instrumental

performance courses (i.e., Band, Music Instrumental Ensembles, Strings), dance performance courses 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. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses 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 Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

<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. For approved Career and Technical course substitutions see Appendix A-12.

<sup>9</sup>The following courses meet the Carnegie units requirement for Technology and Computer Science: Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, AP Computer Science Principles, AP Computer Science A. For approved Career and Technical course substitutions see Appendix A-12.

<sup>10</sup>The Arts refers to Dance, Media Arts, Music, Theatre, and Visual Arts. For a listing of approved secondary course codes please refer to the arts section or the Mississippi Online Course Approval (MOCA) section of the current *Approved Courses for the Secondary Schools of Mississippi*. The following dual credit classes: Music Appreciation, Theatre Appreciation, or Art Appreciation may be accepted in lieu of the art requirement for students. For approved Career and Technical course substitutions see Appendix A-12.

<sup>11</sup> The purpose of the College and Career Readiness Course is to provide planning and instruction for postsecondary transition. The following courses are approved substitutions for the CCR course:

1. Career and Technical Work Based Learning course
2. Dual Credit SmartStart
3. JROTC III and IV
4. Advanced Placement Capstone: Completion of both AP Seminar and AP Research or equivalent International Baccalaureate and Cambridge International Courses.
5. Freshman, Sophomore, Junior and Senior MS College and Career Readiness Seminar course for Early College High Schools.

\*Additional requests for substitution must be submitted to the Office of Secondary Education for review and approval.

The CCR course may be taught in one (1) of the following sequences:

- a. Senior year only
- b. Junior year only
- c. One (1) semester in either freshman, sophomore or junior year with the remaining semester taught in either junior or senior year
- d. ¼ Carnegie unit per year beginning with the freshman year

<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
- Two (2) elective courses must meet MS IHL CPC recommended requirements
- Must successfully complete one (1) of the following:
  - ACT sub scores of 18 in English and 22 in Math
  - SAT equivalency subscore
- Must successfully complete one (1) of the following:
  - One (1) AP course with a B or higher and take the appropriate AP exam

- One (1) Diploma Program-IB or Cambridge (AICE) course with a B or higher and take the appropriate exam
- One (1) 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

<sup>14</sup>Courses designed using the Mississippi Alternate Academic Achievement Standards (MS AAAS) shall not be used as substitute courses or electives for students obtaining a traditional academic diploma with or without endorsements.

**APPENDIX A-10**

**APPENDIX A-10  
GRADUATION REQUIREMENTS STANDARD 14  
ALTERNATE DIPLOMA OPTION**

**NOTE: This option shall be offered by districts for incoming ninth graders with significant cognitive disabilities in 2018-2019 and thereafter.**

Only students identified by their Individualized Education Program Committee as having a significant cognitive disability, as defined by the Testing Students with Disabilities Regulations and State Board Policy Chapter 78, Rule 78.1, may be eligible to earn the Alternate Diploma. Each student graduating from a secondary school in an accredited school district with the Alternate Diploma will have earned the required units as specified in the following table. Contents of each required and elective course must include the core objectives identified in the State Board approved Alternate Academic Achievement Standards. Course titles and identification numbers must appear in the current edition of the Approved Courses for Secondary Schools of Mississippi. (See 7 Miss. Admin. Code Pt. 3, Ch. 28, R. 28.2, R. 28.3.) Students with significant cognitive disabilities enrolled in grades 7 – 12 may be awarded a credit provided the course content is a credit bearing course in the current edition of the Approved Courses for the Secondary Schools of Mississippi.

Any student with a significant cognitive disability who completes the minimum graduation requirements as specified below and has achieved a level of Passing or Proficient on the end-of-course alternate assessments, is eligible to receive an Alternate Diploma. Students must participate in the alternate assessments during the year the student is enrolled in the corresponding courses (Alternate Biology, Alternate English II, Alternate Algebra). The local school district may establish additional local requirements approved by the local school board as authorized under Miss. Code Ann. § 37-16-7.

The Alternate Diploma meets the requirements for graduation rate in the same manner as a Traditional Diploma. Students with this diploma must contact the postsecondary institution to determine eligibility for Ability to Benefit (ATB).

