

OFFICE OF CHIEF OF ACCOUNTABILITY
Summary of State Board of Education Agenda Items
July 13, 2017

OFFICE OF ACCREDITATION

03. Action: Begin the Administrative Procedures Act process: To revise Standard 14, Appendix A, and Appendix G of the *Mississippi Public School Accountability Standards, 2016: Graduation Requirements effective school year 2018-2019* [Goals 1, 2, and 4 – MBE Strategic Plan]

Background Information: The Offices of Accreditation, Secondary Education, and Special Education began the process of examining Mississippi diploma requirements in the fall of 2015, with the convening of a Graduation Task Force. Based on feedback from stakeholders and surveys, the Graduation Task Force has endorsed the recommendations being discussed. The recommendations include having one Traditional Diploma with the opportunity for students to earn a career and technical endorsement, academic endorsement or a distinguished academic endorsement. Additionally, recommendations include an Alternate Diploma option for students with significant cognitive disabilities (SCD).

This information was presented to the Commission on School Accreditation on June 15, 2017.

This item references Goals 1, 2, and 4 of the *Mississippi Board of Education 2016-2020 Strategic Plan*.

Recommendation: Approval

Back-up material attached

Mississippi State Board of Education July 13, 2017

Proposed Graduation Requirements Effective 2018-2019

Presented to the Commission on School Accreditation - June 15, 2017



Mississippi Board of Education

Vision _____

To create a world-class educational system that gives students the knowledge and skills to be successful in college and the workforce, and to flourish as parents and citizens

Mission _____

To provide leadership through the development of policy and accountability systems so that all students are prepared to compete in the global community



State Board of Education Goals 5-Year Strategic Plan for 2016-2020

- ✓ All Students Proficient and Showing Growth in All Assessed Areas
- ✓ Every Student Graduates High School and is Ready for College and Career
- ✓ Every Child Has Access to a High-Quality Early Childhood Program
- ✓ Every School Has Effective Teachers and Leaders
- ✓ Every Community Effectively Using a World-Class Data System to Improve Student Outcomes
- ✓ Every School and District Rated “C” or Higher

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Overview

Diploma Requirements

- Overview of Traditional Diploma with Endorsement Requirements
- Alternate Diploma Requirements
- Certificate of Completion Requirements

Assessment Option – Clarification to Chapter 36, Rule 36.5 (Consent)

- Identify Acceptable Dual Credit Courses
- Clarification for ASVAB

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Proposed Diploma + Endorsement System

1 Traditional Diploma for All Students 24 Carnegie Units

- All students graduating from Mississippi high schools will have the same basic requirements.
- This will increase rigor for our students and will encourage active participation as they choose which endorsement they will pursue.
- For entering 9th graders in 2017-2018, SB2432 from the 2017 legislative session eliminates:
 - Modified Occupational Diploma (MOD) and
 - Career and Technical Endorsement (CTE)
- Proposed graduation options would eliminate the District Option (Appendix A-1) and the Early Exit Diploma (Appendix A-3) for entering 9th graders effective 2018-2019.

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Proposed Traditional Diploma Requirements

Curriculum Area	Carnegie Units	Required Subjects	
English	4	English I English II	
Math	4	Algebra I	
Science	3	Biology I	
Social Studies	3.5	World History (1) US History (1) Economics (1/2)	US Government (1/2) MS Studies (1/2)
Physical Ed	½		
Health	½		
Art	1		
College & Career Readiness	1	• Within one semester of graduation	
Technology or Computer Science	1		
Electives	5 ½		
TOTAL	24		

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Comparison of Current Standard Diploma and Proposed Traditional Diploma

Standard Diploma (Current)	Traditional Diploma (New)
Science Requirements – 4	Science Requirements - 3
Social Studies Requirements – 4	Social Studies Requirements – 3.5
None	College and Career Readiness - 1
No Endorsements	Select Endorsement prior to 9 th grade*
No requirements for early release	Must meet benchmarks for early release**

*Endorsement requirements may be changed with parental permission.

**For early release, students must meet Institutions of Higher Learning (IHL) and Community College Readiness Benchmarks that allow students to attend postsecondary without remediation or demonstrate work-ready requirements (Based on Community College and most IHL remediation requirements sub-scores of 17 in English and 19 in Math or Silver level on the ACT Workkeys)

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College and Career Readiness Curriculum

The MS College and Career Readiness course will be developed to prepare students to successfully enter college or careers.

- Preparing for College
- Preparing for a Career
- Financial Literacy
- Public Speaking
- 21st Century Skills

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Proposed Traditional Diploma with Career and Technical Endorsement

Curriculum Area	Carnegie Units	Required Subjects
English	4	English I English II
Mathematics	4	Algebra I
Science	3	Biology I
Social Studies	3½	1 World History 1 U.S. History ½ U.S. Government ½ Economics ½ Mississippi Studies
Physical Education	½	
Health	½	
Art	1	
Career & College Readiness	1	Must occur within one semester of graduation
Technology or Computer Science	1	
CTE Electives	4	Must complete a 4-course sequential program of study to be a completer in CTE
Additional Electives	3½	Electives must meet the advanced elective requirements in the IHL CPC
Total	26	

Additional Requirements

- Earn an overall GPA of 2.5
- Earn silver level on ACT WorkKeys
- Earn two additional Carnegie Units for a total of 26

Must successfully complete one of the following:

- One CTE dual credit course or the Community College approved CTE articulated dual credit
- Complete an industry-based work experience or the Career Pathway Experience
- Earn a State Board of Education approved national credential

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Proposed Traditional Diploma with Academic Endorsement

Curriculum Area	Carnegie Units	Required Subjects
English	4	English I English II
Mathematics	4	Algebra I + two (2) additional math courses above Algebra I
Science	3	Biology I + two (2) additional science courses above Biology I
Social Studies	3½	1 World History 1 U.S. History ½ U.S. Government ½ Economics ½ Mississippi Studies
Physical Education	½	
Health	½	
Art	1	
Career & College Readiness	1	Must occur within one semester of graduation
Technology or Computer Science	1	
Additional Electives	7½	Electives must meet the advanced elective requirements in the IHL CPC
Total	26	

Additional Requirements

- Earn an overall GPA of 2.5
- Courses must meet MS IHL college preparatory curriculum (CPC) requirements
- Earn MS IHL and Community College readiness benchmarks (ACT sub scores of 17 English and 19 math or completion of appropriate college-ready courses in senior year)
- Earn two additional Carnegie Units for a total of 26

Must successfully complete one of the following:

- One AP course and take the appropriate AP exam
- One IB course and take the appropriate IB exams
- One dual credit course earning a non-weighted C or higher

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Proposed Traditional Diploma with Distinguished Endorsement

Curriculum Area	Carnegie Units	Required Subjects
English	4	English I English II
Mathematics	4	Algebra I + two (2) additional math courses above Algebra I
Science	4	Biology I + two (2) additional science courses above Biology I
Social Studies	4	1 World History 1 U.S. History ½ U.S. Government ½ Economics ½ Mississippi Studies
Physical Education	½	
Health	½	
Art	1	
Career & College Readiness	1	Must occur within one semester of graduation
Technology or Computer Science	1	
Additional Electives	8	Electives must meet the advanced elective requirements in the IHL CPC
Total	28	

