

OFFICE OF CHIEF ACCOUNTABILITY OFFICER
Summary of the State Board of Education Agenda Item
Consent Agenda
July 16, 2020

OFFICE OF ACCREDITATION
OFFICE OF SECONDARY EDUCATION
OFFICE OF SPECIAL EDUCATION

- B. Approval to revise Miss. Admin. Code 7-3: 28.3, State Board Policy Chapter 28, Rule 28.3: Access to a Substantive and Rigorous Curriculum Policy, Miss. Admin Code: 7-24, *Mississippi Public School Accountability Standards, 2019*, Process Standard 26 and Appendices A and B, Miss. Admin. Code: 7-163: *Mississippi Nonpublic School Accountability Standards, 2019*, Process Standard 22 and Appendices A and B
(Has cleared the Administrative Procedures Act process with public comments)

Background Information: Mississippi Admin. Code 7-3: 28.3, State Board Policy Chapter 28, Rule 28.3: Access to a Substantive and Rigorous Curriculum Policy requires high Schools to provide students with access to accelerated courses in each of the four (4) core areas (mathematics, science, language arts, and social studies). The proposed revisions to the policy, process standard, and appendices provide clarity to districts for the courses that meet the requirements to ensure compliance.

The Commission on School Accreditation (CSA) unanimously approved the proposed revisions to Miss. Admin. Code 7-3: 28.3, State Board Policy, Chapter 28, Rule 28.3: Access to a Substantive and Rigorous Curriculum Policy, Process Standard 26 and Appendices A and B of the *Mississippi Public School Accountability Standards, 2019* during a regularly scheduled meeting on Thursday, February 6, 2020.

The SBE met and voted unanimously on February 20, 2020 to begin the Administrative Procedures Act (APA) process. The APA process began on February 20, 2020 and closed on March 17, 2020. Six (6) comments were received. Based on the comments received and additional reviews of the proposed revisions, the MDE recommended additional revisions that necessitate another review through the APA process.

Note: The proposed revisions to Process Standard 22 and Appendices A and B of the *Mississippi Nonpublic School Accountability Standards, 2019* align to the proposed revisions to the *Mississippi Public School Accountability Standards, 2019*.

The public comment period was open through 5:00 p.m. on June 22, 2020 and public comments were received.

Recommendation: Approval

Back-up material attached

*Appendices A and B of the *Mississippi Public School Accountability Standards, 2019* and *Mississippi Nonpublic School Accountability Standards, 2019* are the same and only appear once in the back-up material provided.

Summary of Administrative Procedures Act (APA) Comments

Approval to revise Miss. Admin. Code 7-3: 28.3, State Board Policy Chapter 28, Rule 28.3: Access to a Substantive and Rigorous Curriculum Policy, Miss. Admin Code: 7-24, *Mississippi Public School Accountability Standards, 2019*, Process Standard 26 and Appendices A and B, Miss. Admin. Code: 7-163: *Mississippi Nonpublic School Accountability Standards, 2019*, Process Standard 22 and Appendices A and B

The Office of Accountability received the following APA comment(s) regarding revisions to Miss. Admin. Code 7-3: 28.3, State Board Policy, Chapter 28, Rule 28.3: Access to a Substantive and Rigorous Curriculum Policy, Process Standard 26 and Appendices A and B of the *Mississippi Public School Accountability Standards*

Summary of Comment	MDE Response
We are requesting a substitution of our required seminar course for the College and Career Readiness course. The seminar framework provided by the Mississippi State University Research and Curriculum Unit is designed to cover the same content as the required CCR course. The seminar course is taught each year of enrollment in our early college high school program. The students are therefore, meeting the goals of the CCR course stated as “the purpose of the College and Career Readiness Course is to provide planning and instruction for postsecondary transition.”	Added language allowing for the following substitution for the College and Career Readiness Course: Freshman, Sophomore, Junior and Senior MS College and Career Readiness Seminar course for Early College High Schools



419 E. Robertshaw Street, Greenville, MS 38701

(662)820-0938

pamela.ward@gvillepublicschoolsdistrict.com

To: Dr. Jo Ann Malone, Mississippi Department of Education

From: Pamela D. Ward, ECHS Administrator, Greenville Public Schools Early College High School

Date: June 10, 2020

RE: Graduation Requirement – College and Career Readiness Course

The purpose of this communication is to provide a comment as a part of the APA process to request a substitution for the College and Career Readiness course for our early college high school program. According to the GRADUATION REQUIREMENTS STANDARD 14 TRADITIONAL DIPLOMA (Entering ninth graders in 2018-2019 and thereafter), completion of the College and Career Readiness course is required for graduation.

Comment: We are requesting a substitution of our required seminar course for the College and Career Readiness course. The seminar framework, provided by the Mississippi State University Research and Curriculum Unit is designed to cover the same content as the required CCR course. The seminar course is taught each year of enrollment in our early college high school program. The students are therefore, meeting the goals of the CCR course stated as “the purpose of the College and Career Readiness Course is to provide planning and instruction for postsecondary transition.”

PROPOSED

**State Board Policy Chapter 28, Rule 28.3: Access to a
Substantive and Rigorous Curriculum Policy**

**Process Standard 26 of the
*Mississippi Public School Accountability Standards, 2019***

**Process Standard 22 of the
*Mississippi NonPublic School Accountability Standards, 2019***

**Appendices A and B of the
*Mississippi Public School Accountability Standards, 2019 and
Mississippi NonPublic School Accountability Standards, 2019***

Chapter 28: Curriculum

Rule 28.3 Access to a Substantive and Rigorous Curriculum Policy

In compliance with Section 37-15-39 of the Mississippi Code of 1972, the purpose of this policy is to ensure that each student has a sufficient education for success after high school and that all students have equal access to a substantive and rigorous curriculum that is designed to challenge their minds and enhance their knowledge. The intent of this policy is to increase the preparation of all students for and their participation in substantive and rigorous curriculum experiences and specifically in Advanced Placement Courses and innovative programs authorized by the State Board of Education.

All high schools shall schedule and enroll eligible students in at least one (1) course, either Advanced Placement (AP), Cambridge International (AICE) or International Baccalaureate (IB) as specified in Appendix B of the current version of the *Mississippi Public School Accountability Standards*. Distance Learning or Mississippi Online Course Application (MOCA) courses may be used to ensure students' enrollment at each school.

Advanced Placement teachers shall submit their course syllabi to the College Board® for approval (see www.CollegeBoard.org). Teachers in districts implementing programs authorized by the State Board of Education (i.e., IB, AICE) must have completed a district- or program- specific professional development.

Source: Miss. Code Ann. § 37-1-3 (Revision 12/2012)

Process Standard 26 of the *Mississippi Public School Accountability Standards, 2019*

26. The curriculum of each high school, at a minimum, consists of required and approved courses that generate at least 33½ Carnegie units annually. Any request for an exemption from teaching the courses listed in Appendix B must be submitted in writing to the Commission on School Accreditation for review and action. (See Appendix B) {Miss. Code Ann. § 37-1-3(2)} {Miss. Admin. Code 7-3: 28.2 and 28.3, State Board Policy, Chapter 28, Rules 28.2 and 28.3}

Process Standard 22 of the *Mississippi Nonpublic School Accountability Standards, 2019*

22. The curriculum of each diploma-granting secondary school (grades 9-12) consists of approved courses from *Approved Courses for the Secondary Schools of Mississippi* necessary to meet graduation requirements as specified in Appendix A. (See Appendix B.) (Miss. Code Ann. § 37-1-3(2), and Miss. Admin. Code 7-3: 28.2 and 28.3, State Board Policy Chapter 28, Rules 28.2 and 28.3)

**APPENDIX A-1
GRADUATION REQUIREMENTS
STANDARD 14
DISTRICT OPTION**

Note: Ending with incoming ninth graders of 2017-2018.

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 the 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 manual 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.

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 ¹	English I English II
MATHEMATICS	4 ²	Algebra I
SCIENCE	3 ³	Biology I
SOCIAL STUDIES	3 ^{4&6}	1 World History ⁴ 1 U.S. History ⁴ ½ U.S. Government ⁴ ½ Mississippi Studies ⁶
HEALTH	½ ^{7&8}	Contemporary Health ⁹
TECHNOLOGY or COMPUTER SCIENCE	1 ¹⁰	
THE ARTS	1 ¹¹	
ELECTIVES	4½ ¹²	
TOTAL UNITS REQUIRED	21	

APPENDIX A-1 (continued)
GRADUATION REQUIREMENTS
STANDARD 14
DISTRICT OPTION

Note: Ending with incoming ninth graders of 2017-2018.

