

OFFICE OF CHIEF ACADEMIC OFFICER
Summary of State Board of Education Agenda Items
Consent Agenda
June 16, 2022

OFFICE OF ACADEMIC EDUCATION
OFFICE OF ACREDITATION

- G. Approval to begin the Administrative Procedures Act process: To revise Miss. Admin. Code 7-24: *Mississippi Public School Accountability Standards, 2022, Appendix A-6 – A-10, A-12, and C-2* and Miss. Admin. Code 7-163: *Mississippi Nonpublic School Accountability Standards, 2022, Appendix A-6 – A-10, A-12, and C-2*

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

The proposed revision to the policy modifies the requirements for early release, clarifies the Alternative Diploma, updates the CTE course substitutions, and deletes the freshman admission requirements for university system institutions.

The Commission on School Accreditation (CSA) met in its regular scheduled meeting on June 2, 2022. The Commission considered the proposed revision and voted to recommend the revision to the State Board of Education (SBE) on June 16, 2022, to begin the Administrative Procedures Act process.

Recommendation: Approval

Back-up material attached

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

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

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

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

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

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

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

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.

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

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

⁷The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral,

Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

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

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

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

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

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

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

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

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

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

- Students must identify an endorsement area prior to entering 9th grade. Endorsement requirements can only be changed with parental permission this includes dropping the endorsement to earn only the Traditional diploma.
- For early release, students must meet College- and Career-Readiness benchmarks of 17 in English and 19 in Math on the ACT sub-score OR earn a Silver level on the ACT WorkKeys suite of assessments. For seniors that have not meet the benchmarks, to qualify for early release (work release) students must meet the following requirements:
 - Have a GPA of 2.5 and have passed or meet the assessment option requirements for all four end-of-course assessments
 - AND**
 - Are on track to meet the diploma requirements
 - AND**
 - Are concurrently enrolled in the appropriate SREB Essentials for College Math or another mathematics course above their Junior year mathematics course and/or Essentials for College Literacy or another English Language Arts course above their Junior level English Language Arts course.

OR

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

AND

- Are on track to meet the diploma requirements

AND

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

¹³ Additional recommendations (not requirements) above the 24 Carnegie units and assessment requirements include:

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

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

APPENDIX A-7

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

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

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

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4¹	English I English II
MATHEMATICS	4²	Algebra I
SCIENCE	3³	Biology
SOCIAL STUDIES	3½	1 World History⁴ 1 U.S. History⁴ ½ U.S. Government⁴ ½ Economics⁵ ½ Mississippi Studies⁶
PHYSICAL EDUCATION	½⁷	½ Physical Education
HEALTH	½⁸	½ Contemporary Health
TECHNOLOGY or COMPUTER SCIENCE	1⁹	
THE ARTS	1¹⁰	
COLLEGE- AND CAREER-READINESS	1¹¹	
CAREER and TECHNICAL	4	
ELECTIVES	3½	
TOTAL UNITS REQUIRED	26^{12, 13, 14}	

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

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

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.

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

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

⁷The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that

are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

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

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

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

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

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

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

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

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

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

- Earn an overall GPA of 2.5
- Earn silver level on ACT WorkKeys
- Must successfully complete one(1) of the following:
 - One (1) dual credit or earned articulated credit in the high school CTE course
 - Workbased Learning
 - Earn a State Board of Education approved national credential
 - One (1) AP, Diploma Program-IB, or Cambridge (AICE) course aligned to their career pathway. Students must earn a C or higher and take the appropriate exam.

¹³Additional recommendations (not requirements) above 26 Carnegie Units and assessment requirements include:

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

¹⁴Courses designed using the Mississippi Alternate Academic Achievement Standards (MS AAAS) shall not be used as

substitute courses or electives for students obtaining a traditional academic diploma with or without endorsements.

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

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

Any student who completes the minimum graduation requirements as specified below and has met requirements for each of the required high school assessments is eligible to receive a high school diploma. Students enrolled in grades 7 – 12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of *the Approved Courses for the Secondary Schools of Mississippi*.

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 ¹	English I English II Two (2) additional English Courses above EnglishII
MATHEMATICS	4 ²	Algebra I Two (2) additional Math Courses above Algebra I
SCIENCE	3 ³	Biology Two (2) additional science courses above Biology
SOCIALSTUDIES	3½	1 World History ⁴ 1 U.S. History ⁴ ½ U.S. Government ⁴ ½Economics ⁵ ½ Mississippi Studies ⁶
PHYSICALEDUCATION	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 theCollege Preparatory Curriculum requirements (See Appendix C.)
TOTAL UNITSREQUIRED	26 ^{12, 13, 14}	

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

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

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.

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

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, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education

including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

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

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

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

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

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

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

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

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

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

- Earn an overall GPA of 2.5
- Two (2) elective courses must meet MS IHL college preparatory curriculum (CPC) requirements
- Must successfully complete one (1) of the following:
 - ACT sub scores of 17 in English and 19 in Math
 - Essentials of College Math or Essentials of College Literacy (in senior year)
 - SAT equivalency subscore
- Must successfully complete one (1) of the following:
 - One (1) AP course with a C or higher and take the appropriate AP exam
 - One (1) Diploma Program-IB or Cambridge (AICE) course with a C or higher and take the appropriate exam
 - One (1) dual credit course and earn a C or higher in the course

¹³Additional recommendations (not requirements) above 26 Carnegie units and assessment requirements include:

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

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

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

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

Any student who completes the minimum graduation requirements as specified below and has met the requirements for each of the required high school assessments is eligible to receive a high school diploma. Students enrolled in grades 7 – 12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of the *Approved Courses for the Secondary Schools of Mississippi*.