Additional Requirements

- Earn an overall GPA of 3.0
- Courses must meet MS IHL CPC recommended requirements
- Earn national college readiness benchmarks on each subtest established by ACT (sub scores of 18 English and 22 math) or SAT
- Earn four additional Carnegie Units for a total of 28

Must successfully complete one of the following:

- One AP course and take the appropriate AP exam
- One IB course and take the appropriate IB exams
- One dual credit course earning a non-weighted B or higher



Recommendations for All Students

- For early graduation, a student should successfully complete an area of endorsement
- Students should take a math or math equivalent course during their senior year



Students with an Individualized Education Program (IEP)

Students with an IEP may exit high school in one of three ways:

Exit Option	Intended Student Population
Traditional Diploma with/without Endorsement	The vast majority of students with an IEP should be able to earn a Traditional Diploma.
Alternate Diploma	Students who have a Significant Cognitive Disability.
Certificate of Completion	Students with disabilities who have reached the maximum age of service under IDEA, which in Mississippi is age 20, and have not been able to meet the requirements for a traditional diploma.



Alternate Diploma Option for Students with Significant Cognitive Disability (SCD)

Curriculum Area	Carnegie Units	Required Subjects
English	4	Alternate English Elements I-IV
Mathematics	4	Alternate Math Elements I-III Alternate Algebra Elements
Science	2	Alternate Biology Elements Alternate Science Elements II
Social Studies	4	Alternate History Elements (Strands: U.S. History and World History) Alternate Social Studies Elements (Strands: Economics and U.S. Government)
Physical Education	½	
Health	½	Alternate Health Benefits
Art	1	
Vocational Readiness	4	Career Readiness I-IV (Strands: Technology, Systems, Employability, and Social)
Life Skills Development	4	Life Skills Development I-IV (Strands: Technology, Systems, Personal Care, and Social)
Additional Electives	2	
Total	24	

Requirements

- Only Students with a Significant Cognitive Disability (SCD) ruling are eligible to earn the Alternate Diploma.
- Students with a SCD ruling are required to participate in the Mississippi Assessment Program-Alternate Assessment (MAP-A) and achieve a score of 3 or higher.

Note: The Alternate Diploma is not equivalent to a traditional high school diploma and is not recognized by post-secondary entities that require a traditional high school diploma.



Certificate of Completion

Certificate of Completion Requirements:

- The student with an IEP has been unsuccessful in meeting the requirements of either the Traditional Diploma or the Alternate Diploma; AND
- The student has reached the maximum age of service under IDEA, which in Mississippi is age 20.

The Certificate of Completion is not equivalent to a high school diploma

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Request to Amend State Board Policy Chapter 36, Rule 36.5

Amendment to State Board Policy Rule 36.5

- English II – English Composition I
- Algebra I – College Algebra
- Biology I – College Biology I
- U. S. History – College American History I

Amend State Board Policy 36.5 for ASVAB to reflect no PICAT prescreen scores acceptable

- Obtain an ASVAB AFQT score of 36 (PICAT prescreen scores are not allowable) **plus one** of the following:
 - i. Earn a CPAS (Career Planning and Assessment System) score that meets the attainment level assigned by Federal Perkins requirements.
 - ii. Earn an approved Industry Certification as specified in the Career Pathway's Assessment Blueprint and outlined in Appendix A-5 in the current edition of the Mississippi Public School Accountability Standards

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Contact Information

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MISSISSIPPI DEPARTMENT OF EDUCATION



MISSISSIPPI
DEPARTMENT OF
EDUCATION

Ensuring a bright *future* for every child

*Mississippi Public
School Accountability
Standards, 2016*

Graduation Requirements:

Appendix A

Revisions

**Summary of Mississippi Public School Accountability Standards, 2016
Justification Changes for School Year 2017-2018 and School Year 2018-2019**

A. Changes to current graduation requirements for school year 2017-2018

Accountability Standards Appendix	Title	Changes and Justifications
Appendix A-1	District Option	<ol style="list-style-type: none"> 1. Option ends with the 2017-2018 incoming freshmen class 2. Add Carnegie units for middle school 3. Changes Business and Technology requirement to Technology or Computer Science and add the additional technology courses that can count as credit toward graduation 4. Change passing assessment to meeting assessment requirements 5. Add Foundations of Algebra requirement
Appendix A-2	Standard Diploma	<ol style="list-style-type: none"> 1. Option ends with the 2017-2018 incoming freshmen class 2. Add Carnegie units for middle school 3. Changes Business and Technology requirement to Technology or Computer Science and add the additional technology courses that can count as credit toward graduation 4. Change passing assessment to meeting assessment requirements 5. Add Foundations of Algebra requirement
Appendix A-4	Early Exit Diploma	<ol style="list-style-type: none"> 1. Option ends with the 2017-2018 incoming freshmen class 2. Add Carnegie units for middle school 3. Changes Business and Technology requirement to Technology or Computer Science and add the additional technology courses that can count as credit toward graduation 4. Change passing assessment to meeting assessment requirements 5. Add Foundations of Algebra requirement

B. Changes to graduation requirements for 2017-2018 based on Senate Bill 2432

Accountability Standards Appendix	Title	Changes and Justifications
Appendix A-3	Career Diploma	Option is no longer available for students entering high school due to passage of Senate Bill 2432 (Entering Ninth Graders no longer have this option after school year 2016-2017)

C. Graduation Assessment Option Clarification Language

Accountability Standards Appendix	Title	Changes and Justifications
Appendix A-5	Dual Credit Course Identification	Courses accepted for assessment requirement: English II assessment option – English Composition Algebra I assessment option – College Algebra Biology I assessment option – College Biology U.S. History assessment option – College American History
Appendix A-5	ASVAB Clarification	Only the ASVAB will be accepted as an assessment option for graduation requirement. The PICAT prescreened will not be accepted for this option.

D. New graduation requirements for incoming ninth graders of 2018-2019

Accountability Standards Appendix	Title	Changes and Justifications
Appendix A-6	Traditional Diploma	Add new diploma requirements for incoming 9 th graders of 2018-2019
Appendix A-7	Traditional Diploma with Career and Technical Endorsement	Add new diploma endorsement for Career and Technical Education requirements for incoming 9 th graders of 2018-2019
Appendix A-8	Traditional Diploma with Academic Endorsement	Add new diploma endorsement for Academic requirements for incoming 9 th graders of 2018-2019
Appendix A-9	Traditional Diploma with Distinguished Academic Endorsement	Add new diploma endorsement for Distinguished Academic requirements for incoming 9 th graders of 2018-2019
Appendix A-10	Alternate Diploma	Add Alternate Diploma requirements for students with significant cognitive disabilities (SCD) only
Appendix A-11	Certificate of Completion	A Certificate of Completion is not a high school diploma or an Alternate Diploma, but rather an acknowledgement of the child's participation in and completion of his/her Individualized Education Program (IEP).