¹Carnegie 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. The Ready for High School Literacy course shall only be available for 8th grade or 9th grade students (Students with a documented IEP are the exception).

²Carnegie 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 one (1) 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 (Students with a documented IEP are the exception). 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. 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 or Architectural Drafting Application.

³For 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, 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 Core II or 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.

⁴Based 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.

APPENDIX A-1 (continued)
GRADUATION REQUIREMENTS
STANDARD 14
DISTRICT OPTION

Note: Ending with incoming ninth graders of 2017-2018.

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

⁶The Carnegie units 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.

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

⁸Successful 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.

⁹Comprehensive Health or Family and Individual Health meet the Health requirement if taken prior to the 2014-2015 school year.

¹⁰The following courses meet the Carnegie unit requirement for Technology or 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, and Computer Science & Engineering.

¹¹The Arts refers to Dance, Media Arts, Music, Theatre, and Visual Arts. For a listing of approved secondary course codes please reference the current *Approved Courses for the Secondary Schools of Mississippi* Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the Arts requirement for students.

¹²Only 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.

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

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 the 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 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 2008-2009 and ending with school year 2017-2018, all entering ninth graders will be required to have a minimum of 24 Carnegie units as specified below to graduate, unless their parent/guardian requests to opt the student out of Appendix A-2 requirements in accordance with local school board policy. All students must meet one (1) of the graduation options as specified in the Appendices. The local school district may establish additional local requirements approved by the local school board as authorized under Miss. Code Ann. § 37-16-7. NOTE: This option will no longer be available for entering ninth graders after the 2017-2018 school year. New graduation requirements will go into effect for entering ninth graders of 2018-2019.

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 ¹	English I English II
MATHEMATICS	4 ²	Algebra I
SCIENCE	4 ³	Biology I
SOCIAL STUDIES	4	1 World History ⁴ 1 U.S. History ⁴ ½ Geography ⁴ ½ U.S. Government ½ Economics ⁵ ½ Mississippi Studies ⁴
HEALTH and PHYSICAL EDUCATION	1 ^{7&8}	½ Contemporary Health and ½ Physical Education ⁹
TECHNOLOGY or COMPUTER SCIENCE	1 ¹⁰	
THE ARTS	1 ¹¹	
ELECTIVES	5 ¹²	
TOTAL UNITS REQUIRED	24	

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

¹Carnegie 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.

²Carnegie 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. 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 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. 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 or Architectural Drafting Application. 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.

³For 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, 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 Core II, 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. 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.

⁴Based 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.

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

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

⁶The 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.

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

⁸Successful 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.

⁹Comprehensive 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.

¹⁰The following courses meet the Carnegie unit requirement for Technology or 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, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering. AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science.

¹¹The 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. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the Arts requirement for students.

¹²Only 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.

Effective school year 2020-2021 Appendix A-3 is no longer applicable.

**APPENDIX A-4
GRADUATION REQUIREMENTS
STANDARD 14
MISSISSIPPI EARLY EXIT DIPLOMA
(Ending with incoming ninth graders in 2017-2018)**

Qualification for a Mississippi Early Exit Diploma signifies to students that they are ready to do college level work without remediation and opens up a variety of education and career pathways within and beyond high school.

In order to qualify for a Mississippi Early Exit Diploma, in addition to earning the Carnegie units listed below, students must meet college- and career-qualification scores in all core content areas on a series of end-of-course exams (see the following page for Equivalency Chart for Innovative Programs - Authorized by the State Board of Education) and/or the required benchmarks for college readiness on the ACT (18 in English Composition; 22 in Mathematics; 22 in Reading; 23 in Science) or Institutions of Higher Learning (IHL) approved college entrance exam.

Enrollment in online and correspondence courses listed in this document must have prior approval granted by the principal.

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	2	English II (Equivalent Course)
MATHEMATICS	3	Algebra I (Equivalent Course)
SCIENCE	2	Biology I (Equivalent Course)
SOCIAL STUDIES	2½	1 World History 1 U.S. History (Equivalent Courses) ½ Mississippi Studies
HEALTH and PHYSICAL EDUCATION	1	Any combination of Health and Physical Education
TECHNOLOGY or COMPUTER SCIENCE	1	
THE ARTS	1	
ELECTIVES	5	(Should focus on college admission or national certification requirements)
TOTAL UNITS REQUIRED	17½	

Equivalency Curriculum Chart for MS Tested Areas

MS Curriculum	Cambridge
Algebra I or Integrated Math I	Cambridge IGCSE Mathematics I Or Cambridge IGSE Extended Sequence
Biology I	Coordinated Science I Or Cambridge IGCSE Biology
English II	Cambridge IGCSE English Language
US History	Cambridge IGCSE American History

Equivalency Test Chart for MS Tested Areas

MS Curriculum	Cambridge
Algebra I	Cambridge Mathematics End of Sequence Test
Biology I	Coordinated Science I or Cambridge IGCSE Biology End of Course (EOC) Test
English II	Cambridge IGCSE English Language EOC Test
US History	Cambridge IGCSE American History EOC Test

APPENDIX A-5

Appendix A-5 ADDITIONAL OPTIONS IN LIEU OF PASSING THE END-OF-COURSE ASSESSMENT MISS. ADMIN. CODE 7-3: 36.5, STATE BOARD POLICY CHAPTER 36, RULE, 36.5 (EFFECTIVE 2013-2014 SCHOOL YEAR AND THEREAFTER)

Mississippi Admin. Code 7-3: 36.5, State Board Policy Chapter 36, Rule 36.5 provides approved options for students to meet high school end-of-course (EOC) assessment requirements for graduation through approved alternate measures. Mississippi Admin. Code 7-3: 36.5, State Board Policy Chapter 36, Rule 36.5, applies to past, current, and future graduates and allows a student to meet the graduation requirements once he or she has failed to pass any required end-of-course (EOC) assessment one (1) time.

The following graduation options provide opportunities for students to obtain a certain score or level on the ACT, ASVAB, ACT WorkKeys, MS-CPAS, or other state-approved industry certifications. Students also may obtain a grade of “C” or higher in a dual credit/dual enrollment course, corresponding to the EOC assessment that was not passed.

Notes:

- ACT sub-scores resulting from non-college reportable accommodations **can** be used for graduation options, but the scores are non-college reportable.
- ACT sub-scores resulting from Residual ACT Testing **cannot** be used for graduation options.
- This option is available regardless of when the student took the SATP2, PARCC, or MAP/MAAP assessments.
- The college credit option is only applicable if the student is enrolled in high school and college at the same time. Student must meet the dual enrollment/dual credit admissions requirements of the community college partnering with the school district.
- The Graduation Options listed below are applicable to any EOC assessment.

Assessment Options	Math	Science	English	Social Studies
ACT	17	17	17	17
Dual Credit/Enrollment	C or higher in College Algebra	C or higher in College Biology & corresponding lab	C or higher in College English Comp I	C or higher in College American History II
ASVAB + MS-CPAS OR Industry Certification	ASVAB (PICAT prescreen scores are not allowable) score of 36 plus one (1) of the following: 1. CPAS score that meets the attainment level assigned by Federal Perkins requirements OR 2. Earn approved Industry Certification specified in the Career Pathway’s Assessment Blueprint			
ACT Work Keys + MS-CPAS OR Industry Certification	WorkKeys Silver Level plus one (1) of the following: 1. CPAS score that meets the attainment level assigned by Federal Perkins requirements OR 2. Earn approved Industry Certification specified in the Career Pathway’s Assessment Blueprint.			

APPENDIX A-5**Concordance Tables****MISS. ADMIN. CODE 7-3: 36.4(2) State Board Policy Chapter 36, Rule 36.4(2)
(EFFECTIVE 2014-2015 SCHOOL YEAR)**

Concordance tables provide opportunities for students who do not obtain a passing score on an End-of-Course (EOC) assessment to utilize a different graduation option, using a combination of the assessment scores with the final course grade. The tables provide the final course grade required to use with the scale score obtained on the EOC assessment. Districts are required to use the concordance table specific to when the student took the assessment.

MAAP English II (Fall 2019 & Spring 2018)

Concordance Table	Scale Score			
Grade	1049	1048	1047	1046-1045
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP English II (Spring 2019)

Concordance Table	Scale Score			
Grade	1049-1048	1047	1046-1045	1044
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP English II (Fall 2018)

Concordance Table	Scale Score			
Grade	1049	1048-1047	1046	1045
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP English II (Fall 2017)

Concordance Table	Scale Score			
Grade	1049-1048	1047	1046-1045	1044
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP English II (Spring 2017)

Concordance Table	Scale Score			
Grade	1049-1048	1047	1046-1045	1044
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP English II (Fall 2016)

Concordance Table	Scale Score			
Grade	1048	1046	1045	1043
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP English II (Senior Only Retest: Feb. 2017 & Spring 2016)

Concordance Table	Scale Score			
Grade	1049-1048	1047	1046	1045
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP Algebra I (Fall 2019)

Concordance Table	Scale Score			
Grade	1049	1048	1047-1046	1045
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Algebra I is 1050.