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 ¹	English I English II Two (2) additional English Courses above English II
MATHEMATICS	4 ²	Algebra I Two (2) additional Math Courses above Algebra I
SCIENCE	4 ³	Biology Two (2) additional science courses above Biology
SOCIALSTUDIES	4	1 World History ⁴ 1 U.S. History ⁴ ½ U.S. Government ⁴ ½ Economics ⁵ ½ Mississippi Studies ⁶
PHYSICALEDUCATION	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 UNITSREQUIRED	28 ^{12,13,14}	

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

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

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.

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

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, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education

including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

⁸Successful 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. For approved Career and Technical course substitutions see Appendix A-12.

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

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

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

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

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

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

- a. Senior year only
- b. Junior year only
- c. One (1) semester in either freshman, sophomore or junior year with the remaining semester taught in either junior or senior year
- d. $\frac{1}{4}$ Carnegie unit per year beginning with the freshman year

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

- Earn an overall GPA of 3.0
- Two (2) elective courses must meet MS IHL CPC recommended requirements
- Must successfully complete one (1) of the following:
 - ACT sub scores of 18 in English and 22 in Math
 - SAT equivalency subscore
- Must successfully complete one (1) of the following:
 - One (1) AP course with a B or higher and take the appropriate AP exam
 - One (1) Diploma Program-IB or Cambridge (AICE) course with a B or higher and take the appropriate exam
 - One (1) dual credit course earning a B or higher in the course

¹³Additional recommendations (not requirements) above 28 Carnegie units and assessment requirements include:

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

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

APPENDIX A-10

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

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

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

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

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS	GENERAL EDUCATION COURSE SUBSTITUTION
ENGLISH	4¹	Alternate English I	<ul style="list-style-type: none"> • CCR English I
		Alternate English II	<ul style="list-style-type: none"> • CCR English II
		Alternate English III Alternate English IV	<ul style="list-style-type: none"> • CCR English III • CCR English IV • Broadcast Journalism • Debate • Foundations of Journalism • Mississippi Writers • Oral Communications • Print Journalism • Survey of African American Writing • Technical and Workplace Writing • World Literature

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS	GENERAL EDUCATION COURSE SUBSTITUTION
HEALTH	½ ³	Alternate Health	<ul style="list-style-type: none"> Contemporary Health Healthcare & Clinical Services I Theory and Application of Health Sciences JROTC I and II
PHYSICAL EDUCATION	½ ⁴	Physical Education	<ul style="list-style-type: none"> Physical Education
CAREER READINESS	4 ⁵	Career Readiness I-IV	<ul style="list-style-type: none"> Career Readiness was designed specifically for the Alternate Diploma
LIFE SKILLS DEVELOPMENT	4 ⁵	Life Skills Development I-IV	<ul style="list-style-type: none"> Life Skills Development was designed specifically for the Alternate Diploma
THE ARTS	1 ⁶	The Arts	
ELECTIVES	2		<ul style="list-style-type: none"> Any Carnegie unit credit bearing courses or a combination of ½ Carnegie unit credit bearing courses
TOTAL UNITS REQUIRED	24		

¹Carnegie units earned for Compensatory English courses cannot be included as any of the four (4) English Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory English may be taken only if a credit-bearing English course is taken in the same school year.

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year.

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

⁴The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the Fitness through Physical Education Framework and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

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

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

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

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

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

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

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

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

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

Students pursuing a Certificate of Completion are required to participate in the Mississippi statewide assessment program deemed appropriate by their Individualized Educational Plan (IEP) Committee.

Students working toward the Certificate of Completion who meet the criteria for a Significant Cognitive Disability are required to participate in the high school end-of-course alternate assessment during the school year the student is enrolled in the corresponding alternate course (Alternate Biology, Alternate English II, Alternate Algebra).

Students working toward the Certificate of Completion who do not meet the criteria for a Significant Cognitive Disability are required to participate in the regular high school end-of course subject area test(s) during the school year the student is enrolled in the corresponding course(s).

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

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met	Equivalent IHL College Preparatory Curriculum (CPC) Credit
Science Credits		
Agriculture & Natural Resources I (991100) Agriculture & Natural Resources II (991101) OR Fundamentals of Ag. & Nat. Resources (991102) Ag. & Nat. Res.: Soils and Ag. Lab Operations (991103) Ag. & Nat. Res.: Environmental Science (991104) Ag. & Nat. Res.: Equipment Operation and Business Management (991105)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit OR 1 Advanced Elective Credit
Aquaculture I (991600) Aquaculture II (991601) OR Introduction to Aquaculture (991602) Basic Aquaculture (991603) Advanced Aquaculture (992604) Application of Aquaculture (991605)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit OR 1 Advanced Elective Credit
Forestry I (991500) Forestry II (991501) OR Forestry Introduction (991502) Forestry Surveying and Measurements (991503) Forestry Cruising (991504) Forestry Marketing (991505)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit OR 1 Advanced Elective Credit
Horticulture I (991400) Horticulture II (991401) OR Introduction to Horticulture (991402) Horticulture Plant Processes (991403) Horticulture Nursery (991404) Horticulture Landscape and Turfgrass (991405)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit OR 1 Advanced Elective Credit
AEST Science of Agricultural Plants I (991013) (No longer offered) AEST Science of Agricultural Plants II (991023) OR AEST Science of Agricultural Animals I (991010) (No longer offered) AEST Science of Agricultural Animals II (991020) OR AEST Science of Agricultural Environment I (991011) (No longer offered) AEST Science of Agricultural Environment II (991021)	1 unit of science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.	No CPC Credit
Principles of Agriscience (993460) AND ANY TWO OF THE FOLLOWING:	2 units of science (other than Biology I) may be awarded as a	1 Science Credit OR