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

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

Note: This option may be offered by districts, but it is not required.

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 Curriculum Frameworks~~ *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 7 Miss. Admin. Code Pt. 3, Ch. 28, R. 28.2, R. 28.3.) Students enrolled in grades 7-12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of the Approved Courses for the Secondary Schools of Mississippi Manual. Enrollment in online and correspondence courses listed in this book must have prior approval granted by the principal. ~~No more than one (1) of the minimum required number of units may be earned through completion of an approved correspondence course.~~

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 ¹	English I English II
MATHEMATICS	4 ²	Algebra I or Integrated Math I
SCIENCE	3 ³	Biology I
SOCIAL STUDIES	3	1 World History ⁴ 1 U.S. History ⁴ ½ U.S. Government ½ Mississippi Studies ⁵
HEALTH	½ ^{6&7}	Contemporary Health ¹¹
BUSINESS and TECHNOLOGY or Computer Science	1 ⁸	1 Information and Communication Technology (ICT) II or 1 Science, Technology, Engineering & Mathematics (STEM) or 1 Technology Foundations or ½ Keyboarding and ½ Computer Applications¹²
THE ARTS	1 ⁹	Any approved 500.000 course
ELECTIVES	4½ ¹⁰	
TOTAL UNITS REQUIRED	21	

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

¹~~Compensatory English, Compensatory Reading, and Compensatory Writing may not be included in the four (4) English courses required for graduation; however, these courses may be included in the four and one half (4½) general electives required for graduation. Beginning school year 2014-2015, Compensatory English may only be taken if a credit bearing English course is taken in the same school year. MYP English I and MYP English II are accepted in lieu of the English I and English II requirements for students enrolled in the IB program.~~

²~~Compensatory Mathematics and any developmental mathematics course may not be included in the four (4) mathematics courses required for graduation; however, these courses may be included in the four and one half (4½) general electives required for graduation. Beginning school year 2014-2015, Compensatory Mathematics may only be taken if a credit bearing Math course is taken in the same school year. Beginning school year 2004-2005 for all entering eighth graders, at least one (1) of the four (4) required mathematics courses must be higher than Algebra I or Integrated Math I. The allowable mathematics courses that can be taken which are higher than Algebra I are: Geometry, Integrated Math II, Algebra II, Integrated Math III, CCSS Advanced Math Plus, Algebra III, SREB Math Ready, Calculus, AP Calculus AB, AP Calculus BC, and AP Statistics. Advanced Algebra, Trigonometry, Pre-Calculus, Discrete Mathematics, and Statistics meet this requirement if taken prior to the 2015-2016 school year. One (1) of the four (4) required mathematics units may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II. Effective with the eighth graders of 2004-2005, Pre-Algebra, Transition to Algebra, and Algebra I, may be taken in the eighth grade for Carnegie unit credit. Pre-Algebra and Transition to Algebra are no longer available after the 2013-2014 school year. Carnegie units may be earned by seventh and eighth graders effective with school year 2014-2015 for the following courses: CCSS Compacted Math Grade 7, CCSS Math Grade 8, CCSS Compacted Math Grade 8 (with Integrated Math I), and CCSS Math Grade 8 (with Algebra I/Traditional). MYP Geometry, MYP Algebra II, IB DP Mathematics I, IB DP Mathematics II, IB DP Mathematical Studies I, IB DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students.~~

³~~One (1) unit may be in Concepts of Agriscience or Introduction to Agriscience, and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agricultural Plants, Science of Agricultural Animals, or Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences. The allowable lab-based physical science courses are Physical Science, Chemistry, AP Chemistry, Physics, AP Physics B, AP Physics C – Electricity and Magnetism, AP Physics C – Mechanics, Polymer Science II, and Robotics/Engineering II. IB DP Physics I, IB DP Physics II, MYP Chemistry, and IB DP Chemistry may be accepted as allowable lab-based physical science courses for students enrolled in the IB program. MYP Biology and IB DP Biology I may be accepted in lieu of the Biology I requirement for students enrolled in an IB program. Effective with school year 2013-14, up to two (2) of the three (3) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. One (1) credit allowed shall be awarded for Biology II, and one-half (½) credit shall be awarded for Botany, and one-half (½) credit shall be awarded for Field Experiences in Science. Effective with eighth graders of school year 2013-14, Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit.~~

⁴~~**Based on the 2011 Mississippi Social Studies Framework**, A.P. World History can be accepted in lieu of the required World History from the Age of Enlightenment to Present course. A.P. United States History can be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A.P. Government and Politics: United States can be accepted in lieu of the required United States Government course. IB DP History of the Americas I is accepted in lieu of the required U.S. History course for students enrolled in the IB program. 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~~

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enrolled in the IB program. MYP U.S. Government is accepted in lieu of the required Government course for students enrolled in the IB program.

⁵The 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. Effective with eighth graders of school year 2013-14, Mississippi Studies and Geography may be taken in the eighth grade for Carnegie unit credit.

⁶Credit earned in Healthcare & Clinical Services I/Health Science I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health.

⁷Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health beginning in the 2010-2011 school year and thereafter, when instruction includes all health components in the JROTC curriculum.

⁸Evidence of proficiency in Keyboarding and Computer Applications is accepted in lieu of the required courses if the student earns one (1) unit in any of the courses listed in the *Business and Technology Framework* (academic and vocational). Information & Computer Technology (ICT) II may be accepted in lieu of Computer Discovery. A Carnegie unit earned for Science, Technology, Engineering, & Mathematics (STEM) in the 8th or 9th grade meets this graduation requirement. Technology Foundations replaces Computer Discovery, Keyboarding and Computer Applications and meets this graduation requirement when taken in grades 8-12. MYP Computer Discovery may be accepted in lieu of Computer Discovery for students enrolled in an IB program.

⁹Beginning school year 2015-2016, and thereafter, Digital Media may be accepted in lieu of the art requirement.

¹⁰Elective units in physical education include participation in interscholastic athletic activities, band, performance choral, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association.

¹¹Comprehensive Health or Family and Individual Health meet this requirement if taken prior to the 2014-2015 school year.

¹²Computer Discovery meets this requirement if taken prior to the 2012-2013 school year.

¹Carnegie units earned for Compensatory English courses cannot be included as any of the four (4) English Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Beginning school year 2014-2015, Compensatory English may be taken only if a credit-bearing English course is taken in the same school year. Accelerated English 9 can be accepted in lieu of English I. Accelerated English 10 and AP English Language Composition can be accepted in lieu of English II. Beginning school year 2010-2011 for all entering ninth graders, English I is a required prerequisite course for English II. English I may not be taken after a student completes English II.

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, these courses Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. At least two (2) of the four (4) required mathematics Carnegie units must be earned in courses higher than the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. One (1) of the four (4) required

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Carnegie units for mathematics may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II.

³For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience, and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences. Effective with school year 2013-14, up to two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. Effective with eighth graders of school year 2013-14, Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit.