MAAP Algebra I (Spring 2019, Fall 2018 & Spring 2017)

Concordance Table	Scale Score			
Grade	1049-1048	1047	1046	1045
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Algebra I is 1050.

MAAP Algebra I (Spring 2018 & Fall 2017)

Concordance Table	Scale Score			
Grade	1049	1048	1047	1046-1045
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Algebra I is 1050.

MAAP Algebra I (Senior Only Retest: Feb. 2017, Fall 2016, & Spring 2016)

Concordance Table	Scale Score			
Grade	1049	1048	1047	1046
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Algebra I is 1050.

MAAP Biology (Fall 2019)

Concordance Table	Scale Score			
Grade	1049-1048	1047-1046	1045-1044	1043
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Biology is 1050.

MAAP Biology (Spring 2019 & Fall 2018) Grades 9-11

Concordance Table	Scale Score			
Grade	1049-1048	1047	1046-1045	1044-1043
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Biology is 1050.

MAAP Biology I (Fall 2018*, Spring 2018, & Fall 2017)

Concordance Table	Scale Score			
Grade	644-640	639-637	636-635	634-632
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Biology I is 645.

* The Fall 2018 Biology concordance table can only be used for 2019 graduating students. This table is not to be used with 2018-2019 students classified in grades 9-11.

MAAP U.S. History (Fall 2019*, Spring 2019, Fall 2018, Spring 2018, & Fall 2017)

Concordance Table	Scale Score			
Grade	640-637	636-635	634-633	632-631
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP US History is 641.

* The Fall 2019 U.S. History concordance table can only be used for 2020 graduating students. This table is not to be used with 2019-2020 students classified in grades 9-11.

PARCC Fall 2014 & Spring 2015-English II

Concordance Table	Scale Score			
Grade	724-722	721-719	718-716	715
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for PARCC English II is 725.

PARCC Fall 2014 & Spring 2015-Algebra I

Concordance Table	Scale Score			
Grade	724-722	721-719	718-716	715
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for PARCC Algebra I is 725.

SATP2 English II

Concordance Table	Scale Score			
Grade	644-641	640-639	638-637	636-635
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for SATP2 English II is 645.

SATP2 Algebra I

Concordance Table	Scale Score			
Grade	646-644	643-642	641	640-639
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score from SATP2 Algebra I is 647.

SATP2 Biology I

Concordance Table	Scale Score			
Grade	644-640	639-637	636-635	634-632
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for SATP2 Biology I is 645.

SATP2 U.S. History

Concordance Table	Scale Score			
Grade	640-637	636-635	634-633	632-631
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for SATP2 U.S. History is 641.

Composite (Combined) Score
MISS. ADMIN. CODE 7-3: 36.4(3) State Board Policy Chapter 36, Rule 36.4(3)
(EFFECTIVE 2015-2016 SCHOOL YEAR)

Composite (Combined) Score Calculations provide opportunities for students who do not obtain a passing score on one or more EOC assessments. Students may utilize an additional graduation option by taking the average of all EOC assessments and achieving a minimal combined score of 646. Scale scores from the PARCC and MAP assessments will need to be transformed according to the guidance provided in Sections 1, 3, and 4.

Section 1 (Only SATP2 Assessments)

- I. Calculate the student's composite (combined) score by determining the average score across all four assessments.

Test	Score
Algebra I (SATP2)	650
English II (SATP2)	647
Biology I (SATP2)	656
U.S. History (SATP2)	638

$$\text{Average Composite (Combined) Score} = \frac{650 + 647 + 656 + 638}{4} = \frac{2591}{4} = 647.75 = 648$$

Section 2 (SATP2 and PARCC Assessments)

- I. Calculate the Transformed Score for the PARCC assessments by using the following formulas:

- To transform a PARCC Algebra I Score:
Student's PARCC Algebra I Scale Score – 78 points
- To transform a PARCC English II Score:
Student's PARCC English II Scale Score – 80 points

- II. Calculate the student's composite (combined) score by determining the average score across all four assessments.

Test	Score	Transformation	Transformed Score
Algebra I (PARCC)	723	$723 - 78 =$	645
English II (PARCC)	724	$724 - 80 =$	644
Biology I (SATP2)	652		652
U.S. History (SATP2)	644		644

$$\text{Average Composite (Combined) Score} = \frac{645 + 644 + 652 + 644}{4} = \frac{2585}{4} = 646.25 = 64$$

Section 3 (SATP2 and MAP Assessments)

- I. Calculate the Transformed Score for the MAP assessments by using the following formulas:
 - To transform a MAP Algebra I Score:
Student's MAP Algebra I Scale Score – 403 points
 - To transform a MAP English II Score:
Student's MAP English II Scale Score – 405 points
- II. Calculate the student's composite (combined) score by determining the average score across all four assessments.

Test	Score	Transformation	Transformed Score
Algebra I (MAP)	1048	$1048 - 403 =$	645
English II (MAP)	1049	$1049 - 405 =$	644
Biology I (SATP2)	652		652
U.S. History (SATP2)	644		644

$$\text{Average Composite (Combined) Score} = \frac{645 + 644 + 652 + 644}{4} = \frac{2585}{4} = 646.25 = 646$$

Section 4 (SATP2, PARCC, and MAP Assessments)

- I. Calculate the Transformed Score for the PARCC and MAP assessments by using the following formulas:
 - To transform a PARCC Algebra I Score:
Student's PARCC Algebra I Scale Score – 78 points
 - To transform a PARCC English II Score:
Student's PARCC English II Scale Score – 80 points
 - To transform a MAP Algebra I Score:
Student's MAP Algebra I Scale Score – 403 points
 - To transform a MAP English II Score:
Student's MAP English II Scale Score – 405 points

Calculate the student's composite (combined) score by determining the average score across all four assessments.

Test	Score	Transformation	Transformed Score
Algebra I (PARCC)	723	$723 - 78 =$	645
English II (MAP)	1049	$1049 - 405 =$	644
Biology I (SATP2)	652		652
U.S. History (SATP2)	644		644

$$\text{Average Composite (Combined) Score} = \frac{645 + 644 + 652 + 644}{4} = \frac{2585}{4} = 646.25 = 646$$

Calculate the student's composite (combined) score by determining the average score across all four assessments.

Test	Score	Transformation	Transformed Score
Algebra I (MAP)	1048	$1048 - 403 =$	645
English II (PARCC)	724	$724 - 80 =$	644
Biology I (SATP2)	652		652
U.S. History (SATP2)	644		644

$$\text{Average Composite (Combined) Score} = \frac{645 + 644 + 652 + 644}{4} = \frac{2585}{4} = 646.25 = 646$$

**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 one (1) of 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 ¹	English I English II
MATHEMATICS	4 ²	Algebra I
SCIENCE	3 ³	Biology
SOCIAL STUDIES	3½	1 World History ⁴ 1 U.S. History ⁴ ½ U.S. Government ⁴ ½ Economics ⁵ ½ Mississippi Studies ⁶
PHYSICAL EDUCATION	½ ⁷	½ Physical Education
HEALTH	½ ⁸	½ Contemporary Health
TECHNOLOGY or COMPUTER SCIENCE	1 ⁹	
THE ARTS	1 ¹⁰	
COLLEGE- and CAREER-READINESS	1 ¹¹	
ELECTIVES	5½	
TOTAL UNITS REQUIRED	24 ^{12, 13, 14}	

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

¹Carnegie 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.

²Carnegie 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 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. 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 or Architectural Drafting Application. 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.

³For 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 (which may be taken for a Carnegie unit in 8th grade), 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, 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 Core II or 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) may be earned by completing Agriculture and Natural Resources I & II. 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.

⁴Based 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.

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

⁵Carnegie 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.

⁶The 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.

⁷The 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.

⁸Carnegie credit earned in Healthcare & Clinical Services I, or Health Sciences Core 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.

⁹The following courses meet the Carnegie unit requirement for Technology or Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Technology Foundations, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Exploring Computer Science, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering. AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science.

¹⁰The 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. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the Arts requirement for students.

¹¹ 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.

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

*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 or sophomore year with the remaining semester taught in junior or senior year
- d. $\frac{1}{4}$ Carnegie unit per year beginning with the freshman year

¹²Additional requirements above the 24 Carnegie units and the assessment requirements include:

- Students must identify an endorsement area prior to entering 9th 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
 - Are on track to meet the diploma requirements
 - Are concurrently enrolled in the appropriate Essentials for College Math and/or Essentials for College Literacy

¹³ 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

¹⁴Courses 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
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.

