

OFFICE OF CHIEF ACCOUNTABILITY OFFICER
Summary of the State Board of Education Agenda Item
Consent Agenda
July 18, 2019

OFFICE OF ACCREDITATION
OFFICE OF SECONDARY EDUCATION

- C. Approval to begin the Administrative Procedures Act process: 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

Background Information: Miss. 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 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) met and voted unanimously 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, Process Standard 26 and Appendices A and B of the *Mississippi Public School Accountability Standards, 2019* during a regularly scheduled meeting on Thursday, June 6, 2019.

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*.

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.

Chapter 28: Curriculum

Rule 28.3 Access to a Substantive and Rigorous Curriculum Policy

1. 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.
2. ~~Beginning with the 2007-2008 school year, All high schools must offer at least one (1) Advanced Placement (AP) accelerated course in each of the four (4) core areas (mathematics, science, language arts, and social studies) as specified in Appendix B of the current Mississippi Public School Accountability Standards manual.~~ Distance learning or the Mississippi Department of Education's Mississippi Virtual Public School may be used as an appropriate alternative for the delivery of AP courses. Any public high school implementing innovative programs authorized by the State Board of Education is exempt from Part II of this policy.
3. ~~All school districts may offer Pre-Advanced Placement (Pre-AP) courses in each of the four (4) core areas (mathematics, science, language arts, and social studies). Pre-AP course means a middle, junior high and/or high school level course that specifically prepares students to enroll and participate in an AP course. Beginning with the 2007-2008 school year, if Pre-AP courses are offered, the school district must submit a Pre-Advanced Placement Program Proposal to the Mississippi Department of Education's Office of Curriculum and Instruction. The proposal must indicate the Pre-AP courses that will be offered and the College Board training that the Pre-AP teachers will obtain in order to teach the Pre-AP courses. The proposal must also indicate the process for identifying students for Pre-AP courses. Each teacher planning to teach a Pre-AP course must have completed the College Board's Pre-AP Summer Institute, Vertical Teams Training, the Pre-AP Workshop, or other training specifically designed for Pre-AP teachers. The district is responsible for providing documentation (when requested) of participation in the Pre-AP training. The Pre-AP Program Proposal will be approved for a period of five years. Whenever a district makes changes to the Pre-AP Program, the district shall submit a new Pre-AP Program Proposal Form to the Mississippi Department of Education's Office of Curriculum and Instruction for approval prior to implementing changes. Any public high school implementing innovative programs authorized by the State Board of Education is exempt from Part III of this policy.~~
4. ~~Subject to appropriation, funding shall be made available so that all sophomores in Mississippi's public schools may take an examination (Preliminary Scholastic Assessment Test (PSAT) or ACT PLAN Assessment) that measures the students' ability to succeed in an~~

AP course. The examination results should be used to identify students who were not recognized during middle school as students who would benefit from taking AP courses.

5. ~~3. Beginning with the 2007-2008 school year, All AP teachers must meet endorsement guidelines in the current Mississippi *Guidelines for Licensure K-12*. each teacher planning to teach any AP course must have completed the College Board endorsed AP Summer Institute (APSI) for the course and must have obtained the AP certification through the Mississippi Department of Education's Office of Educator Licensure. Documentation showing completion of the College Board APSI is required. Teachers with the AP certification must comply with Licensure renewal guidelines. AP teachers must complete the AP Summer Institute (APSI) at least every five years, which can be used for licensure renewal if completed during the validity period.~~ Teachers in districts implementing innovative programs authorized by the State Board of Education must have completed a district or program-specific training or other training specifically designed for teachers of innovative programs authorized by the State Board of Education.

~~Exception: Teachers who have served with Educational Testing Service as readers for the AP exam(s) may have the initial training waived and will automatically earn the AP certification if the appropriate documentation is provided. These teachers should complete the APSI at least every five years or serve as a reader for the AP exam(s) at least every five years.~~

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

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 ~~Appendices Appendix B and C~~) (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)

**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 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* Manual. Enrollment in online courses listed in this book 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

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. 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. 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.

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, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. Effective with school year 2013-14, 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 2013-14, 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

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, Health Sciences I, or Theory and Application of Health Sciences I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health.

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 and 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media may be accepted in lieu of the art requirement for students.