⁴Based on the 2011 Mississippi Social Studies Framework, A.P. World History can be accepted in lieu of the required World History from the Age of Enlightenment to Present course. A.P. United States History can be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A.P. Government and Politics: United States can be accepted in lieu of the required United States Government course. A.P. Macroeconomics or A.P. Microeconomics can be taken in lieu of the required Economics course. A.P. Human Geography can be accepted in lieu of the required Geography course. MYP World Geography is accepted in lieu of the required Geography course for students enrolled in the IB program. IB-DP History of the Americas I is accepted in lieu of the required U.S. History course for students enrolled in the IB program. 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. MYP U.S. Government is accepted in lieu of the required Government course for students enrolled in the IB program.

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

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

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

⁸Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health beginning in the 2010-2011 school year and thereafter.

⁹Comprehensive Health or Family and Individual Health meet the health requirement if taken prior to the 2014-2015 school year. The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, band, show choir, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association.

¹⁰The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science and Project Lead the Way Introduction to Engineering, and any other computer science courses.

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¹¹Digital Media may be accepted in lieu of the art requirement for students.

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

**APPENDIX A-2
GRADUATION REQUIREMENTS
STANDARD 14**

(Ending with incoming ninth graders of 2017-2018)
SENIORS OF SCHOOL YEAR 2011-2012 (and thereafter)
~~(Entering ninth graders in 2008-2009 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 Curriculum Frameworks—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 7 Miss. Admin. Code Pt. 3, Ch. 28, R. 28.2, R. 28.3.) Students enrolled in grades 7-12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of the Approved Courses for the Secondary Schools of Mississippi Manual. Enrollment in online courses and correspondence courses listed in this book must have prior approval granted by the principal. ~~No more than one (1) of the minimum required number of units may be earned through completion of an approved correspondence course.~~

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

Beginning school year 2008-2009 and ending with school year 2017-2018, and thereafter, all entering ninth graders ~~(seniors of school year 2011-2012 and later)~~ will be required to have a minimum of 24 Carnegie units as specified below, unless their parent/guardian requests to opt the student out of Appendix A-2 requirements in accordance with local school board policy. ~~Any student who is taken out of these requirements of Appendix A-2 will be required to complete the graduation requirements as specified in Appendix A-1 (District Option).~~ All students must meet one of the graduation options as specified in the appendices. The local school district may establish additional local requirements approved by the local school board as authorized under Miss. Code Ann. § 37-16-7. **NOTE: This option will no longer be available for entering ninth graders after the 2017-2018 school year. New graduation requirements will go into effect for entering ninth graders for 2018-2019.**

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4 ¹	English I English II
MATHEMATICS	4 ²	Algebra I or Integrated Math I
SCIENCE	4 ³	Biology I
SOCIAL STUDIES	4	1 World History ⁴ 1 U.S. History ⁴ ½ Geography ⁴ ½ U.S. Government ½ Economics ⁵ ½ Mississippi Studies ⁴
HEALTH and PHYSICAL EDUCATION	1 ^{7&8}	½ Contemporary Health and ½ Physical Education ^{9&11}
BUSINESS and TECHNOLOGY or Computer Science	1 ¹⁰	1 Information and Communication Technology (ICT) II or 1 Science, Technology, Engineering & Mathematics (STEM) or 1 Technology Foundations or ½ Keyboarding and ½ Computer Applications¹⁰

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THE ARTS	1¹¹	Any approved 500.000 course
ELECTIVES	5¹²	
TOTAL UNITS REQUIRED	24	

APPENDIX A-2 (Continued)
GRADUATION REQUIREMENTS
STANDARD 14
(Ending with incoming ninth graders of 2017-2018)
SENIORS OF SCHOOL YEAR 2011-2012
~~**(Entering ninth graders in 2008-2009 and thereafter)**~~

¹~~Carnegie units earned for Compensatory English courses, Compensatory Reading, and Compensatory Writing may not be included in as any of the four (4) English courses Carnegie units required for graduation; however, these courses Carnegie units earned for these courses may be included in the five (5) general elective graduation requirements for graduation.~~ Beginning school year 2014-2015, Compensatory English may ~~only~~ 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 and AP English Language Composition can be accepted in lieu of English II. Beginning school year 2010-2011 for all entering ninth graders, English I is a required prerequisite course for English II. English I may not be taken after a student completes English II.

²~~Carnegie units earned for Compensatory Mathematics courses, cannot be included as any of the four (4) Math Carnegie units required for graduation; however, these courses Carnegie units earned for these courses may be included in the general elective graduation requirements.~~ ~~Compensatory Mathematics, Introduction to Engineering, and any developmental mathematics course may not be included in the four (4) mathematics courses required for graduation; however, these courses may be included in the five (5) general electives required for graduation.~~ Beginning school year 2014-2015, Compensatory Mathematics may ~~only~~ 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. ~~or Integrated Math I.~~ Beginning school year 2007-2008 for all entering eighth graders, ~~a~~At least two (2) of the four (4) required mathematics Carnegie unit courses must be earned in a course higher than the CCR Algebra I course. ~~or Integrated Math I.~~ Effective with ninth graders of 2010-2011, Survey of Mathematical Topics may not be included in the two (2) math courses higher than Algebra I. The allowable mathematics courses that can be taken which are higher than Algebra I or Integrated Math I are: Geometry, Integrated Math II, Algebra II, Integrated Math III, CCSS Advanced Math Plus, Algebra III, SREB Math Ready, Calculus, AP Calculus AB, AP Calculus BC, and AP Statistics. Advanced Algebra, Trigonometry, Pre-Calculus, Discrete Mathematics, and Statistics meet this requirement if taken prior to the 2015-2016 school year. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. One (1) of the four (4) required Carnegie units for mathematics units may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II. ~~One (1) of the four (4) required mathematics units may be in Survey of Mathematical Topics; however, this course does not meet the mathematics requirement for admission to institutions of higher learning.~~ Effective with the eighth graders of 2004-2005, Pre-Algebra, Transition to Algebra, and Algebra I may be taken in the eighth grade for Carnegie unit credit. Pre-Algebra, Transition to Algebra, and Survey of Mathematical Topics are no longer available after the 2013-2014 school year. Carnegie units may be earned by seventh and eighth graders effective with school year 2014-2015 for the following courses: CCSS Compacted Math Grade 7, CCSS Math Grade 8, CCSS Compacted Math Grade 8 (with Integrated Math I), and CCSS Math Grade 8 (with Algebra I/Traditional). Effective with the eighth graders of 2008-2009, Geometry may be taken in the eighth grade for Carnegie unit credit. Effective with 7th graders of 2012-13, Pre-Algebra, Algebra I, Biology I, ICT II (Information & Communication Technology), and first-year Foreign Language may be taken in the 7th grade for Carnegie unit credit provided the course content is the same as the high school course. Effective with 8th graders of 2012-2013, STEM (Science, Technology, Engineering, & Mathematics) and second-year Foreign Language may be taken in the 8th grade for Carnegie unit credit provided the course content is the same as the high school course. Effective with 8th graders of 2013-2014, Introduction to Agriscience may be taken for Carnegie unit credit provided the course content is the same as the high school course.