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

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

¹Carnegie 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.

²Carnegie 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 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. 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 or Architectural Drafting Application. 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.

³For 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 (which may be taken for a Carnegie unit in 8th grade), 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, 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 Core II or 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) may be earned by completing Agriculture and Natural Resources I & II. 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.

⁴Based 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.

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

⁵Carnegie units 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.

⁶The 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.

⁷The 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.

⁸Carnegie credit earned in Healthcare & Clinical Services I, or Health Sciences Core 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.

⁹The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Technology Foundations, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Exploring Computer Science, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering. AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science.

¹⁰The 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. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the Arts requirement for students.

¹¹ 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.

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

*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 or sophomore year with the remaining semester taught in junior or senior year
- d. $\frac{1}{4}$ Carnegie unit per year beginning with the freshman year

¹²Additional 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) CTE dual credit
 - A Career Pathway Experience
 - 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.

¹³Additional 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

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

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

¹Carnegie 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.

²Carnegie 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. 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 or Architectural Drafting Application. 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.

³For 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 (which may be taken for a Carnegie unit in 8th grade), 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, 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 Core II 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. 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.

⁴Based 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.

⁵Carnegie 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-8 (Continued)
GRADUATION REQUIREMENTS STANDARD 14
TRADITIONAL DIPLOMA with an ACADEMIC ENDORSEMENT
(Entering ninth graders in 2018-2019 and thereafter)

⁶The 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.

⁷The 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.

⁸Carnegie credit earned in Healthcare & Clinical Services I, or Health Sciences Core 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.

⁹The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Technology Foundations, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Exploring Computer Science, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering. AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science.

¹⁰The 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*. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the art requirement for students.

¹¹ 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.

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

*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 or sophomore year with the remaining semester taught in junior or senior year
- d. $\frac{1}{4}$ Carnegie unit per year beginning with the freshman year

¹²Additional 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
- 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 an 80 or above (in senior year) or on the SAT as defined by IHL
- 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

¹³Additional 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

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

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

¹Carnegie 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.

²Carnegie 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. 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 or Architectural Drafting Application. 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.

³For 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 (which may be taken for a Carnegie unit in 8th grade), 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, 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 Core II or 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) may be earned by completing Agriculture and Natural Resources I & II. 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.

⁴Based 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.

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

⁵Carnegie units 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.

⁶The 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.

⁷The 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.

⁸Carnegie credit earned in Healthcare & Clinical Services I, or Health Sciences Core 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.

⁹The following courses meet the Carnegie units requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Technology Foundations, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Exploring Computer Science, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering. AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science.

¹⁰The 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*. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the art requirement for students.

¹¹ 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.

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

*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 or sophomore year with the remaining semester taught in junior or senior year
- d. $\frac{1}{4}$ Carnegie unit per year beginning with the freshman year

¹²Additional 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
- Earn national college readiness benchmarks on each subtest established by ACT of 18 in English and 22 in Math or SAT equivalent subscore as defined by IHL.
- 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 C or higher and take the appropriate exam
 - One (1) dual credit course earning a B or higher in the course

¹³Additional 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

¹⁴Courses 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 each of the required high school alternate assessments, is eligible to receive an Alternate 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.

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS	GENERAL EDUCATION COURSE SUBSTITUTION
ENGLISH	4 ¹	Alternate English I	• CCR English I
		Alternate English II	• CCR English II
		Alternate English III Alternate English IV	• CCR English III • CCR English IV • Broadcast Journalism • Debate • Foundations of Journalism • Mississippi Writers • Oral Communications • Print Journalism • Survey of African American Writing • Technical and Workplace Writing • World Literature

APPENDIX A-10 (Continued)
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.

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

APPENDIX A-10 (Continued)
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.

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

¹Carnegie 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.

²Carnegie 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.

³Carnegie units earned in Healthcare & Clinical Services I, or Health Sciences Core I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (1/2) Carnegie unit in Health. 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.

⁴The 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),

APPENDIX A-10 (Continued)
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.

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.

⁵Evidence 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.

⁶The 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*. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the art requirement for students.

**APPENDIX A-11
GRADUATION REQUIREMENTS
STANDARD 14
Certificate of Completion**

Note: This option shall be offered by districts for incoming freshmen beginning in school year 2018-2019 and thereafter.

A Certificate of Completion is not a high school diploma or an Alternate Diploma, but rather an acknowledgement of the student's participation in and completion of his/her Individualized Education Program (IEP). Students eligible to receive a Certificate of Completion must fall into one (1) the following categories:

1. Students without a Significant Cognitive Disability at the end of 8th grade who:
 - Are 16 years old or older; AND
 - At least three (3) or more grade levels below their peers in reading and math; AND
 - Have a signed statement from the parent acknowledging the Certificate of Completion is not a traditional high school diploma and will not meet the requirements for entry into careers or post-secondary opportunities requiring a diploma.
2. Students without a Significant Cognitive Disability who have not yet turned sixteen (16) by the end of the eighth grade should transition to the ninth grade on a diploma path.
3. Students with a Significant Cognitive Disability at the end of 8th grade who:
 - Have extremely limited or no receptive and expressive communication skills AND
 - Have a signed statement from the parent acknowledging the Certificate of Completion is not a traditional high school diploma and will not meet the requirements for entry into careers or post-secondary opportunities requiring a diploma.
4. Students with or without a Significant Cognitive Disability at the end of their third year of high school (6 semesters) who:
 - Have not earned at minimum of 3 English units, 3 math units, 2 science units, 2 social studies units, and 5 electives; AND
 - Have a signed statement from the parent acknowledging the Certificate of Completion is not a traditional high school diploma and will not meet the requirements for entry into careers or post-secondary opportunities requiring a diploma; AND
 - Have evidence of 3 or more years of intensive intervention implemented in middle and/or high school to earn Carnegie units. Evidence may include, but is not limited to:
 - Progress monitoring data from reading intervention programs or math intervention programs
 - Documentation of accommodations and modifications provided in the general education courses and assessments
 - Course schedules outlining dedicated time for intervention.

The student's IEP committee determines the course of study for the Certificate of Completion. Areas of instruction should be developed based on the unique needs of the individual student. Course work shall be appropriate for the student and may include:

- Intensive remediation in deficit area skills
- Career preparation courses
- Life skills courses

Students earning the Certificate of Completion must have completed at least four (4) years of high school and/or be at least 19 years of age at the time of graduation.

All students are required to participate in the Mississippi statewide assessment program deemed appropriate by their IEP Committee.

APPENDIX B-1
REQUIRED COURSES IN THE CURRICULUM OF EACH SECONDARY SCHOOL
STANDARD 26
Effective Beginning School Year 2014-2015
(Ending in School Year 2020-2021)

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
ENGLISH	English I English II English III English IV Essentials for College Literacy	1 1 1 1 1	5
MATHEMATICS	Algebra I Geometry Algebra II Essentials for College Math Elective Mathematics Courses	1 1 1 1 1	5
SCIENCE	Biology I Chemistry Physics ¹ Elective Science Courses ²	1 1 1 3 ²	6
SOCIAL STUDIES	U.S. History U.S. Government Mississippi Studies World History Economics Intro to Geography	1 ½ ½ 1 ½ ½	4
TECHNOLOGY OR COMPUTER SCIENCE	Any one (1) credit from the following: Technology Foundations; Information and Communication Technology (ICT) II; Science, Technology, Engineering, and Mathematics (STEM); or ½ Keyboarding and ½ Computer Applications; Keystone; Information and Communication Technology; Project Lead the Way (PLTW) Computer Science Essentials; PLTW Introduction to Computer Science; PLTW Introduction to Engineering; Exploring Computer Science; Cyber Foundations I; Cyber Foundations II; Computer Science & Engineering; AP Computer Science Principles	1	1

APPENDIX B-1 (continued)
REQUIRED COURSES IN THE CURRICULUM OF EACH SECONDARY SCHOOL
STANDARD 26

Effective Beginning School Year 2014-2015
(Ending in School Year 2020-2021)

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
HEALTH/PHYSICAL EDUCATION	Contemporary Health Physical Education	$\frac{1}{2}$ $\frac{1}{2}$	1
THE ARTS	Any approved Arts course	1	1
FAMILY & CONSUMER SCIENCE	Family Dynamics	$\frac{1}{2}$	$\frac{1}{2}$
CAREER & TECHNICAL	Any combination of courses	4	4
ADVANCED PLACEMENT ^{5, 6}	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 English Language Arts AP Course in Social Studies	 1 ^{5, 6} 1 ^{5, 6} 1 ^{5, 6} 1 ^{5, 6}	4
ELECTIVES	World Language (IHL) <i>or</i> Advanced World Geography (IHL) Any other Elective	1 $\frac{1}{2}$	1 $\frac{1}{2}$
TOTAL UNITS REQUIRED			33 $\frac{1}{2}$

¹Includes Physics, AP Physics B, AP Physics C—Electricity and Magnetism, and AP Physics C—Mechanics and AP Physics courses listed by the current official College Board AP website.