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

APPENDIX A-2

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 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* Manual. 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, 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 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 for 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 (Continued)
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. At least two (2) of the four (4) required mathematics Carnegie units must be earned in a course higher than the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 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.

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, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Science, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. Effective with school year 2013-2014, up to two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. Effective with eighth graders of school year 2013-2014, Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit.

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 (Continued)
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, Health Sciences I, or Theory and Application of Health Sciences I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health.

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, ~~and~~ AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, ~~and~~ Computer Science and 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media may be accepted in lieu of the art requirement for students.

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

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

In 2010, Mississippi state policymakers passed legislation to create multiple pathways to a standard diploma. The 2010 legislative actions created a career pathway to a standard diploma, with the goal of improving Mississippi graduation rates and providing students with career and technical training that prepares students for postsecondary credential or certification programs and employable workplace skills. This legislative change created Miss. Code Ann. § 37-16-17, as amended, to provide for high school career option programs and career track curricula for students not wishing to pursue a baccalaureate degree.

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 ¹	English I English II
MATHEMATICS	3 ²	Algebra I
SCIENCE	3 ³	Biology I
SOCIAL STUDIES	3 ^{4&5}	1 U.S. History ½ U.S. Government ½ Mississippi Studies
HEALTH or PHYSICAL EDUCATION	½ ⁶	½ Contemporary Health or ½ Physical Education ¹⁰
CAREER and TECHNICAL	4 ⁷	(Selected from Student's Program of Study)
TECHNOLOGY or COMPUTER SCIENCE	1 ⁸	
ELECTIVES	2½ ⁹	Courses selected from the student's approved program of study
TOTAL UNITS REQUIRED	21	

NOTE: Mississippi's Institutions of Higher Learning requirements differ from minimum graduation requirements for this diploma pathway.

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

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 only be taken 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 score for English II. English I cannot be taken after a student completes English II. The two (2) additional English credits must be from the student's program of study which includes Technical Writing, Creative Writing, English III, English IV, or any college-level dual credit courses.

²Carnegie units earned for Compensatory Mathematics courses cannot be included in the three (3) mathematics 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 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. For students pursuing the Career Pathway Graduation Option, at least one (1) of the required mathematics Carnegie units must be earned in a course higher than Algebra I and selected from the student's program of study. Foundations of Algebra shall only be available for ninth grade students.

³For students pursuing the Career Pathway Graduation Option, at least one (1) of the required science Carnegie units must be earned in a course higher than Biology I and selected from the student's program of study for science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience (AEST) or Introduction to Agriscience, and a second science unit may be earned by completing a two-course sequence selected from the following options: Science of Agricultural Animals, Science of Agricultural Plants, or Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the two-course sequence: Healthcare & Clinical Services I & II, Health Science I & II; Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II; Aquaculture I & II; Forestry I & II; Horticulture I & II; Polymer Science I & II; and Engineering I & II. Effective with school year 2013-14, up to two (2) of the three (3) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. Effective with eighth graders of school year 2013-14, Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit.

⁴AP U.S. History or DC United States History II may be accepted in lieu of the required U.S. History Post-reconstruction to Present. 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. 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. 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. The third social studies credit should be selected based on the student's program of study.

⁵The 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 ($\frac{1}{2}$) unit social studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other one-half ($\frac{1}{2}$) unit social studies course. Credit earned for Business Fundamentals or Business Fundamentals II may be accepted in lieu of one-half ($\frac{1}{2}$) unit in Economics.

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

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

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

⁸Evidence of proficiency in technology is accepted in lieu of the required courses if the student earns one (1) unit in a technology-rich academic or career technical course related to their program of study. The following courses meet the Carnegie unit requirement for Technology 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 and Engineering.

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

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

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

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-6

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* Manual. Enrollment in online courses listed in this book 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 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 I
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}	

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.

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, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

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

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

⁹The 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 and Engineering.

¹⁰**The 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media may be accepted in lieu of the art requirement for students.**

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

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

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

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 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

APPENDIX A-7

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

Each student graduating from a secondary school in an accredited school district will have earned the required Carnegie units as specified in the following table. Contents of each required and elective course must include the core objectives identified in the *Mississippi College- and Career-Readiness Standards*. Course titles and identification numbers must appear in the current edition of the *Approved Courses for Secondary Schools of Mississippi*. (See Miss. Admin. Code 7-3: 28.2 and 28.3, State Board Policy, Chapter 28, Rules 28.2 and 28.3.) Students enrolled in grades 7 – 12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of the *Approved Courses for the Secondary Schools of Mississippi* Manual. Enrollment in online courses listed in this book 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 I
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}	

APPENDIX A-7 (Continued)
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.