Diversified Agriculture Animals Core (993423) Diversified Agriculture Environment Core (993424) Diversified Agriculture Food Science (993425) Diversified Agriculture Plants Core (993427) Diversified Agriculture Poultry Science (993428) Diversified Agriculture Veterinary Science (993429) PLUS Diversified Agriculture Capstone (TBD)	Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Advanced Elective Credit
Principles of Agriscience (993460)	1 unit of science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.	No CPC Credit
Concepts of Agriscience (991000) (No longer offered)	1 unit of science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.	No CPC Credit
Introduction to Agriscience (029990) (No longer offered)	1 unit of science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.	No CPC Credit
Engineering and Mechatronics I (994000) Engineering II (994001) OR Engineering and Mechatronics Fundamentals (994002) Engineering and Mechatronics Industry Skills (994003) Engineering Manufacturing Concepts (994004) Engineering Systems (994005)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit OR 1 Advanced Elective Credit
Polymer Science I (994500) Polymer Science II (994501) OR Introduction to Polymer Science I (994502) Introduction to Polymer Science II (994503) Advanced Topics in Polymer Science (994504) Careers in Polymer Science (994505)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit OR 1 Advanced Elective Credit
Health Science Core (995100) Healthcare and Clinical Services (995101) OR Health Science Core I (995102) Health Science Core II (995103) Healthcare and Clinical Services I (995104) Healthcare and Clinical Services II (995105)	2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Science Credit OR 1 Advanced Elective Credit
Health Science Core (995100)	2 units of science (other than	1 Science Credit

Sports Medicine (995200) OR Health Science Core I (995102) Health Science Core II (995103) Sports Medicine: Theory & Application I (995202) Sports Medicine: Theory & Application II (995203)	Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	OR 1 Advanced Elective Credit
NOTE: Maximum of 2 units may be awarded as graduation requirements met for science.		
Math Credits		
Architectural Design & Drafting I (994300) Architectural Design & Drafting II (994301) OR Concepts of Drafting (994302) Drafting and Design (994303) Architectural Drafting (994304) Architectural Drafting Application (994305)	unit of Math (other than Algebra I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.	1 Math Credit OR 1 Advanced Elective Credit
Technology Credits		
Technology Foundations (992307 & 110630) (No longer offered)	1 unit of Technology	1 Technology Credit
ICT II (CTE: 000272) (Academic: 110620) (No longer offered after SY 2020-2021)	1 unit of Technology	1 Technology Credit
STEM Applications (000273)	1 unit of Technology	1 Technology Credit
Cyber Foundations I (000284)	1 unit of Technology	1 Technology Credit
Cyber Foundations II (000286)	1 unit of Technology	1 Technology Credit
Exploring Computer Science (000283)	1 unit of Technology	1 Technology Credit
Computer Science and Engineering (000287)	1 unit of Technology	1 Technology Credit

APPENIX B-1

Effective school year 2021-2022 APPENDIX B-1 is no longer applicable.

APPENIX B-2

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

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
ENGLISH	English I English II English III English IV Essentials for College Literacy	1 1 1 1 1	5
MATHEMATICS	Algebra I Geometry Algebra II Essentials for College Math Elective Mathematics Courses	1 1 1 1	5
SCIENCE	Biology Chemistry Physics Elective Science Courses ¹	1 1 1 3	6
SOCIAL STUDIES	U.S. History U.S. Government Mississippi Studies World History Economics	1 ½ ½ 1 ½	3½
TECHNOLOGY OR COMPUTER SCIENCE²	Any one (1) credit Technology or Computer Science	1	1
HEALTH/PHYSICAL EDUCATION	Contemporary Health Physical Education	½ ½	1
THE ARTS³	Any approved Arts course	1	1
COLLEGE AND CAREER READINESS⁴	College and Career Readiness	1	1
CAREER & TECHNICAL	Any combination of CTE courses	4	4

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
ADVANCED PLACEMENT COURSES ⁵	At least one (1) advanced placement course in each of the four (4) core areas. AP Course in Mathematics AP Course in Science AP Course in English Language Arts AP Course in Social Studies	4	4
ELECTIVES	Any other Advanced Elective defined by the IHL College Preparatory Curriculum, as noted in Appendix C	2	2
TOTAL UNITS REQUIRED		33 ½	33½

¹ For Approved Career and Technical course substitutions see Appendix A-12.

²The following courses meet the Carnegie unit requirement for Technology and Computer Science: Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Computer Science and Engineering (000287), Cyber Foundations I (000284), Cyber Foundations II (000286), Exploring Computer Science (000283), Technology Foundations (992307) (No longer offered) (Academic Code 110630 exists for 2020-21 only), ICT II (CTE: 000272) (Academic: 110620) (No longer offered after 2020-21), and STEM Applications (000273).

³The Arts refers to Dance, Media Arts, Music, Theatre, and Visual Arts. For a listing of approved secondary course codes please refer to the arts section or the Mississippi Online Course Approval (MOCA) section of the current *Approved Courses for the Secondary Schools of Mississippi*. The following dual credit classes: Music Appreciation, Theatre Appreciation, or Art Appreciation may be accepted in lieu of the art requirement for students. For Approved Career and Technical course substitutions see Appendix A-12.

⁴The purpose of the College and Career Readiness Course is to provide planning and instruction for postsecondary transition. The following courses are approved substitutions for the CCR course:

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

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

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

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

⁵A school offering the International Baccalaureate Diploma Program and Cambridge (AICE) is exempt. Distance learning approved on-line vendor courses, or approved Mississippi Online Course Approval (MOCA) courses may be used as an appropriate alternative for the delivery of these required Advanced Placement (AP) courses.

APPENDIX C-1

Effective school year 2021-2022 APPENDIX C-1 is no longer applicable.

APPENDIX C-2

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

This information is available from Institutions of Higher Learning.

Redline Verson

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

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

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

Beginning school year 2018-2019 and thereafter, all entering ninth graders will be required to have a minimum of 24 Carnegie units as specified below. Student may earn ~~one (1)~~ of the following endorsements to be added to the traditional diploma: Career and Technical Endorsement, Academic Endorsement, and/or Distinguished Academic Endorsement. The local school district may establish additional local requirements approved by the local school board as authorized under Miss. Code Ann. § 37-16-7.