<b>CURRICULUM AREA</b>	<b>CARNEGIE UNITS</b>	<b>REQUIRED SUBJECTS</b>	<b>GENERAL EDUCATION COURSE SUBSTITUTION</b>
<b>ENGLISH</b>	<b>4<sup>1</sup></b>	<b>Alternate English I</b>	<ul style="list-style-type: none"> <li>• CCR English I</li> </ul>
		<b>Alternate English II</b>	<ul style="list-style-type: none"> <li>• CCR English II</li> </ul>
		<b>Alternate English III Alternate English IV</b>	<ul style="list-style-type: none"> <li>• CCR English III</li> <li>• CCR English IV</li> <li>• Broadcast Journalism</li> <li>• Debate</li> <li>• Foundations of Journalism</li> <li>• Mississippi Writers</li> <li>• Oral Communications</li> <li>• Print Journalism</li> <li>• Survey of African American Writing</li> <li>• Technical and Workplace Writing</li> <li>• World Literature</li> </ul>

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS	GENERAL EDUCATION COURSE SUBSTITUTION
MATHEMATICS	4 <sup>2</sup>	Alternate Math I	<ul style="list-style-type: none"> <li>• CCR Compacted Math 7</li> <li>• CCR Compacted Math Grade 8 with Algebra I (prior to entering HS)</li> <li>• Foundations of Algebra (grade 9 only)</li> </ul>
		Alternate Math II	<ul style="list-style-type: none"> <li>• CCR Compacted Math Grade 8 with Algebra I (prior to entering HS)</li> <li>• Foundations of Algebra (Grade 9 only)</li> <li>• Advanced Technical Mathematics</li> </ul>
		Alternate Math III	<ul style="list-style-type: none"> <li>• Advanced Technical Mathematics (must be taken prior to CCR Algebra I)</li> <li>• CCR Geometry</li> <li>• CCR Algebra II (contingent on passing CCR Algebra I)</li> </ul>
		Alternate Algebra	<ul style="list-style-type: none"> <li>• CCR Algebra I</li> </ul>
SCIENCE	2	Alternate Biology	<ul style="list-style-type: none"> <li>• Biology</li> </ul>
		Alternate Science II	<p>Courses worth 1 Carnegie Unit</p> <ul style="list-style-type: none"> <li>• Physical Science</li> <li>• Earth and Space Science</li> <li>• Human Anatomy and Physiology</li> <li>• Foundations of Biology</li> </ul> <p>OR</p> <p>Courses worth ½ Carnegie Unit</p> <ul style="list-style-type: none"> <li>• Environmental Science</li> <li>• Genetics</li> <li>• Geology</li> <li>• Zoology I</li> <li>• Zoology II</li> <li>• Astronomy</li> <li>• Botany</li> <li>• Foundations of Science Literacy</li> </ul>
SOCIAL STUDIES	2	Alternate History	<ul style="list-style-type: none"> <li>• US History</li> </ul>
		Alternate Social Studies	<p>Courses worth 1 Carnegie Unit</p> <ul style="list-style-type: none"> <li>• World History</li> <li>• Community Service-Learning</li> </ul> <p>OR</p> <p>Courses worth ½ Carnegie Unit</p> <ul style="list-style-type: none"> <li>• Economics</li> <li>• US Government</li> <li>• Mississippi Studies</li> <li>• Psychology</li> <li>• Sociology</li> <li>• World Geography</li> <li>• Local Resource Studies</li> </ul>