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, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

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 (½) unit in Economics. A.P. Macroeconomics or A.P. Microeconomics can be taken in lieu of the required Economics course.

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

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

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

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

¹⁰The 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media may be accepted in lieu of the art requirement for students.

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

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

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 CTE dual credit
 - A Career Pathway Experience
 - Earn a State Board of Education approved national credential

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

APPENDIX A-8

**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 book 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 Manual*.

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 additional English Courses above English II
MATHEMATICS	4 ²	Algebra I Two additional Math Courses above Algebra I
SCIENCE	3 ³	Biology I Two additional science courses above Biology I
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}	

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.

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, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

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 (½) 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 ($\frac{1}{2}$) unit social studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other one-half ($\frac{1}{2}$) unit social studies course. IB-DP History of the Americas II is accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program.

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

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

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

¹⁰The 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media may be accepted in lieu of the art requirement for students.

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

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

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

- Earn an overall GPA of 2.5
- Courses must meet MS IHL college preparatory curriculum (CPC) requirements
- Earn MS college readiness benchmarks (ACT sub scores of 17 in English and 19 in Math or completion of appropriate Essentials of College Math or Essentials of College Literacy with an 80 or above (in senior year) or on the SAT as defined by IHL
- Must successfully complete **one (1)** of the following:
 - One AP course with a C or higher and take the appropriate AP exam
 - One Diploma Program-IB course with a C or higher and take the appropriate IB exams
 - One 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

APPENDIX A-9

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 book 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 Manual*.

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 additional English Courses above English II
MATHEMATICS	4 ²	Algebra I Two additional Math Courses above Algebra I
SCIENCE	4 ³	Biology I Two additional science courses above Biology I
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}	

APPENDIX A-9 (Continued)
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.

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, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

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

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

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

¹⁰The 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media may be accepted in lieu of the art requirement for students.

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

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

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

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

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

APPENDIX B

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	1	5
	English II	1	
	English III	1	
	English IV	1	
	Essentials for College Literacy	1	
MATHEMATICS	Algebra I	1	5
	Geometry	1	
	Algebra II	1	
	Essentials for College Math	1	
	Elective Mathematics Courses	1	
SCIENCE	Biology I	1	6
	Chemistry	1	
	Physics ¹	1	
	Elective Science Courses ²¹	3 ²¹	
SOCIAL STUDIES	U.S. History	1	4
	U.S. Government	½	
	Mississippi Studies	½	
	World History	1	
	Economics	½	
	Intro to Geography	½	
TECHNOLOGY OR COMPUTER SCIENCE	Any one 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;	1	1

	Computer Science and Engineering; AP Computer Science Principles		
HEALTH/PHYSICAL EDUCATION	Contemporary Health Physical Education	$\frac{1}{2}$ $\frac{1}{2}$	1
THE ARTS ²	Any approved 500,000 course	1	1
FAMILY & CONSUMER SCIENCE	Family Dynamics	$\frac{1}{2}$	$\frac{1}{2}$
CAREER & TECHNICAL	Any combination of CTE courses ⁴	4 ⁴	4
ADVANCED PLACEMENT ⁵⁻⁶ ACCELERATED COURSES ³	At least one (1) advanced placement accelerated 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	Foreign World Language (IHL) or Advanced World Geography (IHL) Any other Elective	1 $\frac{1}{4}$ 1	$\frac{1}{4}$ 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.

⁵The 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section.

⁶Accelerated courses include Advanced Placement (AP), Cambridge Advanced International Certificate of Education (AICE), International Baccalaureate Diploma Program (IB), and dual credit courses listed with the prefixes BIO, CHE, ELA, HIS, and MAT in Appendix V of the current *Procedures Manual for the State of Mississippi Dual Enrollment and Accelerated Programs* document.

⁷A school offering the International Baccalaureate program is exempted.

⁸Distance learning, approved on-line vendor courses, or approved MS Virtual Public School courses may be used as an appropriate alternative for the delivery of these required Advanced Placement (AP) courses.