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

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

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

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.

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

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

⁷The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral,

Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

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

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

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

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

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

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

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

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

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

- Students must identify an endorsement area prior to entering 9th grade. Endorsement requirements can only be changed with parental permission this includes dropping the endorsement to earn only the Traditional diploma.
- For early release, students must meet College- and Career-Readiness benchmarks of 17 in English and 19 in Math on the ACT sub-score OR earn a Silver level on the ACT WorkKeys suite of assessments. For seniorsthat have not meet the benchmarks, to qualify for early release (work release) students must meet the following requirements:
 - Have a GPA of 2.5 and have passed or meet the assessment option requirements for all four end-of-course assessments
 - AND**
 - Are on track to meet the diploma requirements
 - AND**
 - Are concurrently enrolled in the appropriate ~~SREB Math Ready or~~ Essentials for College Math or another mathematics course above their Junior year mathematics course and/or ~~SREB Literacy Ready or~~ Essentials for College Literacy or another English Language Arts course above their Junior level

English Language Arts course.

OR

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

AND

- Are on track to meet the diploma requirements

AND

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

¹³ Additional recommendations (not requirements) above the 24 Carnegie units and assessment requirements include:

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

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

APPENDIX A-7

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

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

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

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4¹	English I English II
MATHEMATICS	4²	Algebra I
SCIENCE	3³	Biology
SOCIAL STUDIES	3½	1 World History⁴ 1 U.S. History⁴ ½ U.S. Government⁴ ½ Economics⁵ ½ Mississippi Studies⁶
PHYSICAL EDUCATION	½⁷	½ Physical Education
HEALTH	½⁸	½ Contemporary Health
TECHNOLOGY or COMPUTER SCIENCE	1⁹	
THE ARTS	1¹⁰	
COLLEGE- AND CAREER-READINESS	1¹¹	
CAREER and TECHNICAL	4	
ELECTIVES	3½	
TOTAL UNITS REQUIRED	26^{12, 13, 14}	

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

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

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.

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

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

⁷The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that

are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

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

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

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

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

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

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

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

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

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

- Earn an overall GPA of 2.5
- Earn silver level on ACT WorkKeys
- Must successfully complete one(1) of the following:
 - One (1) dual credit or earned articulated credit in the high school CTE course
 - Workbased Learning
 - Earn a State Board of Education approved national credential
 - One (1) AP, Diploma Program-IB, or Cambridge (AICE) course aligned to their career pathway. Students must earn a C or higher and take the appropriate exam.

¹³Additional recommendations (not requirements) above 26 Carnegie Units and assessment requirements include:

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

¹⁴Courses designed using the Mississippi Alternate Academic Achievement Standards (MS AAAS) shall not be used as

substitute courses or electives for students obtaining a traditional academic diploma with or without endorsements.

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

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

Any student who completes the minimum graduation requirements as specified below and has met requirements for each of the required high school assessments is eligible to receive a high school diploma. Students enrolled in grades 7 – 12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of *the Approved Courses for the Secondary Schools of Mississippi*.

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 ¹	English I English II Two (2) additional English Courses above EnglishII
MATHEMATICS	4 ²	Algebra I Two (2) additional Math Courses above Algebra I
SCIENCE	3 ³	Biology Two (2) additional science courses above Biology
SOCIALSTUDIES	3½	1 World History ⁴ 1 U.S. History ⁴ ½ U.S. Government ⁴ ½Economics ⁵ ½ Mississippi Studies ⁶
PHYSICALEDUCATION	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 UNITSREQUIRED	26 ^{12, 13, 14}	

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

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

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.

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

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, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education

including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

⁸Successful 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. For approved Career and Technical course substitutions see Appendix A-12.

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

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

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

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

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

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

- a. Senior year only
- b. Junior year only
- c. One (1) semester in either freshman, sophomore or junior year with the remaining semester taught in either junior or senior year
- d. $\frac{1}{4}$ Carnegie unit per year beginning with the freshman year

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

- Earn an overall GPA of 2.5
- Two (2) elective courses must meet MS IHL college preparatory curriculum (CPC) requirements
- Must successfully complete one (1) of the following:
 - ACT sub scores of 17 in English and 19 in Math
 - Essentials of College Math or Essentials of College Literacy (in senior year)
 - SAT equivalency subscore
- Must successfully complete one (1) of the following:
 - One (1) AP course with a C or higher and take the appropriate AP exam
 - One (1) Diploma Program-IB or Cambridge (AICE) course with a C or higher and take the appropriate exam
 - One (1) dual credit course and earn a C or higher in the course

¹³Additional recommendations (not requirements) above 26 Carnegie units and assessment requirements include:

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

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

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

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

Any student who completes the minimum graduation requirements as specified below and has met the requirements for each of the required high school assessments is eligible to receive a high school diploma. Students enrolled in grades 7 – 12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of the *Approved Courses for the Secondary Schools of Mississippi*.

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

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

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

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

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.

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

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, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education

including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

⁸Successful 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. For approved Career and Technical course substitutions see Appendix A-12.