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³For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: ~~One (1) unit may be in Concepts of Agriscience or Introduction to Agriscience, and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences. Effective with school year 2013-2014, up to two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. Effective with eighth graders of school year 2013-2014, Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit. Beginning school year 2008-2009 for all entering eighth graders, one (1) unit must be a lab-based physical science. The allowable lab-based physical science courses are Physical Science, Chemistry, AP Chemistry, Physics, AP Physics B, AP Physics C – Electricity and Magnetism, AP Physics C – Mechanics, Polymer Science II, and Robotics/Engineering II. IB-DP Physics I, IB-DP Physics II, MYP Chemistry, and IB-DP Chemistry may be accepted as allowable lab-based physical science courses for students enrolled in the IB program. MYP Biology and IB-DP Biology I may be accepted in lieu of the Biology I requirement for students enrolled in an IB program. Effective with school year 2013-14, up to two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. One (1) credit allowed shall be awarded for Biology II, one half (½) credit shall be awarded for Botany, and one half (½) credit shall be awarded for Field Experiences in Science. Effective with eighth graders of school year 2013-14, Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit.~~

⁴Based on the *2011 Mississippi Social Studies Framework*, A.P. World History can be accepted in lieu of the required World History from the Age of Enlightenment to Present course. A.P. United States History can be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A.P. Government and Politics: United States can be accepted in lieu of the required United States Government course. A.P. Macroeconomics or A.P. Microeconomics can be taken in lieu of the required Economics course. A.P. Human Geography can be accepted in lieu of the required Geography course. MYP World Geography is accepted in lieu of the required Geography course for students enrolled in the IB program. IB-DP History of the Americas I is accepted in lieu of the required U.S. History course for students enrolled in the IB program. 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. MYP U.S. Government is accepted in lieu of the required Government course for students enrolled in the IB program. ~~Effective with eighth graders of school year 2013-14, Mississippi Studies and Geography may be taken in the eighth grade for Carnegie unit credit.~~

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

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

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

⁸Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health beginning in the 2010-2011 school year and thereafter.

⁹Comprehensive Health or Family and Individual Health meet the health requirement if taken prior to the 2014-2015 school year. The graduation requirement for one-half (½) unit in physical education may include participation in

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interscholastic athletic activities, band, show choir, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association.

¹⁰~~The following courses meet the Carnegie unit requirement for Technology and Computer Science: Evidence of proficiency in technology is accepted in lieu of the required courses if the student earns one (1) unit in a technology-rich academic or career technical course related to their program of study. Effective with school year 2012-2013, a Carnegie unit credit for ICT II (Information & Communication Technology) may be awarded to 7th grade students. Effective with school year 2012-2013, a Carnegie unit credit for STEM (Science, Technology, Engineering, & Mathematics) may be awarded to 8th grade students. ICT II may be accepted in lieu of Computer Discovery. A Carnegie unit earned for STEM in the 8th or 9th grade meets this graduation requirement. Technology Foundations replaces Computer Discovery, Keyboarding, and Computer Applications, and meets this graduation requirement when taken in grades 8-12. MYP Computer Discovery may be accepted in lieu of Computer Discovery for students enrolled in an IB program. Computer Discovery meets this requirement if taken prior to the 2012-2013 school year. ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science and Project Lead the Way Introduction to Engineering, and any other computer science courses.~~

¹¹~~Beginning school year 2015-2016, and thereafter, Digital Media may be accepted in lieu of the art requirement for students.~~

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

**APPENDIX A-3
GRADUATION REQUIREMENTS
STANDARD 14
CAREER PATHWAY OPTION**

**(ending with incoming ninth graders in 2016-2017)
~~SENIORS OF SCHOOL YEAR 2011-2012 (and thereafter)~~
~~(Entering eleventh graders in 2010-2011 and thereafter)~~**

In 2010, Mississippi state policymakers passed legislation to create multiple pathways to a standard diploma. The 2010 legislative actions created a career pathway to a standard diploma, with the goal of improving Mississippi graduation rates and providing students with career and technical training that prepares students for postsecondary credential or certification programs and employable workplace skills. This legislative change created Section § 37-16-17, *Mississippi Code of 1972*, as amended, to provide for high school career option programs and career track curricula for students not wishing to pursue a baccalaureate degree.

Enrollment in online and correspondence courses listed in this book must have prior approval granted by the principal. ~~No more than one (1) of the minimum required number of units may be earned through completion of an approved correspondence course.~~

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

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

APPENDIX A-3 (Continued)
GRADUATION REQUIREMENTS
STANDARD 14

CAREER PATHWAY OPTION

SENIORS OF SCHOOL YEAR 2011-2012 ~~(and thereafter)~~

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

Carnegie units earned for ^{*}Compensatory English courses, Compensatory Reading, and Compensatory Writing shall not be included in as any of the four (4) English courses—Carnegie units required for graduation—; however Carnegie units earned for these courses may be included in the general elective graduation requirements. Beginning school year 2014-2015, Compensatory English may only be taken if a credit-bearing English course is taken in the same school year. Accelerated English 9 can be accepted in lieu of English I. Accelerated English 10 and AP English Language Composition can be accepted in lieu of English II. Beginning school year 2010-2011 for all entering ninth graders, English I is a required prerequisite score for English II. English I cannot be taken after a student completes English II. The two (2) additional English credits must be from the student's program of study which includes Technical Writing, Creative Writing, English III, English IV, or any college-level dual credit courses.

²Carnegie units earned for Compensatory Mathematics courses may not be included in the three (3) mathematics courses—Carnegie units required for graduation—; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Beginning school year 2014-2015, Compensatory Mathematics may only be taken only if a credit-bearing Math course is taken in the same school year. CCRMathematics 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 or Integrated Math I. For students pursuing the Career Pathway Graduation Option, at least one (1) of the required mathematics Carnegie unit courses must be earned in a course higher than above Algebra I or Integrated Math I and selected from the student's program of study. Foundations of Algebra shall only be available for ninth grade students. The allowable mathematics courses that can be taken which are higher than Algebra I or Integrated Math I are: Geometry, Integrated Math II, Algebra II, Integrated Math III, CCSS Advanced Math Plus, Algebra III, SREB Math Ready, Calculus, AP Calculus AB, AP Calculus BC, and AP Statistics, or any college-level dual credit courses. Survey of Mathematical Topics, Advanced Algebra, Trigonometry, Pre-Calculus, Discrete Mathematics, and Statistics meet this requirement if taken prior to the 2015-2016 school year. Effective with the eighth graders of 2004-2005, Pre-Algebra, Transition to Algebra, and Algebra I may be taken in the eighth grade for Carnegie unit credit. Effective with the eighth graders of 2008-2009, Geometry may be taken in the eighth grade for Carnegie unit credit. Pre-Algebra and Transition to Algebra are no longer available after the 2013-2014 school year. Carnegie units may be earned by seventh and eighth graders effective with school year 2014-2015 for the following courses: CCSS Compacted Math Grade 7, CCSS Math Grade 8, CCSS Compacted Math Grade 8 (with Integrated Math I), and CCSS Math Grade 8 (with Algebra I/Traditional).