APPENDIX B-1

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 I 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 credit from the following: Technology Foundations; Information and Communication Technology (ICT) II; 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	1	1
HEALTH/PHYSICAL EDUCATION	Contemporary Health Physical Education	$\frac{1}{2}$ $\frac{1}{2}$	1
THE ARTS ²	Any approved course	1	1
COLLEGE AND CAREER READINESS	College and Career Readiness	1	1
CAREER & TECHNICAL	Any combination of CTE courses	4	4
ACCELERATED COURSES ³	At least one (1) accelerated course in each of the four (4) core areas;	4	4

	mathematics, science, English language arts, and history		
ELECTIVES	Any other Advanced Elective defined by the IHL College Preparatory Curriculum, as noted in Appendix C	2	2
TOTAL UNITS REQUIRED			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 reference the current *Approved Courses for the Secondary Schools of Mississippi* manual's Arts section or the Mississippi Online Course Approval (MOCA) section.

³Accelerated courses include Advanced Placement (AP), Cambridge Advanced International Certificate of Education (AICE), International Baccalaureate Diploma Program (IB), and dual credit courses listed with the prefixes BIO, CHE, ELA, HIS, and MAT in Appendix V of the current *Procedures Manual for the State of Mississippi Dual Enrollment and Accelerated Programs* document.

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.) ~~and college entrance requirements as listed in Appendix C,~~ (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)

Chapter 28: Curriculum

Rule 28.3 Access to a Substantive and Rigorous Curriculum Policy

1. 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.
2. All high schools must offer at least one (1) accelerated course in each of the four (4) core areas (mathematics, science, language arts, and social studies) as specified in Appendix B of the current Mississippi Public School Accountability Standards manual. Distance learning or the Mississippi Department of Education's Mississippi Virtual Public School may be used as an appropriate alternative for the delivery of AP courses. Any public high school implementing innovative programs authorized by the State Board of Education is exempt from Part II of this policy.
3. All AP teachers must meet endorsement guidelines in the current Mississippi *Guidelines for Licensure K-12*. Teachers in districts implementing innovative programs authorized by the State Board of Education must have completed a district or program- specific training or other training specifically designed for teachers of innovative programs authorized by the State Board of Education.

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

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}

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

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* Manual. Enrollment in online courses listed in this book 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	3 ⁴⁸⁶	1 World History ⁴ 1 U.S. History ⁴ ½ U.S. Government ⁴ ½ Mississippi Studies ⁶
HEALTH	½ ⁷⁸⁸	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

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. 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. 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.

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, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. Effective with school year 2013-14, 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 2013-14, 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

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, Health Sciences I, or Theory and Application of Health Sciences I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health.

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, 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, AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, and Computer Science and 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media may be accepted in lieu of the art requirement for students.

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

APPENDIX A-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 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* Manual. 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, 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 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 for 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 (Continued)
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. At least two (2) of the four (4) required mathematics Carnegie units must be earned in a course higher than the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 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.

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, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Science, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. Effective with school year 2013-2014, up to two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. Effective with eighth graders of school year 2013-2014, Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit.

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 (Continued)
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, Health Sciences I, or Theory and Application of Health Sciences I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health.

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, 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, AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, and Computer Science and 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media may be accepted in lieu of the art requirement for students.

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

APPENDIX A-3

**GRADUATION REQUIREMENTS
STANDARD 14
CAREER PATHWAY OPTION
SENIORS OF SCHOOL YEAR 2011-2012**

(Entering eleventh graders 2010-2011 ending with incoming ninth graders in 2016-2017)

In 2010, Mississippi state policymakers passed legislation to create multiple pathways to a standard diploma. The 2010 legislative actions created a career pathway to a standard diploma, with the goal of improving Mississippi graduation rates and providing students with career and technical training that prepares students for postsecondary credential or certification programs and employable workplace skills. This legislative change created Miss. Code Ann. § 37-16-17, as amended, to provide for high school career option programs and career track curricula for students not wishing to pursue a baccalaureate degree.

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4¹	English I English II
MATHEMATICS	3²	Algebra I
SCIENCE	3³	Biology I
SOCIAL STUDIES	3^{4&5}	1 U.S. History ½ U.S. Government ½ Mississippi Studies
HEALTH or PHYSICAL EDUCATION	½⁶	½ Contemporary Health or ½ Physical Education¹⁰
CAREER and TECHNICAL	4⁷	(Selected from Student's Program of Study)
TECHNOLOGY or COMPUTER SCIENCE	1⁸	
ELECTIVES	2½⁹	Courses selected from the student's approved program of study
TOTAL UNITS REQUIRED	21	

NOTE: Mississippi's Institutions of Higher Learning requirements differ from minimum graduation requirements for this diploma pathway.