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

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

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

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

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

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

- a. Senior year only
- b. Junior year only
- c. One (1) semester in either freshman, sophomore or junior year with the remaining semester taught in either junior or senior year
- d. $\frac{1}{4}$ Carnegie unit per year beginning with the freshman year

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

- Earn an overall GPA of 3.0
- Two (2) elective courses must meet MS IHL CPC recommended requirements
- Must successfully complete one (1) of the following:
 - ACT sub scores of 18 in English and 22 in Math
 - SAT equivalency subscore
- Must successfully complete one (1) of the following:
 - One (1) AP course with a B or higher and take the appropriate AP exam
 - One (1) Diploma Program-IB or Cambridge (AICE) course with a B or higher and take the appropriate exam
 - One (1) dual credit course earning a B or higher in the course

¹³Additional recommendations (not requirements) above 28 Carnegie units and assessment requirements include:

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

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

APPENDIX A-10

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

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

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

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

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

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

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS	GENERAL EDUCATION COURSE SUBSTITUTION
HEALTH	½ ³	Alternate Health	<ul style="list-style-type: none"> Contemporary Health Healthcare & Clinical Services I Health Sciences Core I Theory and Application of Health Sciences JROTC I and II
PHYSICAL EDUCATION	½ ⁴	Physical Education	<ul style="list-style-type: none"> Physical Education
CAREER READINESS	4 ⁵	Career Readiness I-IV	<ul style="list-style-type: none"> Career Readiness was designed specifically for the Alternate Diploma
LIFE SKILLS DEVELOPMENT	4 ⁵	Life Skills Development I-IV	<ul style="list-style-type: none"> Life Skills Development was designed specifically for the Alternate Diploma
THE ARTS	1 ⁶	The Arts	
ELECTIVES	2		<ul style="list-style-type: none"> Any Carnegie unit credit bearing courses or a combination of ½ Carnegie unit credit bearing courses
TOTAL UNITS REQUIRED	24		

¹Carnegie units earned for Compensatory English courses cannot be included as any of the four (4) English Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory English may be taken only if a credit-bearing English course is taken in the same school year.

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year.

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

⁴The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the Fitness through Physical Education Framework and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.

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

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

APPENDIX A-11
GRADUATION REQUIREMENTS STANDARD 14
Certificate of Completion

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

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

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

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

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

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

Students pursuing a Certificate of Completion are required to participate in the Mississippi statewide assessment program deemed appropriate by their Individualized Educational Plan (IEP) Committee.

Students working toward the Certificate of Completion who meet the criteria for a Significant Cognitive Disability are required to participate in the high school end-of-course alternate assessment during the school year the student is enrolled in the corresponding alternate course (Alternate Biology, Alternate English II, Alternate Algebra).

Students working toward the Certificate of Completion who do not meet the criteria for a Significant Cognitive Disability are required to participate in the regular high school end-of course subject area test(s) during the school year the student is enrolled in the corresponding course(s).

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

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met
<p>Agriculture & Natural Resources I (991100) Agriculture & Natural Resources II (991101) OR Fundamentals of Ag. & Nat. Resources (991102) Ag. & Nat. Res.: Soils and Ag. Lab Operations (991103) Ag. & Nat. Res.: Environmental Science (991104) Ag. & Nat. Res.: Equipment Operation and Business Management (991105)</p>	<p>2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</p>
<p>Aquaculture I (991600) Aquaculture II (991601) OR Introduction to Aquaculture (991602) Basic Aquaculture (991603) Advanced Aquaculture (992604) Application of Aquaculture (991605)</p>	<p>2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</p>
<p>Forestry I (991500) Forestry II (991501) OR Forestry Introduction (991502) Forestry Surveying and Measurements (991503) Forestry Cruising (991504) Forestry Marketing (991505)</p>	<p>2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</p>
<p>Horticulture I (991400) Horticulture II (991401) OR Introduction to Horticulture (991402) Horticulture Plant Processes (991403) Horticulture Nursery (991404) Horticulture Landscape and Turfgrass (991405)</p>	<p>2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</p>
<p>AEST Science of Agricultural Plants I (991013) AEST Science of Agricultural Plants II (991023) OR AEST Science of Agricultural Animals I (991010) AEST Science of Agricultural Animals II (991020) OR AEST Science of Agricultural Environment I (991011) AEST Science of Agricultural Environment II (991021)</p>	<p>1 unit of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.</p>
<p>Concepts of Agriscience (991000)</p>	<p>1 unit of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.</p>

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met
Introduction to Agriscience (029990)	1 unit of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.
Engineering and Mechatronics I (994000) Engineering II (994001) OR Engineering and Mechatronics Fundamentals (994002) Engineering and Mechatronics Industry Skills (994003) Engineering Manufacturing Concepts (994004) Engineering Systems (994005)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Polymer Science I (994500) Polymer Science II (994501) OR Introduction to Polymer Science I (994502) Introduction to Polymer Science II (994503) Advanced Topics in Polymer Science (994504) Careers in Polymer Science (994505)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Health Science Core (995100) Healthcare and Clinical Services (995101) OR Health Science Core I (995102) Health Science Core II (995103) Healthcare and Clinical Services I (995104) Healthcare and Clinical Services II (995105)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Health Science Core (995100) Sports Medicine (995200) OR Health Science Core I (995102) Health Science Core II (995103) Sports Medicine: Theory & Application I (995202) Sports Medicine: Theory & Application II (995203)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Architectural Design & Drafting I (994300) Architectural Design & Drafting II (994301) OR Concepts of Drafting (994302) Drafting and Design (994303) Architectural Drafting (994304) Architectural Drafting Application (994305)	1 unit of Math (other than Algebra I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
AP Computer Science Principles (110145)	1 unit of Technology/Computer Science OR 1 Unit of Math OR 1 Unit of Science may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie Units are awarded.

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

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met	Equivalent IHL College Preparatory Curriculum (CPC) Credit
Science Credits		
<u>Agriculture & Natural Resources I (991100)</u> <u>Agriculture & Natural Resources II (991101)</u> OR <u>Fundamentals of Ag. & Nat. Resources (991102)</u> <u>Ag. & Nat. Res.: Soils and Ag. Lab Operations (991103)</u> <u>Ag. & Nat. Res.: Environmental Science (991104)</u> <u>Ag. & Nat. Res.: Equipment Operation and Business Management (991105)</u>	<u>2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u>	<u>1 Science Credit</u> OR <u>1 Advanced Elective Credit</u>