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS	GENERAL EDUCATION COURSE SUBSTITUTION
HEALTH	$\frac{1}{2}$ <sup>3</sup>	Alternate Health	<ul style="list-style-type: none"> <li>Contemporary Health</li> <li>Healthcare &amp; Clinical Services I</li> <li>Theory and Application of Health Sciences</li> <li>JROTC I and II</li> </ul>
PHYSICAL EDUCATION	$\frac{1}{2}$ <sup>4</sup>	Physical Education	<ul style="list-style-type: none"> <li>Physical Education</li> </ul>
CAREER READINESS	4 <sup>5</sup>	Career Readiness I-IV	<ul style="list-style-type: none"> <li>Career Readiness was designed specifically for the Alternate Diploma</li> </ul>
LIFE SKILLS DEVELOPMENT	4 <sup>5</sup>	Life Skills Development I-IV	<ul style="list-style-type: none"> <li>Life Skills Development was designed specifically for the Alternate Diploma</li> </ul>
THE ARTS	1 <sup>6</sup>	The Arts	
ELECTIVES	2		<ul style="list-style-type: none"> <li>Any Carnegie unit credit bearing courses or a combination of <math>\frac{1}{2}</math> Carnegie unit credit bearing courses</li> </ul>
<b>TOTAL UNITS REQUIRED</b>	<b>24</b>		

<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.

<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.

<sup>3</sup>Successful completion in JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet graduation requirement for one-half (1/2) Carnegie unit in Health. For approved Career and Technical course substitutions see Appendix A-12.

<sup>4</sup>The graduation requirement for one-half ( $\frac{1}{2}$ ) unit in physical education may include participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses 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. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses 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 Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.



<sup>5</sup>Evidence of proficiency in technology is embedded in the course strands for both Career Readiness and Life Skills Development so that students with significant cognitive disabilities may be taught these skills within the natural environment assuring greater application and generalization of the skills.

<sup>6</sup>The Arts refers to Dance, Media Arts, Music, Theatre, and Visual Arts. For a listing of approved secondary course codes please refer to the arts section or the Mississippi Online Course Approval (MOCA) section of the current *Approved Courses for the Secondary Schools of Mississippi*. The following dual credit classes: Music Appreciation, Theatre Appreciation, or Art Appreciation may be accepted in lieu of the art requirement for students. For approved Career and Technical course substitutions see Appendix A-12.



**APPENDIX A-12  
Career and Technical Acceptable Course Substitutions for Appendices A-6, A-7, A-8, A-9**

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met	Equivalent IHL College Preparatory Curriculum (CPC) Credit
<b>Science Credits</b>		
Agriculture & Natural Resources I (991100) Agriculture & Natural Resources II (991101) <b>OR</b> Fundamentals of Ag. & Nat. Resources (991102) Ag. & Nat. Res.: Soils and Ag. Lab Operations (991103) Ag. & Nat. Res.: Environmental Science (991104) Ag. & Nat. Res.: Equipment Operation and Business Management (991105)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit <b>OR</b> 1 Advanced Elective Credit
Aquaculture I (991600) Aquaculture II (991601) <b>OR</b> Introduction to Aquaculture (991602) Basic Aquaculture (991603) Advanced Aquaculture (992604) Application of Aquaculture (991605)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit <b>OR</b> 1 Advanced Elective Credit
Forestry I (991500) Forestry II (991501) <b>OR</b> Forestry Introduction (991502) Forestry Surveying and Measurements (991503) Forestry Cruising (991504) Forestry Marketing (991505)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit <b>OR</b> 1 Advanced Elective Credit
Horticulture I (991400) Horticulture II (991401) <b>OR</b> Introduction to Horticulture (991402) Horticulture Plant Processes (991403) Horticulture Nursery (991404) Horticulture Landscape and Turfgrass (991405)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit <b>OR</b> 1 Advanced Elective Credit
AEST Science of Agricultural Plants I (991013) (No longer offered) AEST Science of Agricultural Plants II (991023) <b>OR</b> AEST Science of Agricultural Animals I (991010) (No longer offered)	1 unit of science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE	No CPC Credit