³For students pursuing the Career Pathway Graduation Option, at least one (1) of the required science Carnegie units courses must be above earned in a course higher than Biology I and selected from the student's program of study. If a student's program of study allows, For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience (AEST) or Introduction to Agriscience, and a —A second science unit may be earned by completing a two-course sequence selected from the following options: Science of Agricultural Animals, Science of Agricultural Plants, or Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the two-course sequence: Healthcare & Clinical Services I & II, Health Science I & II; Aquaculture I & II; Forestry I & II; Horticulture I & II; Polymer Science I & II; and Engineering I & II. Effective with school year 2013-14, up to two (2) of the three (3) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. One (1) credit allowed shall be awarded for Biology II, and one half (½) credit shall be awarded for Botany, and one half (½) credit shall be awarded for Field Experiences in Science. Effective with eighth graders of school year 2013-14, Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit.

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

⁵The Carnegie credit unit earned for a State/Local Government course in any other state by an out-of-state transfer student who enters after the sophomore year can stand in lieu of Mississippi Studies or Mississippi State and Local Government. If the transfer student took a State/Local Government course in a grade level that did not award Carnegie unit credit, then any other one-half (½) unit social studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other one-half (½) unit social studies course. Credit earned for Business Fundamentals or Business Fundamentals II may be accepted in lieu of one-half (½) unit in Economics. ~~Effective with eighth graders of school year 2013-14, Mississippi Studies, Geography and Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit.~~

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

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

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

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

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

APPENDIX A-4
GRADUATION REQUIREMENTS
STANDARD 14
MISSISSIPPI EARLY EXIT DIPLOMA
(ending with incoming ninth graders in 2017-2018)
~~SENIORS OF SCHOOL YEAR 2013-2014 (and thereafter)~~
~~(Entering ninth graders in 2011-2012 and thereafter)~~

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

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

Enrollment in online and correspondence courses listed in this book must have prior approval granted by the principal. ~~No more than one (1) of the minimum required number of units may be earned through completion of an approved correspondence course.~~

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	2	English II (equivalent Course)
MATHEMATICS	3	Algebra I (Equivalent Course)
SCIENCE	2	Biology I (Equivalent Course)
SOCIAL STUDIES	2½	1 World History 1 U.S. History (Equivalent Courses) ½ Mississippi Studies
HEALTH and PHYSICAL EDUCATION	1	Any combination of Health and Physical Education
BUSINESS and TECHNOLOGY or <u>COMPUTER SCIENCE</u>	1	Technology Foundations; Information and Communication Technology (ICT) II; or Science, Technology, Engineering, and Mathematics (STEM)
THE ARTS	1	Any approved 500,000 course
ELECTIVES	5	(Should focus on college admission or national certification requirements)
TOTAL UNITS REQUIRED	17½	

APPENDIX A-4

Equivalency Chart for Innovative Programs

Authorized by the State Board of Education

Equivalency Curriculum Chart for MS Tested Areas

MS Curriculum	Cambridge	Innovative High School	Quality Core ACT
Algebra I or Integrated Math I	Cambridge IGCSE Mathematics I Or Cambridge IGSE Extended Sequence	Integrated Mathematics I	ACT Quality Core Algebra I
Biology I	Coordinated Science I Or Cambridge IGCSE Biology	Integrated Science II	ACT Quality Core Biology I
English II	Cambridge IGCSE English Language	Integrated English Language II	ACT Quality Core English II
US History	Cambridge IGCSE American History	Integrated History II	ACT Quality Core American History

Equivalency Test Chart for MS Tested Areas

MS Curriculum	Cambridge	Innovative High School	Quality Core ACT
Algebra I	Cambridge Mathematics End of Sequence Test	PLAN or ACT	ACT Quality Core Algebra I EOC Test
Biology I	Coordinated Science I or Cambridge IGCSE Biology End of Course (EOC) Test	PLAN or ACT	ACT Quality Core Biology I EOC Test
English II	Cambridge IGCSE English Language EOC Test	PLAN or ACT	ACT Quality Core English II EOC Test
US History	Cambridge IGCSE American History EOC Test	PLAN or ACT	ACT Quality Core American History EOC Test

Appendix A-5
ADDITIONAL OPTIONS IN LIEU OF SATP
7 MISS. ADMIN. CODE PT. 3, CH. 36, R. 36.4 (EFFECTIVE 2013-2014 SCHOOL YEAR)

7 Miss. Admin. Code Pt. 3, Ch. 36, R. 36.4~~5~~, provides approved options for students to meet high school end-of-course Subject Area Test requirements for graduation through approved alternate measures. ~~State Board Policy 3804~~ 7 Miss. Admin. Code Pt. 3, Ch. 36, R. 36.5 applies to past, current, and future graduates and allows a student to meet the graduation requirements once he or she has failed to pass any required end-of-course Subject Area Test one (1) time.

The following graduation options provide opportunities for students to obtain a certain score or level on the ACT, ASVAB, ACT WorkKeys, MS-CPAS2, or other state-approved industry certifications. Students also may obtain a grade of “C” or higher in a dual credit/dual enrollment course, corresponding to the EOC assessment that was not passed.

Notes:

- ACT sub-scores resulting from non-college reportable accommodations **can** be used for graduation options, but the scores are non-college reportable.
- ACT sub-scores resulting from Residual ACT Testing **cannot** be used for graduation options.
- This option is available regardless of when the student took the SATP2, PARCC, or MAP assessments.
- The college credit option is only applicable if the student is enrolled in high school and college at the same time.
- The Graduation Options listed below are applicable to any Subject Area Testing Program assessment.

Assessment Options	Math	Science	English	Social Studies
ACT	17	17	17	17
Dual Credit/Enrollment	C or higher in MAT credit-bearing course College Algebra	C or higher in BIO credit-bearing course College Biology	C or higher in ENG credit-bearing course English Comp I	C or higher in HS credit-bearing course American History
ASVAB + MS-CPAS2 OR Industry Certification	ASVAB (PICAT prescreen scores are not allowable) score of 36 plus one (1) of the following: 1. CPAS score that meets the attainment level assigned by Federal Perkins requirements OR 2. Earn approved Industry Certification specified in the Career Pathway’s Assessment Blueprint			
ACT Work Keys + MS-CPAS2 OR Industry Certification	WorkKeys Silver Level plus one (1) of the following: 1. CPAS score that meets the attainment level assigned by Federal Perkins requirements OR 2. Earn approved Industry Certification specified in the Career Pathway’s Assessment Blueprint.			

Concordance Tables

7 MISS. ADMIN. CODE PT. 3, CH. 36, R. 36.2 (EFFECTIVE 2014-2015 SCHOOL YEAR)

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

MAP English II (Senior Only Retest & Spring 2016)

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

The passing score for MAP English II is 1050.

MAP Algebra I (Senior Only Retest, Fall 2016, Spring 2016)

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

The passing score for MAP Algebra I is 1050.

MAP Fall 2016-English II

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

The passing score for MAP English II is 1050.

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PARCC Fall 2014 & Spring 2015-English II

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

The passing score for PARCC English II is 725.

