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

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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.

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<tr>
<th>CURRICULUM AREA</th>
<th>CARNEGIE UNITS</th>
<th>REQUIRED SUBJECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>4¹</td>
<td>English I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>English II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Two (2) additional English Courses above English II</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>4²</td>
<td>Algebra I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Two (2) additional Math Courses above Algebra I</td>
</tr>
<tr>
<td>SCIENCE</td>
<td>4³</td>
<td>Biology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Two (2) additional science courses above Biology</td>
</tr>
<tr>
<td>SOCIAL STUDIES</td>
<td>4</td>
<td>1 World History⁴</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 U.S. History⁴</td>
</tr>
<tr>
<td></td>
<td></td>
<td>½ U.S. Government⁴</td>
</tr>
<tr>
<td></td>
<td></td>
<td>½ Economics⁵</td>
</tr>
<tr>
<td></td>
<td></td>
<td>½ Mississippi Studies⁶</td>
</tr>
<tr>
<td>PHYSICAL EDUCATION</td>
<td>½⁷</td>
<td>½ Physical Education</td>
</tr>
<tr>
<td>HEALTH</td>
<td>½⁸</td>
<td>½ Contemporary Health</td>
</tr>
</tbody>
</table>
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.

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 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th 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.

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.

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 Mississipi 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.
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.

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.

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.

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.

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

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.

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

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:
     o ACT sub scores of 18 in English and 22 in Math
     o SAT equivalency subscore
   • Must successfully complete one (1) of the following:
     o One (1) AP course with a B or higher and take the appropriate AP exam
     o One (1) Diploma Program-IB or Cambridge (AICE) course with a B or higher and take the appropriate exam
     o One (1) dual credit course earning a B or higher in the course

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

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.
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<th>REQUIRED SUBJECTS</th>
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<tbody>
<tr>
<td>ENGLISH</td>
<td>4(^1)</td>
<td>English I, English II, Two (2) additional English Courses above English II</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>4(^2)</td>
<td>Algebra I, Two (2) additional Math Courses above Algebra I</td>
</tr>
<tr>
<td>SCIENCE</td>
<td>4(^3)</td>
<td>Biology, Two (2) additional science courses above Biology</td>
</tr>
<tr>
<td>SOCIALSTUDIES</td>
<td>4(^4)</td>
<td>1 World History(^4), 1 U.S. History(^4), (\frac{1}{2}) U.S. Government(^4), (\frac{1}{2})Economics(^5), (\frac{1}{2}) Mississippi Studies(^6)</td>
</tr>
<tr>
<td>PHYSICAL EDUCATION</td>
<td>(\frac{1}{2})(^7)</td>
<td>(\frac{1}{2}) Physical Education</td>
</tr>
<tr>
<td>HEALTH</td>
<td>(\frac{1}{2})(^8)</td>
<td>(\frac{1}{2}) Contemporary Health</td>
</tr>
<tr>
<td>TECHNOLOGY or COMPUTER SCIENCE</td>
<td>1(^9)</td>
<td></td>
</tr>
<tr>
<td>THE ARTS</td>
<td>1(^{10})</td>
<td></td>
</tr>
<tr>
<td>COLLEGE- and CAREER-READINESS</td>
<td>1(^{11})</td>
<td></td>
</tr>
<tr>
<td>ELECTIVES</td>
<td>8(^{12})</td>
<td>Must Include two (2) advanced electives of the College Preparatory Curriculum requirements (See Appendix C.)</td>
</tr>
</tbody>
</table>

\(^{1}\) Includes English III
\(^{2}\) Includes Math II
\(^{3}\) Includes Science II
\(^{4}\) Counts toward both English and Social Studies
\(^{5}\) Counts toward both Math and Social Studies
\(^{6}\) Counts toward both Science and Social Studies
\(^{7}\) Must be offered in the ninth grade
\(^{8}\) Must be offered in the tenth grade
\(^{9}\) Must be offered in the eleventh grade
\(^{10}\) Must be offered in the twelfth grade
\(^{11}\) Must be offered in the third year
\(^{12}\) Must be offered in the senior year
| TOTAL UNITS REQUIRED | 28 12.13.14 |
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