<u>Aquaculture I (991600)</u> <u>Aquaculture II (991601)</u> OR <u>Introduction to Aquaculture (991602)</u> <u>Basic Aquaculture (991603)</u> <u>Advanced Aquaculture (992604)</u> <u>Application of Aquaculture (991605)</u>	<u>2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u>	<u>1 Science Credit</u> OR <u>1 Advanced Elective Credit</u>
<u>Forestry I (991500)</u> <u>Forestry II (991501)</u> OR <u>Forestry Introduction (991502)</u> <u>Forestry Surveying and Measurements (991503)</u> <u>Forestry Cruising (991504)</u> <u>Forestry Marketing (991505)</u>	<u>2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u>	<u>1 Science Credit</u> OR <u>1 Advanced Elective Credit</u>
<u>Horticulture I (991400)</u> <u>Horticulture II (991401)</u> OR <u>Introduction to Horticulture (991402)</u> <u>Horticulture Plant Processes (991403)</u> <u>Horticulture Nursery (991404)</u> <u>Horticulture Landscape and Turfgrass (991405)</u>	<u>2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u>	<u>1 Science Credit</u> OR <u>1 Advanced Elective Credit</u>
<u>AEST Science of Agricultural Plants I (991013) (No longer offered)</u> <u>AEST Science of Agricultural Plants II (991023)</u> OR <u>AEST Science of Agricultural Animals I (991010) (No longer offered)</u> <u>AEST Science of Agricultural Animals II (991020)</u> OR <u>AEST Science of Agricultural Environment I (991011) (No longer offered)</u> <u>AEST Science of Agricultural Environment II (991021)</u>	<u>1 unit of science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.</u>	<u>No CPC Credit</u>
<u>Principles of Agriscience (993460)</u> AND ANY TWO OF THE FOLLOWING: <u>Diversified Agriculture Animals Core (993423)</u> <u>Diversified Agriculture Environment Core (993424)</u> <u>Diversified Agriculture Food Science (993425)</u> <u>Diversified Agriculture Plants Core (993427)</u> <u>Diversified Agriculture Poultry Science (993428)</u> <u>Diversified Agriculture Veterinary Science (993429)</u> PLUS <u>Diversified Agriculture Capstone (TBD)</u>	<u>2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u>	<u>1 Science Credit</u> OR <u>1 Advanced Elective Credit</u>
<u>Principles of Agriscience (993460)</u>	<u>1 unit of science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.</u>	<u>No CPC Credit</u>
<u>Concepts of Agriscience (991000) (No longer offered)</u>	<u>1 unit of science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.</u>	<u>No CPC Credit</u>

<u>offered)</u>	<u>Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.</u>	
<u>Introduction to Agriscience (029990)</u>	<u>1 unit of science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.</u>	<u>No CPC Credit</u>
<u>Engineering and Mechatronics I (994000)</u> <u>Engineering II (994001)</u> <u>OR</u> <u>Engineering and Mechatronics Fundamentals (994002)</u> <u>Engineering and Mechatronics Industry Skills (994003)</u> <u>Engineering Manufacturing Concepts (994004)</u> <u>Engineering Systems (994005)</u>	<u>2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u>	<u>1 Science Credit</u> <u>OR</u> <u>1 Advanced Elective Credit</u>
<u>Polymer Science I (994500)</u> <u>Polymer Science II (994501)</u> <u>OR</u> <u>Introduction to Polymer Science I (994502)</u> <u>Introduction to Polymer Science II (994503)</u> <u>Advanced Topics in Polymer Science (994504)</u> <u>Careers in Polymer Science (994505)</u>	<u>2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u>	<u>1 Science Credit</u> <u>OR</u> <u>1 Advanced Elective Credit</u>
<u>Health Science Core (995100)</u> <u>Healthcare and Clinical Services (995101)</u> <u>OR</u> <u>Health Science Core I (995102)</u> <u>Health Science Core II (995103)</u> <u>Healthcare and Clinical Services I (995104)</u> <u>Healthcare and Clinical Services II (995105)</u>	<u>2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u>	<u>1 Science Credit</u> <u>OR</u> <u>1 Advanced Elective Credit</u>
<u>Health Science Core (995100)</u> <u>Sports Medicine (995200)</u> <u>OR</u> <u>Health Science Core I (995102)</u> <u>Health Science Core II (995103)</u> <u>Sports Medicine: Theory & Application I (995202)</u> <u>Sports Medicine: Theory & Application II (995203)</u>	<u>2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u>	<u>1 Science Credit</u> <u>OR</u> <u>1 Advanced Elective Credit</u>
<u>NOTE: Maximum of 2 units may be awarded as graduation requirements met for science.</u>		
<u>Math Credits</u>		
<u>Architectural Design & Drafting I (994300)</u> <u>Architectural Design & Drafting II (994301)</u> <u>OR</u>	<u>1 unit of Math (other than Algebra I) may be awarded as a Requirement Met upon completion</u>	<u>1 Math Credit</u> <u>OR</u> <u>1 Advanced Elective Credit</u>

<u>Concepts of Drafting (994302)</u> <u>Drafting and Design (994303)</u> <u>Architectural Drafting (994304)</u> <u>Architectural Drafting Application (994305)</u>	<u>of the sequence of courses. No</u> <u>additional Carnegie units are</u> <u>awarded other than the 4 Carnegie</u> <u>units for the CTE course.</u>	
<u>Technology Credits</u>		
<u>Cyber Foundations I (000284)</u>	<u>1 unit of Technology</u>	<u>1 Technology Credit</u>
<u>Cyber Foundations II (000286)</u>	<u>1 unit of Technology</u>	<u>1 Technology Credit</u>
<u>Exploring Computer Science (000283)</u>	<u>1 unit of Technology</u>	<u>1 Technology Credit</u>
<u>Computer Science and Engineering (000287)</u>	<u>1 unit of Technology</u>	<u>1 Technology Credit</u>

APPENDIX B-1

Effective school year 2021-2022 APPENDIX B-1 is no longer applicable.