PARCC Fall 2014 & Spring 2015-Algebra I

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

The passing score for PARCC Algebra I is 725.

SATP2 English II

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

The passing score for SATP2 English II is 645.

SATP2 Algebra I

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

The passing score from SATP2 Algebra I is 647.

SATP2 Biology I

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

The passing score for SATP2 Biology I is 645.

SATP2 U.S. History

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

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

7 MISS. ADMIN. CODE PT. 3, CH. 36, R. 36.3 (EFFECTIVE 2015-2016 SCHOOL YEAR)

Composite (Combined) Score

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

Section 1 (PARCC and SATP2 Assessments)

- I. Calculate the Transformed Score for the PARCC assessments by using the following formulas:
 - To transform a PARCC Algebra I Score:
Student’s PARCC Algebra I Scale Score – 78 points
 - To transform a PARCC English II Score:
Student’s PARCC English II Scale Score – 80 points
- II. Calculate the student’s composite (combined) score by determining the average score across all four assessments.

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

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

Section 2 (Only SATP2 Assessments)

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

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

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

Section 3 (MAP and SATP2 Assessments)

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

- To transform a MAP Algebra I Score:
Student’s MAP Algebra I Scale Score – 403 points
- To transform a MAP English II Score:
Student’s MAP English II Scale Score – 405 points

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

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

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

APPENDIX A-5

Section 4 (PARCC, MAP, and SATP2 Assessments)

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

- To transform a PARCC Algebra I Score:
Student's PARCC Algebra I Scale Score – 78 points
- To transform a PARCC English II Score
Student's PARCC English II Scale Score – 80 points
- To transform a MAP Algebra I Score
Student's MAP Algebra I Scale Score – 403 points
- To transform a MAP English II Score
Student's MAP English II Scale Score – 405 points

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

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

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

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

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

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

Other Graduation Options

The following graduation options provide opportunities for students to obtain a certain score or level on the ACT, ASVAB, ACT WorkKeys, MS CPAS2, or other state approved industry certifications. Students also may obtain a grade of “C” or higher in a dual credit/dual enrollment course, corresponding to the EOC assessment that was not passed.

Assessment Options	Algebra I	Biology I	English II	U.S. History
ACT	17 (ACT Math Sub-Score)	17 (ACT Science Sub-Score)	17 (ACT English Sub-Score)	17 (ACT Reading Sub-Score)
Dual Credit/ Dual Enrollment/ College Credit	C or higher in MAT credit-bearing course	C or higher in BIO credit-bearing course	C or higher in ENG credit-bearing course	C or higher in HIS credit-bearing course

Notes:

- ACT sub-scores resulting from non-college reportable accommodations can be used for graduation options, but the scores are non-college reportable.
- ACT sub-scores resulting from Residual ACT Testing cannot be used for graduation options.
- This option is available regardless of when the student took the SATP2, PARCC, or MAP assessments.

The Graduation Options listed below are applicable to any Subject Area Testing Program assessment.

ASVAB + MS CPAS or Industry Certification	Must have an ASVAB AFQT score of 36 plus one of the following: 1. CPAS score that meets the attainment level assigned by Federal Perkins requirements (Year 1 and 2 combined for an average of 60 or above) OR 2. Industry certification attainment based upon industry standards (only MDE approved certifications may be used)
ACT WorkKeys + MS CPAS2 or Industry Certification	Must have a WorkKeys Silver Level plus one of the following: 1. CPAS score that meets the attainment level assigned by Federal Perkins requirements (Year 1 and 2 combined for an average of 60 or above) OR 2. Industry certification attainment based upon industry standards (only MDE approved certifications may be used)

Note: The college credit option is only applicable if the student is enrolled in high school and college at the same time.

**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 7 Miss. Admin. Code Pt. 3, Ch. 28, R. 28.2, R. 28.3.) Students enrolled in grades 7 – 12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of the *Approved Courses for the Secondary Schools of Mississippi Manual*. Enrollment in online courses listed in this book must have prior approval granted by the principal.

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

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

<u>CURRICULUM AREA</u>	<u>CARNEGIE UNITS</u>	<u>REQUIRED SUBJECTS</u>
<u>ENGLISH</u>	<u>4¹</u>	<u>English I</u> <u>English II</u>
<u>MATHEMATICS</u>	<u>4²</u>	<u>Algebra I</u>
<u>SCIENCE</u>	<u>3³</u>	<u>Biology I</u>
<u>SOCIAL STUDIES</u>	<u>3.5</u>	<u>1 World History⁴</u> <u>1 U.S. History⁴</u> <u>½ U.S. Government⁴</u> <u>½ Economics⁵</u> <u>½ Mississippi Studies⁶</u>
<u>PHYSICAL EDUCATION</u>	<u>.5⁷</u>	<u>½ Physical Education</u>
<u>HEALTH</u>	<u>.5⁸</u>	<u>½ Contemporary Health</u>
<u>TECHNOLOGY or COMPUTER SCIENCE</u>	<u>1⁹</u>	
<u>THE ARTS</u>	<u>1¹⁰</u>	
<u>COLLEGE and CAREER READINESS</u>	<u>1¹¹</u>	
<u>ELECTIVES</u>	<u>5.5</u>	
<u>TOTAL UNITS REQUIRED</u>	<u>24^{12&13}</u>	

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

¹Carnegie units earned for Compensatory English courses cannot be included as any of the four (4) English Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory English may be taken only if a credit-bearing English course is taken in the same school year. Accelerated English 9 can be accepted in lieu of English I. Accelerated English 10 and AP English Language Composition can be accepted in lieu of English II. English I is a required prerequisite course for English II. English I may not be taken after a student completes English II.

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. At least two (2) of the four (4) required mathematics Carnegie units must be earned in courses higher than the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. One (1) of the four (4) required Carnegie units for mathematics may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II.

³For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience, and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

⁴Based on the 2011 Mississippi Social Studies Framework, A.P. World History can be accepted in lieu of the required World History from the Age of Enlightenment to Present course. A.P. United States History can be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A.P. Government and Politics: United States can be accepted in lieu of the required United States Government course. IB-DP History of the Americas I is accepted in lieu of the required U.S. History course for students enrolled in the IB program. 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. MYP U.S. Government is accepted in lieu of the required Government course for students enrolled in the IB program.

⁵Carnegie credit earned for Business Fundamentals or Business Fundamentals II may be accepted in lieu of one-half (½) unit in Economics. A.P. Macroeconomics or A.P. Microeconomics can be taken in lieu of the required Economics course.

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

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

⁷The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, band, show choir, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, band, performance choral, show choir, dance or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required state units. If a local district has graduation requirements above the state requirements, they may award additional credits as outlined in the local Board policy.

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

⁹The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science and Project Lead the Way Introduction to Engineering, and any other computer science courses.

¹⁰Digital Media may be accepted in lieu of the art requirement for students.