AEST Science of Agricultural Animals II (991020) <b>OR</b> AEST Science of Agricultural Environment I (991011) (No longer offered) AEST Science of Agricultural Environment II (991021)	course.	
Principles of Agriscience (993460) <b>AND ANY TWO OF THE FOLLOWING:</b> Diversified Agriculture Animals Core (993423) Diversified Agriculture Environment Core (993424) Diversified Agriculture Food Science (993425) Diversified Agriculture Plants Core (993427) Diversified Agriculture Poultry Science (993428) Diversified Agriculture Veterinary Science (993429) <b>PLUS</b> Diversified Agriculture Capstone (TBD)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit <b>OR</b> 1 Advanced Elective Credit
Principles of Agriscience (993460)	1 unit of science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.	No CPC Credit
Concepts of Agriscience (991000) (No longer offered)	1 unit of science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.	No CPC Credit
Introduction to Agriscience (029990) (No longer offered)	1 unit of science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.	No CPC Credit
Engineering and Mechatronics I (994000) Engineering II (994001) <b>OR</b> Engineering and Mechatronics Fundamentals (994002) Engineering and Mechatronics Industry Skills (994003) Engineering Manufacturing Concepts (994004) Engineering Systems (994005)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit <b>OR</b> 1 Advanced Elective Credit
Polymer Science I (994500) Polymer Science II (994501) <b>OR</b>	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion	1 Science Credit <b>OR</b> 1 Advanced Elective Credit

Introduction to Polymer Science I (994502) Introduction to Polymer Science II (994503) Advanced Topics in Polymer Science (994504) Careers in Polymer Science (994505)	of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	
Health Science Core (995100) Healthcare and Clinical Services (995101) OR Health Science Core I (995102) Health Science Core II (995103) Healthcare and Clinical Services I (995104) Healthcare and Clinical Services II (995105)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit OR 1 Advanced Elective Credit
Health Science Core (995100) Sports Medicine (995200) OR Health Science Core I (995102) Health Science Core II (995103) Sports Medicine: Theory & Application I (995202) Sports Medicine: Theory & Application II (995203)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit OR 1 Advanced Elective Credit
<b>NOTE: Maximum of 2 units may be awarded as graduation requirements met for science.</b>		
<b>Math Credits</b>		
Architectural Design & Drafting I (994300) Architectural Design & Drafting II (994301) <b>OR</b> Concepts of Drafting (994302) Drafting and Design (994303) Architectural Drafting (994304) Architectural Drafting Application (994305)	unit of Math (other than Algebra I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Math Credit <b>OR</b> 1 Advanced Elective Credit
<b>Technology Credits</b>		
Technology Foundations (992307 & 110630) (No longer offered)	1 unit of Technology	1 Technology Credit
ICT II (CTE: 000272) (Academic: 110620) (No longer offered after SY 2020-2021)	1 unit of Technology	1 Technology Credit
STEM Applications (000273)	1 unit of Technology	1 Technology Credit
Cyber Foundations I (000284)	1 unit of Technology	1 Technology Credit
Cyber Foundations II (000286)	1 unit of Technology	1 Technology Credit
Exploring Computer Science (000283)	1 unit of Technology	1 Technology Credit
Computer Science and Engineering (000287)	1 unit of Technology	1 Technology Credit
<b>Other Credits</b>		
Health Science Core (995100) <b>OR</b> Health Science Core I (995102) Health Science Core II (995103)	Requirement Met for ½ credit of Contemporary Health. No additional Carnegie units are awarded.	No CPC Credit
Digital Media Technology I & II (994100 and 994101) <b>OR</b> Orientation to Digital Media (994108) Fundamentals of Digital Media (994109) Theory and Applications of Digital Media I (994110) Theory and Applications of Digital Media II (994111)	May be accepted in lieu of the art requirement.	1 Art Credit <b>OR</b> 1 Advanced Elective Credit
Business Fundamentals (992300)	May be accepted in lieu of the ½	½ Social Studies Credit

(No longer offered) <b>OR</b> Business Fundamentals I (992301) (No longer offered) Business Fundamentals II (992302) (No longer offered)	Economics requirement for graduation.	
Business, Marketing, and Finance I (992004) Business, Marketing, and Finance II (992005) <b>OR</b> Fundamentals of Business & Entrepreneurship (992404) Marketing (992403) Management (992309) Finance (992003)	Completion of the 4 Carnegie units may satisfy the ½ unit Personal Finance requirement. <b>AND</b> Completion of the 4 Carnegie units may satisfy the ½ Economics requirement for graduation.	1 Social Studies Credit <b>OR</b> 1 Advanced Elective Credit

## **APPENDIX C-2**

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**Effective school year 2022-2023 APPENDIX C-2 is no longer applicable.**

**This information is available from Institutions of Higher Learning**