APPENIX B-2

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

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
ENGLISH	English I English II English III English IV Essentials for College Literacy	1 1 1 1 1	5
MATHEMATICS	Algebra I Geometry Algebra II Essentials for College Math Elective Mathematics Courses	1 1 1 1	5
SCIENCE	Biology Chemistry Physics Elective Science Courses ¹	1 1 1 3	6
SOCIAL STUDIES	U.S. History U.S. Government Mississippi Studies World History Economics	1 $\frac{1}{2}$ $\frac{1}{2}$ 1 $\frac{1}{2}$	$3\frac{1}{2}$
TECHNOLOGY OR COMPUTER SCIENCE²	Any one (1) credit Technology or Computer Science	1	1
HEALTH/PHYSICAL EDUCATION	Contemporary Health Physical Education	$\frac{1}{2}$ $\frac{1}{2}$	1
THE ARTS³	Any approved Arts course	1	1
COLLEGE AND CAREER READINESS⁴	College and Career Readiness	1	1
CAREER & TECHNICAL	Any combination of CTE courses	4	4

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
ADVANCED PLACEMENT COURSES ⁵	At least one (1) advanced placement course in each of the four (4) core areas. AP Course in Mathematics AP Course in Science AP Course in English Language Arts AP Course in Social Studies	4	4
ELECTIVES	Any other Advanced Elective defined by the IHL College Preparatory Curriculum, as noted in Appendix C	2	2
TOTAL UNITS REQUIRED		33 ½	33½

¹ For Approved Career and Technical course substitutions see Appendix A-12.

²The following courses meet the Carnegie unit requirement for Technology and Computer Science: Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Computer Science and Engineering (000287), Cyber Foundations I (000284), Cyber Foundations II (000286), Exploring Computer Science (000283), Technology Foundations (992307) (No longer offered) (Academic Code 110630 exists for 2020-21 only), ICT II (CTE: 000272) (Academic: 110620) (No longer offered after 2020-21), and STEM Applications (000273).

³The Arts refers to Dance, Media Arts, Music, Theatre, and Visual Arts. For a listing of approved secondary course codes please refer to the arts section or the Mississippi Online Course Approval (MOCA) section of the current *Approved Courses for the Secondary Schools of Mississippi*. The following dual credit classes: Music Appreciation, Theatre Appreciation, or Art Appreciation may be accepted in lieu of the art requirement for students. For Approved Career and Technical course substitutions see Appendix A-12.

⁴The purpose of the College and Career Readiness Course is to provide planning and instruction for postsecondary transition. The following courses are approved substitutions for the CCR course:

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

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

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

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

⁵A school offering the International Baccalaureate Diploma Program and Cambridge (AICE) is exempt. Distance learning approved on-line vendor courses, or approved Mississippi Online Course Approval (MOCA) courses may be used as an appropriate alternative for the delivery of these required Advanced Placement (AP) courses.

APPENDIX C-1

Effective school year 2021-2022 APPENDIX C-1 is no longer applicable.

APPENDIX C-2

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

This information is available from Institutions of Higher Learning.

FRESHMAN-ADMISSION-REQUIREMENTS-FOR-UNIVERSITY-SYSTEM INSTITUTIONS

(COLLEGE-PREPARATORY-CURRICULUM)

Begins with incoming students of 2022.

The high school course requirements set forth below are applicable to students graduating from high school and entering a public institution of higher learning.

The minimum REQUIRED CPC for full admission into a Mississippi public university is as follows:	The minimum RECOMMENDED CPC for full admission into a Mississippi public university is as follows:
<p>English: 4 Carnegie units</p> <ul style="list-style-type: none"> ● Units must require substantial communication skills (i.e., reading, writing, listening, and speaking). Compensatory Reading and Writing may not be included. 	<p>English: 4 Carnegie units</p> <ul style="list-style-type: none"> ● Units must require substantial communication skills (i.e., reading, writing, listening, and speaking). Compensatory Reading and Writing may not be included.
<p>Mathematics: 4 Carnegie Units</p> <ul style="list-style-type: none"> ● Algebra I or its equivalent ● Math higher than Algebra I (2 units) 	<p>Mathematics: 4 Carnegie units</p> <ul style="list-style-type: none"> ● Algebra I or its equivalent ● Math higher than Algebra I (3 units)
<p>Science: 3 Carnegie units</p> <ul style="list-style-type: none"> ● Biology I or its equivalent ● Science higher than Biology I (2 units) 	<p>Science: 4 Carnegie units</p> <ul style="list-style-type: none"> ● Biology I or its equivalent ● Science higher than Biology I (3 units)
<p>Social Studies 3 ½ Carnegie Units</p> <ul style="list-style-type: none"> ● Units must include integrated courses of social sciences and humanities promoting civic competence. 	<p>Social Studies: 4 Carnegie units</p> <ul style="list-style-type: none"> ● Units must include integrated courses of social sciences and humanities promoting civic competence.
<p>Arts: 1 Carnegie unit</p> <ul style="list-style-type: none"> ● Includes any one (1) Carnegie unit (or two ½ units) of visual and performing arts course(s) meeting the requirements for high school graduation. 	<p>Arts: 1 Carnegie unit</p> <ul style="list-style-type: none"> ● Includes any one (1) Carnegie unit (or two ½ units) of visual and performing arts course(s) meeting the requirements for high school graduation.
<p>Advanced Electives: 2 Carnegie units</p> <ul style="list-style-type: none"> ● Option 1: Foreign Language I and Foreign Language II ● Option 2: Foreign Language I and one (1) unit from Option 3 ● Option 3: Any combination of advanced electives above the required Carnegie units as noted in the Mississippi Department of Education Secondary Course Manual. 	<p>Advanced Electives: 2 Carnegie units</p> <ul style="list-style-type: none"> ● Option 1: Foreign Language I and Foreign Language II ● Option 2: Foreign Language I and one (1) unit from Option 3 ● Option 3: Any combination of advanced electives above the required Carnegie units as noted in the Mississippi Department of Education Secondary Course Manual