²Two (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.

³One-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.

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

⁵A school offering the International Baccalaureate Diploma Program and Cambridge (AICE) is exempt.

⁶Distance learning, approved on-line vendor courses, or approved Mississippi Online Course Approval (MOCA) courses may be used as an appropriate alternative for the delivery of these required Advanced Placement (AP) courses.

APPENDIX B-2

**APPENDIX B-2
REQUIRED COURSES IN THE CURRICULUM OF EACH SECONDARY SCHOOL
STANDARD 26
Effective Beginning in School Year 2021-2022**

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
ENGLISH	English I English II English III English IV Essentials for College Literacy	1 1 1 1 1	5
MATHEMATICS	Algebra I Geometry Algebra II Essentials for College Math Elective Mathematics Courses	1 1 1 1 1	5
SCIENCE	Biology Chemistry Physics Elective Science Courses ¹	1 1 1 3	6
SOCIAL STUDIES	U.S. History U.S. Government Mississippi Studies World History Economics	1 ½ ½ 1 ½	3½
TECHNOLOGY OR COMPUTER SCIENCE	Any one (1) credit from the following courses: Science, Technology, Engineering, and Mathematics (STEM); Project Lead the Way (PLTW) Computer Science Essentials; PLTW Introduction to Computer Science; PLTW Introduction to Engineering; Exploring Computer Science; Cyber Foundations I; Cyber Foundations II; AP Computer Science Principles; Information and Communication Technology (ICT) II	1	1
HEALTH/PHYSICAL EDUCATION	Contemporary Health Physical Education	½ ½	1
THE ARTS ²	Any approved Arts course	1	1
COLLEGE AND CAREER READINESS ³	College and Career Readiness	1	1
CAREER & TECHNICAL	Any combination of CTE courses	4	4

APPENDIX B-2
REQUIRED COURSES IN THE CURRICULUM OF EACH SECONDARY SCHOOL
STANDARD 26
Effective Beginning in School Year 2021-2022

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
ADVANCED PLACEMENT COURSES ⁴	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 English Language Arts AP Course in Social Studies	4	4
ELECTIVES	Any other Advanced Elective defined by the IHL College Preparatory Curriculum, as noted in Appendix C	2	2
TOTAL UNITS REQUIRED		33 ½	33½

¹Two (2) of the three (3) elective science units may be offered through the following courses: Concepts of Agriscience; Science of Agricultural Plants; Science of Agricultural Animals; Science of Agricultural Environment; Aquaculture; Healthcare & Clinical Services I & II; Forestry I & II; Horticulture I & II; Agriculture and Natural Resources I & II; or Robotics/Engineering I & II.

²The 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*. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the art requirement for students.

³The 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 or sophomore year with the remaining semester taught in junior or senior year
- d. ¼ Carnegie Unit per year beginning with the freshman year

⁴A school offering the International Baccalaureate Diploma Program and Cambridge (AICE) is exempt. Distance learning approved on-line vendor courses, or approved Mississippi Online Course Approval (MOCA) courses may be used as an appropriate alternative for the delivery of these required Advanced Placement (AP) courses.

**APPENDIX A-1
GRADUATION REQUIREMENTS
STANDARD 14
DISTRICT OPTION**

Note: Ending with incoming ninth graders of 2017-2018.

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 the 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 manual 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.

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 ¹	English I English II
MATHEMATICS	4 ²	Algebra I
SCIENCE	3 ³	Biology I
SOCIAL STUDIES	3 ^{4&6}	1 World History ⁴ 1 U.S. History ⁴ ½ U.S. Government ⁴ ½ Mississippi Studies ⁶
HEALTH	½ ^{7&8}	Contemporary Health ⁹
TECHNOLOGY or COMPUTER SCIENCE	1 ¹⁰	
THE ARTS	1 ¹¹	
ELECTIVES	4½ ¹²	
TOTAL UNITS REQUIRED	21	

APPENDIX A-1 (continued)
GRADUATION REQUIREMENTS
STANDARD 14
DISTRICT OPTION

Note: Ending with incoming ninth graders of 2017-2018.

¹Carnegie 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. The Ready for High School Literacy course shall only be available for 8th grade or 9th grade students (Students with a documented IEP are the exception).

²Carnegie 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 one (1) 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 (Students with a documented IEP are the exception). 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. 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 or Architectural Drafting Application.

³For 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, 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 Core II or 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.

⁴Based 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.

APPENDIX A-1 (continued)
GRADUATION REQUIREMENTS
STANDARD 14
DISTRICT OPTION

Note: Ending with incoming ninth graders of 2017-2018.

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

⁶The Carnegie units 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.

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

⁸Successful 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.

⁹Comprehensive Health or Family and Individual Health meet the Health requirement if taken prior to the 2014-2015 school year.

¹⁰The following courses meet the Carnegie unit requirement for Technology or 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, and Computer Science & Engineering.

¹¹The Arts refers to Dance, Media Arts, Music, Theatre, and Visual Arts. For a listing of approved secondary course codes please reference the current *Approved Courses for the Secondary Schools of Mississippi* Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the Arts requirement for students.

¹²Only 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.

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

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 the 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 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 2008-2009 and ending with school year 2017-2018, all entering ninth graders will be required to have a minimum of 24 Carnegie units as specified below to graduate, unless their parent/guardian requests to opt the student out of Appendix A-2 requirements in accordance with local school board policy. All students must meet one (1) of the graduation options as specified in the Appendices. The local school district may establish additional local requirements approved by the local school board as authorized under Miss. Code Ann. § 37-16-7. NOTE: This option will no longer be available for entering ninth graders after the 2017-2018 school year. New graduation requirements will go into effect for entering ninth graders of 2018-2019.

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 ¹	English I English II
MATHEMATICS	4 ²	Algebra I
SCIENCE	4 ³	Biology I
SOCIAL STUDIES	4	1 World History ⁴ 1 U.S. History ⁴ ½ Geography ⁴ ½ U.S. Government ½ Economics ⁵ ½ Mississippi Studies ⁴
HEALTH and PHYSICAL EDUCATION	1 ^{7&8}	½ Contemporary Health and ½ Physical Education ⁹
TECHNOLOGY or COMPUTER SCIENCE	1 ¹⁰	
THE ARTS	1 ¹¹	
ELECTIVES	5 ¹²	
TOTAL UNITS REQUIRED	24	

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

¹Carnegie 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.

²Carnegie 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. 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 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. 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 or Architectural Drafting Application. 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.

³For 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, 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 Core II, 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. 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.

⁴Based 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.

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

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

⁶The 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.

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

⁸Successful 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.

⁹Comprehensive 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.

¹⁰The following courses meet the Carnegie unit requirement for Technology or 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, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering. AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science.

¹¹The 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. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the Arts requirement for students.

¹²Only 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.

Effective school year 2020-2021 Appendix A-3 is no longer applicable.

**APPENDIX A-4
GRADUATION REQUIREMENTS
STANDARD 14
MISSISSIPPI EARLY EXIT DIPLOMA
(Ending with incoming ninth graders in 2017-2018)**

Qualification for a Mississippi Early Exit Diploma signifies to students that they are ready to do college level work without remediation and opens up a variety of education and career pathways within and beyond high school.

In order to qualify for a Mississippi Early Exit Diploma, in addition to earning the Carnegie units listed below, students must meet college- and career-qualification scores in all core content areas on a series of end-of-course exams (see the following page for Equivalency Chart for Innovative Programs - Authorized by the State Board of Education) and/or the required benchmarks for college readiness on the ACT (18 in English Composition; 22 in Mathematics; 22 in Reading; 23 in Science) or Institutions of Higher Learning (IHL) approved college entrance exam.

Enrollment in online and correspondence courses listed in this document must have prior approval granted by the principal.