APPENDIX A-3 (Continued)
GRADUATION REQUIREMENTS
STANDARD 14

CAREER PATHWAY OPTION
SENIORS OF SCHOOL YEAR 2011-2012

(Entering eleventh graders 2010-2011 ending with incoming ninth graders in 2016-2017)

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 only be taken 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 score for English II. English I cannot be taken after a student completes English II. The two (2) additional English credits must be from the student's program of study which includes Technical Writing, Creative Writing, English III, English IV, or any college-level dual credit courses.

²Carnegie units earned for Compensatory Mathematics courses cannot be included in the three (3) mathematics 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 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. For students pursuing the Career Pathway Graduation Option, at least one (1) of the required mathematics Carnegie units must be earned in a course higher than Algebra I and selected from the student's program of study. Foundations of Algebra shall only be available for ninth grade students.

³For students pursuing the Career Pathway Graduation Option, at least one (1) of the required science Carnegie units must be earned in a course higher than Biology I and selected from the student's program of study for science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience (AEST) or Introduction to Agriscience, and a second science unit may be earned by completing a two-course sequence selected from the following options: Science of Agricultural Animals, Science of Agricultural Plants, or Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the two-course sequence: Healthcare & Clinical Services I & II, Health Science I & II; Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II; Aquaculture I & II; Forestry I & II; Horticulture I & II; Polymer Science I & II; and Engineering I & II. Effective with school year 2013-14, up to two (2) of the three (3) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. Effective with eighth graders of school year 2013-14, Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit.

⁴AP U.S. History or DC United States History II may be accepted in lieu of the required U.S. History Post-reconstruction to Present. 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. 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. 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. The third social studies credit should be selected based on the student's program of study.

⁵The 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 ($\frac{1}{2}$) unit social studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other one-half ($\frac{1}{2}$) unit social studies course. Credit earned for Business Fundamentals or Business Fundamentals II may be accepted in lieu of one-half ($\frac{1}{2}$) unit in Economics.

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

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

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

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

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

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

APPENDIX A-4

**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 book 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 Chart for Innovative Programs - Authorized by the State Board of Education

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-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* Manual. Enrollment in online courses listed in this book 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 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 I
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}	

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.

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, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

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

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

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, AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, and Computer Science and Engineering.

¹⁰The 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media may be accepted in lieu of the art requirement for students.

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

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

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

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 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

APPENDIX A-7

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

Each student graduating from a secondary school in an accredited school district will have earned the required Carnegie units as specified in the following table. Contents of each required and elective course must include the core objectives identified in the *Mississippi College- and Career-Readiness Standards*. Course titles and identification numbers must appear in the current edition of the *Approved Courses for Secondary Schools of Mississippi*. (See Miss. Admin. Code 7-3: 28.2 and 28.3, State Board Policy, Chapter 28, Rules 28.2 and 28.3.) Students enrolled in grades 7 – 12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of the *Approved Courses for the Secondary Schools of Mississippi* Manual. Enrollment in online courses listed in this book 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 I
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}	

APPENDIX A-7 (Continued)
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.

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, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

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 (½) unit in Economics. A.P. Macroeconomics or A.P. Microeconomics can be taken in lieu of the required Economics course.

APPENDIX A-7 (Continued)
GRADUATION REQUIREMENTS
STANDARD 14

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

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

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

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, Information & Communication Technology, 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, AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, and Computer Science and Engineering.

¹⁰The 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media may be accepted in lieu of the art requirement for students.

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

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

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 CTE dual credit
 - A Career Pathway Experience
 - Earn a State Board of Education approved national credential

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

APPENDIX A-8

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 book 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 Manual*.

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 additional English Courses above English II
MATHEMATICS	4 ²	Algebra I Two additional Math Courses above Algebra I
SCIENCE	3 ³	Biology I Two additional science courses above Biology I
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}	

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.

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, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

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

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

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, AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, and Computer Science and Engineering.

¹⁰The 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media may be accepted in lieu of the art requirement for students.