<p>Technology or Computer Science Course: 1 Carnegie Unit</p> <ul style="list-style-type: none"> ● A course that emphasizes the use of technology as a productivity tool. Instruction should include utilizing various forms of technology to create, collaborate, organize, and publish information. The application of technology as a productivity tool, rather than specific hardware and/or software packages should be the focus of the course. ● A computer science course emphasizes computational thinking to solve problems. Courses will involve the study of computers and algorithmic processes, including their principles, their hardware and software designs, their applications, and their impact on society and should include focus on one (1) or more of the following core concepts: computing systems, networks and the internet, data and analysis, algorithms and programming, and impacts of computing. ● Course equivalent or additional advanced elective may be acceptable for non-Mississippi residents. 	<p>Technology or Computer Science Course: 1 Carnegie Unit</p> <ul style="list-style-type: none"> ● A course that emphasizes the use of technology as a productivity tool. Instruction should include utilizing various forms of technology to create, collaborate, organize, and publish information. The application of technology as a productivity tool, rather than specific hardware and/or software packages should be the focus of the course. ● A computer science course emphasizes computational thinking to solve problems. Courses will involve the study of computers and algorithmic processes, including their principles, their hardware and software designs, their applications, and their impact on society and should include focus on one (1) or more of the following core concepts: computing systems, networks and the internet, data and analysis, algorithms and programming, and impacts of computing. ● Course equivalent or additional advanced elective may be acceptable for non-Mississippi residents.
<p>Total Carnegie units: 18 ½ Carnegie Units</p>	<p>Total Carnegie units: 20 Carnegie Units</p>
<p>Notes:</p> <ul style="list-style-type: none"> ● Pre-High School units: Courses taken prior to high school will be accepted for admission provided the course earns Carnegie credit and the content is the same as the high school course. ● Substitutions: Advanced Placement (AP), International Baccalaureate (IB), Academic or Career and Technical Dual Credit (DC), and Advanced International Certificate of Education (AICE) courses may be substituted for each requirement in the College Preparatory Curriculum ● Course Acceptance: A course may not be used to satisfy more than one (1) requirement. The Required and Recommended College Preparatory Curricula (CPC) are approved by the IHL Board of Trustees. The Mississippi Department of Education maintains the MDE Secondary Course Manual with CPC Classifications. 	

IHL Board Policy §602.B. FULL ADMISSION

Full admission to any of the eight public universities will be granted to the following:

1. Complete the College Prep Curriculum (CPC) with a minimum 3.2 high school grade point average (GPA) on the CPC; **OR**
2. Complete the CPC with a minimum 2.5 high school GPA or a class rank in the top 50 percent and a score of 16 or higher on the ACT* (Composite); **OR**
3. Complete the CPC with a minimum 2.0 high school GPA on the CPC and a score of 18 or higher on the ACT* (Composite); **OR**
4. NCAA Division I standards for student athletes who are “full qualifiers” or “academic redshirts” are accepted as equivalent to the admission standards established by the Board.

**In lieu of the ACT scores, students may submit equivalent SAT scores. Students scoring below 16 on the ACT (Composite) or the equivalent SAT are encouraged to participate in the Year Long Academic Support Program during their freshman year.*

IHL Board Policy §608. INTERMEDIATE COURSES

- A. All entering students admitted under Board Policy 602 enrolled at an IHL university with an ACT Mathematics subtest score of 16 or less will be required to take Intermediate Mathematics during their first semester of enrollment. At the discretion of the admitting IHL institution, students whose Mathematics subtest score is 17, 18, or 19 may be required to take Intermediate Mathematics. Students with a minimum ACT Mathematics subtest score of 15 who have completed the Mississippi Department of Education approved mathematics transitional course with a grade of “80” or higher will not be required to take Intermediate Mathematics and should be enrolled in a college level mathematics course during their first semester of enrollment.
- B. All entering students admitted under Board Policy 602 enrolled at an IHL university with an ACT English subtest score of 16 or less will be required to take Intermediate English during their first semester of enrollment. At the discretion of the admitting IHL institution, students whose English subtest score is 17, 18, or 19 may be required to take Intermediate English. Students with a minimum ACT English subtest score of 15 who have completed the Mississippi Department of Education approved literacy transitional course with a grade of “80” or higher will not be required to take Intermediate English and should be enrolled in a college level English course during their first semester of enrollment.
- C. All entering students admitted under Board Policy 602 enrolled at an IHL university with an ACT Reading subtest score of 16 or less will be required to take Intermediate Reading during their first semester of enrollment. At the discretion of the admitting IHL institution, students whose Reading subtest score is 17, 18, or 19 may be required to take Intermediate Reading. Students taking Intermediate Reading should not be permitted to take reading intensive courses, such as History. Students with a minimum ACT Reading subtest score of 15 who have completed the Mississippi Department of Education approved literacy transitional course with a grade of “80” or higher will not be required to take Intermediate Reading.
- D. Students taking two or more intermediate courses must enroll in the year long Academic Support Program or some other IHL recognized intervention strategy to promote success in the courses in which they are not fully prepared, according to ACT subtest scores and will not be permitted to take more than 17 hours.
- E. Intermediate courses may be delivered through a co-requisite model coupled with a credit bearing gateway course.
- F. Regarding course placement using an ACT subtest score, exemptions to this policy based on prior high school course performance, postsecondary course performance, or other academic experiences must be approved by the institution’s Chief Academic Officer or designee.

IHL Board Policy §608 establishes 17 as the minimum ACT subtest scores for mathematics, English, and reading; however, it gives each IHL university the authority to require higher ACT subtest scores.

University	College-level English	College-level Math	College-level Reading
Alcorn State University	17	17	17
Delta State University	17	20	17
Jackson State University	17	17	17
Mississippi State University	17	19	17
Mississippi University for Women	17	19	17
Mississippi Valley State University	17	17	17
University of Mississippi	17	19	17
University of Southern Mississippi	20	20	17