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	2	English II (Equivalent Course)
MATHEMATICS	3	Algebra I (Equivalent Course)
SCIENCE	2	Biology I (Equivalent Course)
SOCIAL STUDIES	2½	1 World History 1 U.S. History (Equivalent Courses) ½ Mississippi Studies
HEALTH and PHYSICAL EDUCATION	1	Any combination of Health and Physical Education
TECHNOLOGY or COMPUTER SCIENCE	1	
THE ARTS	1	
ELECTIVES	5	(Should focus on college admission or national certification requirements)
TOTAL UNITS REQUIRED	17½	

Equivalency Curriculum Chart for MS Tested Areas

MS Curriculum	Cambridge
Algebra I or Integrated Math I	Cambridge IGCSE Mathematics I Or Cambridge IGSE Extended Sequence
Biology I	Coordinated Science I Or Cambridge IGCSE Biology
English II	Cambridge IGCSE English Language
US History	Cambridge IGCSE American History

Equivalency Test Chart for MS Tested Areas

MS Curriculum	Cambridge
Algebra I	Cambridge Mathematics End of Sequence Test
Biology I	Coordinated Science I or Cambridge IGCSE Biology End of Course (EOC) Test
English II	Cambridge IGCSE English Language EOC Test
US History	Cambridge IGCSE American History EOC Test

Appendix A-5
ADDITIONAL OPTIONS IN LIEU OF PASSING THE END-OF-COURSE ASSESSMENT
MISS. ADMIN. CODE 7-3: 36.5, STATE BOARD POLICY CHAPTER 36, RULE, 36.5
(EFFECTIVE 2013-2014 SCHOOL YEAR AND THEREAFTER)

Mississippi Admin. Code 7-3: 36.5, State Board Policy Chapter 36, Rule 36.5 provides approved options for students to meet high school end-of-course (EOC) assessment requirements for graduation through approved alternate measures. Mississippi Admin. Code 7-3: 36.5, State Board Policy Chapter 36, Rule 36.5, applies to past, current, and future graduates and allows a student to meet the graduation requirements once he or she has failed to pass any required end-of-course (EOC) assessment one (1) time.

The following graduation options provide opportunities for students to obtain a certain score or level on the ACT, ASVAB, ACT WorkKeys, MS-CPAS, or other state-approved industry certifications. Students also may obtain a grade of “C” or higher in a dual credit/dual enrollment course, corresponding to the EOC assessment that was not passed.

Notes:

- ACT sub-scores resulting from non-college reportable accommodations **can** be used for graduation options, but the scores are non-college reportable.
- ACT sub-scores resulting from Residual ACT Testing **cannot** be used for graduation options.
- This option is available regardless of when the student took the SATP2, PARCC, or MAP/MAAP assessments.
- The college credit option is only applicable if the student is enrolled in high school and college at the same time. Student must meet the dual enrollment/dual credit admissions requirements of the community college partnering with the school district.
- The Graduation Options listed below are applicable to any EOC assessment.

Assessment Options	Math	Science	English	Social Studies
ACT	17	17	17	17
Dual Credit/Enrollment	C or higher in College Algebra	C or higher in College Biology & corresponding lab	C or higher in College English Comp I	C or higher in College American History II
ASVAB + MS-CPAS OR Industry Certification	ASVAB (PICAT prescreen scores are not allowable) score of 36 plus one (1) of the following: 1. CPAS score that meets the attainment level assigned by Federal Perkins requirements OR 2. Earn approved Industry Certification specified in the Career Pathway’s Assessment Blueprint			
ACT Work Keys + MS-CPAS OR Industry Certification	WorkKeys Silver Level plus one (1) of the following: 1. CPAS score that meets the attainment level assigned by Federal Perkins requirements OR 2. Earn approved Industry Certification specified in the Career Pathway’s Assessment Blueprint.			

APPENDIX A-5

Concordance Tables **MISS. ADMIN. CODE 7-3: 36.4(2) State Board Policy Chapter 36, Rule 36.4(2)** **(EFFECTIVE 2014-2015 SCHOOL YEAR)**

Concordance tables provide opportunities for students who do not obtain a passing score on an End-of-Course (EOC) assessment to utilize a different graduation option, using a combination of the assessment scores with the final course grade. The tables provide the final course grade required to use with the scale score obtained on the EOC assessment. Districts are required to use the concordance table specific to when the student took the assessment.

MAAP English II (Fall 2019 & Spring 2018)

Concordance Table	Scale Score			
Grade	1049	1048	1047	1046-1045
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP English II (Spring 2019)

Concordance Table	Scale Score			
Grade	1049-1048	1047	1046-1045	1044
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP English II (Fall 2018)

Concordance Table	Scale Score			
Grade	1049	1048-1047	1046	1045
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP English II (Fall 2017)

Concordance Table	Scale Score			
Grade	1049-1048	1047	1046-1045	1044
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP English II (Spring 2017)

Concordance Table	Scale Score			
Grade	1049-1048	1047	1046-1045	1044
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP English II (Fall 2016)

Concordance Table	Scale Score			
Grade	1048	1046	1045	1043
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP English II (Senior Only Retest: Feb. 2017 & Spring 2016)

Concordance Table	Scale Score			
Grade	1049-1048	1047	1046	1045
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP English II is 1050.

MAAP Algebra I (Fall 2019)

Concordance Table	Scale Score			
Grade	1049	1048	1047-1046	1045
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Algebra I is 1050.

MAAP Algebra I (Spring 2019, Fall 2018 & Spring 2017)

Concordance Table	Scale Score			
Grade	1049-1048	1047	1046	1045
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Algebra I is 1050.

MAAP Algebra I (Spring 2018 & Fall 2017)

Concordance Table	Scale Score			
Grade	1049	1048	1047	1046-1045
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Algebra I is 1050.

MAAP Algebra I (Senior Only Retest: Feb. 2017, Fall 2016, & Spring 2016)

Concordance Table	Scale Score			
Grade	1049	1048	1047	1046
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Algebra I is 1050.

MAAP Biology (Fall 2019)

Concordance Table	Scale Score			
Grade	1049-1048	1047-1046	1045-1044	1043
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Biology is 1050.

MAAP Biology (Spring 2019 & Fall 2018) Grades 9-11

Concordance Table	Scale Score			
Grade	1049-1048	1047	1046-1045	1044-1043
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Biology is 1050.

MAAP Biology I (Fall 2018*, Spring 2018, & Fall 2017)

Concordance Table	Scale Score			
Grade	644-640	639-637	636-635	634-632
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP Biology I is 645.

* The Fall 2018 Biology concordance table can only be used for 2019 graduating students. This table is not to be used with 2018-2019 students classified in grades 9-11.

MAAP U.S. History (Fall 2019*, Spring 2019, Fall 2018, Spring 2018, & Fall 2017)

Concordance Table	Scale Score			
Grade	640-637	636-635	634-633	632-631
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for MAAP US History is 641.

* The Fall 2019 U.S. History concordance table can only be used for 2020 graduating students. This table is not to be used with 2019-2020 students classified in grades 9-11.

PARCC Fall 2014 & Spring 2015-English II

Concordance Table	Scale Score			
Grade	724-722	721-719	718-716	715
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for PARCC English II is 725.

PARCC Fall 2014 & Spring 2015-Algebra I

Concordance Table	Scale Score			
Grade	724-722	721-719	718-716	715
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for PARCC Algebra I is 725.

SATP2 English II

Concordance Table	Scale Score			
Grade	644-641	640-639	638-637	636-635
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for SATP2 English II is 645.

SATP2 Algebra I

Concordance Table	Scale Score			
Grade	646-644	643-642	641	640-639
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score from SATP2 Algebra I is 647.

SATP2 Biology I

Concordance Table	Scale Score			
Grade	644-640	639-637	636-635	634-632
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for SATP2 Biology I is 645.

SATP2 U.S. History

Concordance Table	Scale Score			
Grade	640-637	636-635	634-633	632-631
A	PASS	PASS	PASS	PASS
B	PASS	PASS	PASS	FAIL
C	PASS	PASS	FAIL	FAIL
D	PASS	FAIL	FAIL	FAIL

The passing score for SATP2 U.S. History is 641.

Composite (Combined) Score
MISS. ADMIN. CODE 7-3: 36.4(3) State Board Policy Chapter 36, Rule 36.4(3)
(EFFECTIVE 2015-2016 SCHOOL YEAR)

Composite (Combined) Score Calculations provide opportunities for students who do not obtain a passing score on one or more EOC assessments. Students may utilize an additional graduation option by taking the average of all EOC assessments and achieving a minimal combined score of 646. Scale scores from the PARCC and MAP assessments will need to be transformed according to the guidance provided in Sections 1, 3, and 4.

Section 1 (Only SATP2 Assessments)

- I. Calculate the student's composite (combined) score by determining the average score across all four assessments.