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

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

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

- Earn an overall GPA of 2.5
- Courses must meet MS IHL college preparatory curriculum (CPC) requirements
- Earn MS college readiness benchmarks (ACT sub scores of 17 in English and 19 in Math or completion of appropriate Essentials of College Math or Essentials of College Literacy with an 80 or above (in senior year) or on the SAT as defined by IHL
- Must successfully complete **one (1)** of the following:
 - One AP course with a C or higher and take the appropriate AP exam
 - One Diploma Program-IB course with a C or higher and take the appropriate IB exams
 - One 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

APPENDIX A-9

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 book 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 Manual*.

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 additional English Courses above English II
MATHEMATICS	4 ²	Algebra I Two additional Math Courses above Algebra I
SCIENCE	4 ³	Biology I Two additional science courses above Biology I
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}	

APPENDIX A-9 (Continued)
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.

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, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

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

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

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, AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, and Computer Science and Engineering.

¹⁰The 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section. Digital Media may be accepted in lieu of the art requirement for students.

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

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

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

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

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

APPENDIX B

**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	1	5
	English II	1	
	English III	1	
	English IV	1	
	Essentials for College Literacy	1	
MATHEMATICS	Algebra I	1	5
	Geometry	1	
	Algebra II	1	
	Essentials for College Math	1	
	Elective Mathematics Courses	1	
SCIENCE	Biology I	1	6
	Chemistry	1	
	Physics	1	
	Elective Science Courses ¹	3 ¹	
SOCIAL STUDIES	U.S. History	1	4
	U.S. Government	½	
	Mississippi Studies	½	
	World History	1	
	Economics	½	
	Intro to Geography	½	
TECHNOLOGY OR COMPUTER SCIENCE	Any one credit from the following: Technology Foundations; Information and Communication Technology (ICT) II; Science, Technology, Engineering, and Mathematics (STEM); Keystone; 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;	1	1

	Computer Science and Engineering; AP Computer Science Principles		
HEALTH/PHYSICAL EDUCATION	Contemporary Health	½	
	Physical Education	½	1
THE ARTS ²	Any approved course	1	1
FAMILY & CONSUMER SCIENCE	Family Dynamics	½	½
CAREER & TECHNICAL	Any combination of CTE courses ³	4	4
ACCELERATED COURSES ³	At least one (1) accelerated course in each of the four (4) core areas. Mathematics Science English Language Arts Social Studies	1 1 1 1	4
ELECTIVES	World Language (IHL) <i>or</i> Advanced World Geography (IHL) Any other Elective	1 1	2
TOTAL UNITS REQUIRED			33½

¹Two (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.

²The 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* manual's Arts section or the Mississippi Online Course Approval (MOCA) section.

³Accelerated courses include Advanced Placement (AP), Cambridge Advanced International Certificate of Education (AICE), International Baccalaureate Diploma Program (IB), and dual credit courses listed with the prefixes BIO, CHE, ELA, HIS, and MAT in Appendix V of the current *Procedures Manual for the State of Mississippi Dual Enrollment and Accelerated Programs* document.

APPENDIX B-1

**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 I 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 credit from the following: Technology Foundations; Information and Communication Technology (ICT) II; 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	1	1
HEALTH/PHYSICAL EDUCATION	Contemporary Health Physical Education	$\frac{1}{2}$ $\frac{1}{2}$	1
THE ARTS ²	Any approved course	1	1
COLLEGE AND CAREER READINESS	College and Career Readiness	1	1
CAREER & TECHNICAL	Any combination of CTE courses	4	4
ACCELERATED COURSES ³	At least one (1) accelerated course in each of the four (4) core areas;	4	4

	mathematics, science, English language arts, and history		
ELECTIVES	Any other Advanced Elective defined by the IHL College Preparatory Curriculum, as noted in Appendix C	2	2
TOTAL UNITS REQUIRED			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 reference the current *Approved Courses for the Secondary Schools of Mississippi* manual's Arts section or the Mississippi Online Course Approval (MOCA) section.

³Accelerated courses include Advanced Placement (AP), Cambridge Advanced International Certificate of Education (AICE), International Baccalaureate Diploma Program (IB), and dual credit courses listed with the prefixes BIO, CHE, ELA, HIS, and MAT in Appendix V of the current *Procedures Manual for the State of Mississippi Dual Enrollment and Accelerated Programs* document.

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)