Test	Score
Algebra I (SATP2)	650
English II (SATP2)	647
Biology I (SATP2)	656
U.S. History (SATP2)	638

$$\text{Average Composite (Combined) Score} = \frac{650 + 647 + 656 + 638}{4} = \frac{2591}{4} = 647.75 = 648$$

Section 2 (SATP2 and PARCC Assessments)

- I. Calculate the Transformed Score for the PARCC assessments by using the following formulas:

- To transform a PARCC Algebra I Score:
Student's PARCC Algebra I Scale Score – 78 points
- To transform a PARCC English II Score:
Student's PARCC English II Scale Score – 80 points

- II. Calculate the student's composite (combined) score by determining the average score across all four assessments.

Test	Score	Transformation	Transformed Score
Algebra I (PARCC)	723	$723 - 78 =$	645
English II (PARCC)	724	$724 - 80 =$	644
Biology I (SATP2)	652		652
U.S. History (SATP2)	644		644

$$\text{Average Composite (Combined) Score} = \frac{645 + 644 + 652 + 644}{4} = \frac{2585}{4} = 646.25 = 64$$

Section 3 (SATP2 and MAP Assessments)

- I. Calculate the Transformed Score for the MAP assessments by using the following formulas:
 - To transform a MAP Algebra I Score:
Student's MAP Algebra I Scale Score – 403 points
 - To transform a MAP English II Score:
Student's MAP English II Scale Score – 405 points
- II. Calculate the student's composite (combined) score by determining the average score across all four assessments.

Test	Score	Transformation	Transformed Score
Algebra I (MAP)	1048	$1048 - 403 =$	645
English II (MAP)	1049	$1049 - 405 =$	644
Biology I (SATP2)	652		652
U.S. History (SATP2)	644		644

$$\text{Average Composite (Combined) Score} = \frac{645 + 644 + 652 + 644}{4} = \frac{2585}{4} = 646.25 = 646$$

Section 4 (SATP2, PARCC, and MAP Assessments)

- I. Calculate the Transformed Score for the PARCC and MAP assessments by using the following formulas:
 - To transform a PARCC Algebra I Score:
Student's PARCC Algebra I Scale Score – 78 points
 - To transform a PARCC English II Score:
Student's PARCC English II Scale Score – 80 points
 - To transform a MAP Algebra I Score:
Student's MAP Algebra I Scale Score – 403 points
 - To transform a MAP English II Score:
Student's MAP English II Scale Score – 405 points

Calculate the student's composite (combined) score by determining the average score across all four assessments.

Test	Score	Transformation	Transformed Score
Algebra I (PARCC)	723	$723 - 78 =$	645
English II (MAP)	1049	$1049 - 405 =$	644
Biology I (SATP2)	652		652
U.S. History (SATP2)	644		644

$$\text{Average Composite (Combined) Score} = \frac{645 + 644 + 652 + 644}{4} = \frac{2585}{4} = 646.25 = 646$$

Calculate the student's composite (combined) score by determining the average score across all four assessments.

Test	Score	Transformation	Transformed Score
Algebra I (MAP)	1048	$1048 - 403 =$	645
English II (PARCC)	724	$724 - 80 =$	644
Biology I (SATP2)	652		652
U.S. History (SATP2)	644		644

$$\text{Average Composite (Combined) Score} = \frac{645 + 644 + 652 + 644}{4} = \frac{2585}{4} = 646.25 = 646$$

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 one (1) of 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 ¹	English I English II
MATHEMATICS	4 ²	Algebra I
SCIENCE	3 ³	Biology
SOCIAL STUDIES	3½	1 World History ⁴ 1 U.S. History ⁴ ½ U.S. Government ⁴ ½ Economics ⁵ ½ Mississippi Studies ⁶
PHYSICAL EDUCATION	½ ⁷	½ Physical Education
HEALTH	½ ⁸	½ Contemporary Health
TECHNOLOGY or COMPUTER SCIENCE	1 ⁹	
THE ARTS	1 ¹⁰	
COLLEGE- and CAREER-READINESS	1 ¹¹	
ELECTIVES	5½	
TOTAL UNITS REQUIRED	24 ^{12, 13, 14}	

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

¹Carnegie 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.

²Carnegie 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 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. 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 or Architectural Drafting Application. 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.

³For 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 (which may be taken for a Carnegie unit in 8th grade), 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, 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 Core II or 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) may be earned by completing Agriculture and Natural Resources I & II. 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.

⁴Based 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.

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

⁵Carnegie 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.

⁶The 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.

⁷The 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.

⁸Carnegie credit earned in Healthcare & Clinical Services I, or Health Sciences Core 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.

⁹The following courses meet the Carnegie unit requirement for Technology or Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Technology Foundations, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Exploring Computer Science, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering. AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science.

¹⁰The 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. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the Arts requirement for students.

¹¹ 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.

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

*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 or sophomore year with the remaining semester taught in junior or senior year
- d. $\frac{1}{4}$ Carnegie unit per year beginning with the freshman year

¹²Additional requirements above the 24 Carnegie units and the assessment requirements include:

- Students must identify an endorsement area prior to entering 9th 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
 - Are on track to meet the diploma requirements
 - Are concurrently enrolled in the appropriate Essentials for College Math and/or Essentials for College Literacy

¹³ 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

¹⁴Courses 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
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.

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

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

¹Carnegie 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.

²Carnegie 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 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. 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 or Architectural Drafting Application. 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.

³For 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 (which may be taken for a Carnegie unit in 8th grade), 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, 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 Core II or 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) may be earned by completing Agriculture and Natural Resources I & II. 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.

⁴Based 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.

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

⁵Carnegie units 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.

⁶The 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.

⁷The 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.

⁸Carnegie credit earned in Healthcare & Clinical Services I, or Health Sciences Core 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.

⁹The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Technology Foundations, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Exploring Computer Science, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering. AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science.

¹⁰The 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. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the Arts requirement for students.

¹¹ 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.

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

*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 or sophomore year with the remaining semester taught in junior or senior year
- d. $\frac{1}{4}$ Carnegie unit per year beginning with the freshman year

¹²Additional 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) CTE dual credit
 - A Career Pathway Experience
 - 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.

¹³Additional 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

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

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

¹Carnegie 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.

²Carnegie 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. 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 or Architectural Drafting Application. 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.

³For 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 (which may be taken for a Carnegie unit in 8th grade), 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, 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 Core II 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. 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.

⁴Based 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.

⁵Carnegie 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-8 (Continued)
GRADUATION REQUIREMENTS STANDARD 14
TRADITIONAL DIPLOMA with an ACADEMIC ENDORSEMENT
(Entering ninth graders in 2018-2019 and thereafter)

⁶The 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.

⁷The 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.

⁸Carnegie credit earned in Healthcare & Clinical Services I, or Health Sciences Core 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.

⁹The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Technology Foundations, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Exploring Computer Science, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering. AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science.

¹⁰The 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*. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the art requirement for students.

¹¹ 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.

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

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 or sophomore year with the remaining semester taught in junior or senior year
- d. $\frac{1}{4}$ Carnegie unit per year beginning with the freshman year

¹²Additional 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
- 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 an 80 or above (in senior year) or on the SAT as defined by IHL
- 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

¹³Additional 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

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

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

¹Carnegie 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.

²Carnegie 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. 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 or Architectural Drafting Application. 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.

³For 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 (which may be taken for a Carnegie unit in 8th grade), 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, 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 Core II or 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) may be earned by completing Agriculture and Natural Resources I & II. 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.

⁴Based 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.

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

⁵Carnegie units 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.

⁶The 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.

⁷The 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.

⁸Carnegie credit earned in Healthcare & Clinical Services I, or Health Sciences Core 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.

⁹The following courses meet the Carnegie units requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Technology Foundations, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Exploring Computer Science, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering. AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science.

¹⁰The 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*. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the art requirement for students.

¹¹ 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.

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

*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 or sophomore year with the remaining semester taught in junior or senior year
- d. $\frac{1}{4}$ Carnegie unit per year beginning with the freshman year

¹²Additional 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
- Earn national college readiness benchmarks on each subtest established by ACT of 18 in English and 22 in Math or SAT equivalent subscore as defined by IHL.
- 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 C or higher and take the appropriate exam
 - One (1) dual credit course earning a B or higher in the course

¹³Additional 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

¹⁴Courses 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 each of the required high school alternate assessments, is eligible to receive an Alternate 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.

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS	GENERAL EDUCATION COURSE SUBSTITUTION
ENGLISH	4 ¹	Alternate English I	• CCR English I
		Alternate English II	• CCR English II
		Alternate English III Alternate English IV	• CCR English III • CCR English IV • Broadcast Journalism • Debate • Foundations of Journalism • Mississippi Writers • Oral Communications • Print Journalism • Survey of African American Writing • Technical and Workplace Writing • World Literature

APPENDIX A-10 (Continued)
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.

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

APPENDIX A-10 (Continued)
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.

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

¹Carnegie 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.

²Carnegie 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.

³Carnegie units earned in Healthcare & Clinical Services I, or Health Sciences Core 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 in JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet graduation requirement for one-half ($\frac{1}{2}$) Carnegie unit in Health.

⁴The 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

APPENDIX A-10 (Continued)
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.

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.

⁵Evidence 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.

⁶The 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*. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the art requirement for students.

**APPENDIX A-11
GRADUATION REQUIREMENTS
STANDARD 14
Certificate of Completion**

Note: This option shall be offered by districts for incoming freshmen beginning in school year 2018-2019 and thereafter.

A Certificate of Completion is not a high school diploma or an Alternate Diploma, but rather an acknowledgement of the student's participation in and completion of his/her Individualized Education Program (IEP). Students eligible to receive a Certificate of Completion must fall into one (1) the following categories:

1. Students without a Significant Cognitive Disability at the end of 8th grade who:
 - Are 16 years old or older; AND
 - At least three (3) or more grade levels below their peers in reading and math; AND
 - Have a signed statement from the parent acknowledging the Certificate of Completion is not a traditional high school diploma and will not meet the requirements for entry into careers or post-secondary opportunities requiring a diploma.
2. Students without a Significant Cognitive Disability who have not yet turned sixteen (16) by the end of the eighth grade should transition to the ninth grade on a diploma path.
3. Students with a Significant Cognitive Disability at the end of 8th grade who:
 - Have extremely limited or no receptive and expressive communication skills AND
 - Have a signed statement from the parent acknowledging the Certificate of Completion is not a traditional high school diploma and will not meet the requirements for entry into careers or post-secondary opportunities requiring a diploma.
4. Students with or without a Significant Cognitive Disability at the end of their third year of high school (6 semesters) who:
 - Have not earned at minimum of 3 English units, 3 math units, 2 science units, 2 social studies units, and 5 electives; AND
 - Have a signed statement from the parent acknowledging the Certificate of Completion is not a traditional high school diploma and will not meet the requirements for entry into careers or post-secondary opportunities requiring a diploma; AND
 - Have evidence of 3 or more years of intensive intervention implemented in middle and/or high school to earn Carnegie units. Evidence may include, but is not limited to:
 - Progress monitoring data from reading intervention programs or math intervention programs
 - Documentation of accommodations and modifications provided in the general education courses and assessments
 - Course schedules outlining dedicated time for intervention.

The student's IEP committee determines the course of study for the Certificate of Completion. Areas of instruction should be developed based on the unique needs of the individual student. Course work shall be appropriate for the student and may include:

- Intensive remediation in deficit area skills
- Career preparation courses
- Life skills courses

Students earning the Certificate of Completion must have completed at least four (4) years of high school and/or be at least 19 years of age at the time of graduation.

All students are required to participate in the Mississippi statewide assessment program deemed appropriate by their IEP Committee.

APPENDIX B-1
REQUIRED COURSES IN THE CURRICULUM OF EACH SECONDARY SCHOOL
STANDARD 26
Effective Beginning School Year 2014-2015
(Ending in School Year 2020-2021)

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
ENGLISH	English I English II English III English IV Essentials for College Literacy	1 1 1 1 1	5
MATHEMATICS	Algebra I Geometry Algebra II Essentials for College Math Elective Mathematics Courses	1 1 1 1 1	5
SCIENCE	Biology I Chemistry Physics ¹ Elective Science Courses ²	1 1 1 3 ²	6
SOCIAL STUDIES	U.S. History U.S. Government Mississippi Studies World History Economics Intro to Geography	1 ½ ½ 1 ½ ½	4
TECHNOLOGY OR COMPUTER SCIENCE	Any one (1) credit from the following: Technology Foundations; Information and Communication Technology (ICT) II; Science, Technology, Engineering, and Mathematics (STEM); or ½ Keyboarding and ½ Computer Applications; Keystone; Information and Communication Technology; Project Lead the Way (PLTW) Computer Science Essentials; PLTW Introduction to Computer Science; PLTW Introduction to Engineering; Exploring Computer Science; Cyber Foundations I; Cyber Foundations II; Computer Science & Engineering; AP Computer Science Principles	1	1

APPENDIX B-1 (continued)
REQUIRED COURSES IN THE CURRICULUM OF EACH SECONDARY SCHOOL
STANDARD 26

Effective Beginning School Year 2014-2015
(Ending in School Year 2020-2021)

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
HEALTH/PHYSICAL EDUCATION	Contemporary Health Physical Education	$\frac{1}{2}$ $\frac{1}{2}$	1
THE ARTS	Any approved Arts course	1	1
FAMILY & CONSUMER SCIENCE	Family Dynamics	$\frac{1}{2}$	$\frac{1}{2}$
CAREER & TECHNICAL	Any combination of courses	4	4
ADVANCED PLACEMENT ^{5, 6}	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 English Language Arts AP Course in Social Studies	 1 ^{5, 6} 1 ^{5, 6} 1 ^{5, 6} 1 ^{5, 6}	4
ELECTIVES	World Language (IHL) <i>or</i> Advanced World Geography (IHL) Any other Elective	1 $\frac{1}{2}$	1 $\frac{1}{2}$
TOTAL UNITS REQUIRED			33 $\frac{1}{2}$

¹Includes Physics, AP Physics B, AP Physics C—Electricity and Magnetism, and AP Physics C—Mechanics and AP Physics courses listed by the current official College Board AP website.

²Two (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.

³One-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.

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

⁵A school offering the International Baccalaureate Diploma Program and Cambridge (AICE) is exempt.

⁶Distance learning, approved on-line vendor courses, or approved Mississippi Online Course Approval (MOCA) courses may be used as an appropriate alternative for the delivery of these required Advanced Placement (AP) courses.

APPENDIX B-2

APPENDIX B-2
REQUIRED COURSES IN THE CURRICULUM OF EACH SECONDARY SCHOOL
STANDARD 26
Effective Beginning in School Year 2021-2022

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
ENGLISH	English I English II English III English IV Essentials for College Literacy	1 1 1 1 1	5
MATHEMATICS	Algebra I Geometry Algebra II Essentials for College Math Elective Mathematics Courses	1 1 1 1 1	5
SCIENCE	Biology Chemistry Physics Elective Science Courses ¹	1 1 1 3	6
SOCIAL STUDIES	U.S. History U.S. Government Mississippi Studies World History Economics	1 $\frac{1}{2}$ $\frac{1}{2}$ 1 $\frac{1}{2}$	$3\frac{1}{2}$
TECHNOLOGY OR COMPUTER SCIENCE	Any one (1) credit from the following courses: Science, Technology, Engineering, and Mathematics (STEM); Project Lead the Way (PLTW) Computer Science Essentials; PLTW Introduction to Computer Science; PLTW Introduction to Engineering; Exploring Computer Science; Cyber Foundations I; Cyber Foundations II; AP Computer Science Principles; Information and Communication Technology (ICT) II	1	1
HEALTH/PHYSICAL EDUCATION	Contemporary Health Physical Education	$\frac{1}{2}$ $\frac{1}{2}$	1
THE ARTS ²	Any approved Arts course	1	1
COLLEGE AND CAREER READINESS ³	College and Career Readiness	1	1
CAREER & TECHNICAL	Any combination of CTE courses	4	4

APPENDIX B-2
REQUIRED COURSES IN THE CURRICULUM OF EACH SECONDARY SCHOOL
STANDARD 26
Effective Beginning in School Year 2021-2022

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
ADVANCED PLACEMENT COURSES ⁴	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 English Language Arts AP Course in Social Studies	4	4
ELECTIVES	Any other Advanced Elective defined by the IHL College Preparatory Curriculum, as noted in Appendix C	2	2
TOTAL UNITS REQUIRED		33 ½	33½

¹Two (2) of the three (3) elective science units may be offered through the following courses: Concepts of Agriscience; Science of Agricultural Plants; Science of Agricultural Animals; Science of Agricultural Environment; Aquaculture; Healthcare & Clinical Services I & II; Forestry I & II; Horticulture I & II; Agriculture and Natural Resources I & II; or Robotics/Engineering I & II.

²The 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*. Digital Media I & II or Theory and Application of Digital Media I & II may be accepted in lieu of the art requirement for students.

³The 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 or sophomore year with the remaining semester taught in junior or senior year
- d. ¼ Carnegie Unit per year beginning with the freshman year

⁴A school offering the International Baccalaureate Diploma Program and Cambridge (AICE) is exempt. Distance learning approved on-line vendor courses, or approved Mississippi Online Course Approval (MOCA) courses may be used as an appropriate alternative for the delivery of these required Advanced Placement (AP) courses.