¹¹The College and Career Readiness course is for seniors only, unless a student is graduating prior to the student's graduation cohort. For early graduates, this course may be taught during the spring semester of the junior year. Courses that meet this requirement will be identified during the 2018-19 school 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
- For early release, students must meet College or Career Readiness Benchmarks that allow students to attend postsecondary without remediation or demonstrate work ready requirements

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

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

APPENDIX A-7
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 7 Miss. Admin. Code Pt. 3, Ch. 28, R. 28.2, R. 28.3.) Students enrolled in grades 7 – 12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of the *Approved Courses for the Secondary Schools of Mississippi Manual*. Enrollment in online courses listed in this book must have prior approval granted by the principal.

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

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4¹	English I English II
MATHEMATICS	4²	Algebra I
SCIENCE	3³	Biology I
SOCIAL STUDIES	3.5	1 World History⁴ 1 U.S. History⁴ ½ U.S. Government⁴ ½ Economics⁵ ½ Mississippi Studies⁶
PHYSICAL EDUCATION	.5⁷	½ Physical Education
HEALTH	.5⁸	½ Contemporary Health
TECHNOLOGY or COMPUTER SCIENCE	1⁹	
THE ARTS	1¹⁰	Any approved 500 course
COLLEGE AND CAREER READINESS	1¹¹	
CAREER and TECHNICAL	4	
ELECTIVES	3.5	
TOTAL UNITS REQUIRED	26^{12&13}	

APPENDIX A-7 (Continued)
GRADUATION REQUIREMENTS

STANDARD 14

TRADITIONAL DIPLOMA WITH CAREER AND TECHNICAL ENDORSEMENT

(Entering ninth graders in 2018-2019 and thereafter)

¹Carnegie units earned for Compensatory English courses cannot be included as any of the four (4) English Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory English may be taken only if a credit-bearing English course is taken in the same school year. Accelerated English 9 can be accepted in lieu of English I. Accelerated English 10 and AP English Language Composition can be accepted in lieu of English II. English I is a required prerequisite course for English II. English I may not be taken after a student completes English II.

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. At least two (2) of the four (4) required mathematics Carnegie units must be earned in courses higher than the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. One (1) of the four (4) required Carnegie units for mathematics may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II.

³For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience, and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

⁴Based on the 2011 Mississippi Social Studies Framework, A.P. World History can be accepted in lieu of the required World History from the Age of Enlightenment to Present course. A.P. United States History can be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A.P. Government and Politics: United States can be accepted in lieu of the required United States Government course. IB-DP History of the Americas I is accepted in lieu of the required U.S. History course for students enrolled in the IB program. 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. MYP U.S. Government is accepted in lieu of the required Government course for students enrolled in the IB program.

⁵Carnegie credit earned for Business Fundamentals or Business Fundamentals II may be accepted in lieu of one-half (½) unit in Economics. A.P. Macroeconomics or A.P. Microeconomics can be taken in lieu of the required Economics course.

APPENDIX A-7 (Continued)
GRADUATION REQUIREMENTS

STANDARD 14

TRADITIONAL DIPLOMA WITH CAREER AND TECHNICAL ENDORSEMENT

(Entering ninth graders in 2018-2019 and thereafter)

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

⁷The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, band, show choir, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, band, performance choral, show choir, dance or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required state units. If a local district has graduation requirements above the state requirements, they may award additional credits as outlined in the local Board policy.

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

⁹The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science and Project Lead the Way Introduction to Engineering, and any other computer science courses.

¹⁰Digital Media may be accepted in lieu of the art requirement for students.

¹¹The College and Career Readiness course is for seniors only, unless a student is graduating prior to the student's graduation cohort. For early graduates, this course may be taught during the spring semester of the junior year. Courses that meet this requirement will be identified during the 2018-19 school year.

¹²Additional requirements above the 26 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.
- For early release, students must meet College or Career Readiness Benchmarks that allow students to attend postsecondary without remediation or demonstrate work ready requirements
- Earn an overall GPA of 2.5
- Earn silver level on ACT WorkKeys
- Must successfully complete **one** of the following:
 - One CTE dual credit
 - A Career Pathway Experience
 - Earn a State Board of Education approved national credential

APPENDIX A-7 (Continued)
GRADUATION REQUIREMENTS

STANDARD 14

TRADITIONAL DIPLOMA WITH CAREER AND TECHNICAL ENDORSEMENT

(Entering ninth graders in 2018-2019 and thereafter)

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

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

APPENDIX A-8
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 7 Miss. Admin. Code Pt. 3, Ch. 28, R. 28.2, R. 28.3.) Enrollment in online courses listed in this book must have prior approval granted by the principal.

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

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

<u>CURRICULUM AREA</u>	<u>CARNEGIE UNITS</u>	<u>REQUIRED SUBJECTS</u>
<u>ENGLISH</u>	<u>4¹</u>	<u>English I English II</u> <u>Two additional English Courses above English II</u>
<u>MATHEMATICS</u>	<u>4²</u>	<u>Algebra I</u> <u>Two additional Math Courses above Algebra I</u>
<u>SCIENCE</u>	<u>3³</u>	<u>Biology I</u> <u>Two additional science courses above Biology I</u>
<u>SOCIAL STUDIES</u>	<u>3.5</u>	<u>1 World History⁴</u> <u>1 U.S. History⁴</u> <u>½ U.S. Government⁴</u> <u>½ Economics⁵</u> <u>½ Mississippi Studies⁶</u>
<u>PHYSICAL EDUCATION</u>	<u>.5⁷</u>	<u>½ Physical Education</u>
<u>HEALTH</u>	<u>.5⁸</u>	<u>½ Contemporary Health</u>
<u>TECHNOLOGY or COMPUTER SCIENCE</u>	<u>1⁹</u>	
<u>THE ARTS</u>	<u>1¹⁰</u>	<u>Any approved 500 course</u>
<u>COLLEGE and CAREER READINESS</u>	<u>1¹¹</u>	
<u>ELECTIVES</u>	<u>7.5</u>	<u>Must Include College Preparatory curriculum requirements</u>
<u>TOTAL UNITS REQUIRED</u>	<u>26^{12&13}</u>	

APPENDIX A-8 (Continued)
GRADUATION REQUIREMENTS

STANDARD 14

TRADITIONAL DIPLOMA with an ACADEMIC ENDORSEMENT
(Entering ninth graders in 2018-2019 and thereafter)

¹Carnegie units earned for Compensatory English courses cannot be included as any of the four (4) English Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory English may be taken only if a credit-bearing English course is taken in the same school year. Accelerated English 9 can be accepted in lieu of English I. Accelerated English 10 and AP English Language Composition can be accepted in lieu of English II. English I is a required prerequisite course for English II. English I may not be taken after a student completes English II.

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. At least two (2) of the four (4) required mathematics Carnegie units must be earned in courses higher than the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. One (1) of the four (4) required Carnegie units for mathematics may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II.

³For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience, and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

⁴Based on the *2011 Mississippi Social Studies Framework*, A.P. World History can be accepted in lieu of the required World History from the Age of Enlightenment to Present course. A.P. United States History can be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A.P. Government and Politics: United States can be accepted in lieu of the required United States Government course. IB-DP History of the Americas I is accepted in lieu of the required U.S. History course for students enrolled in the IB program. 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. MYP U.S. Government is accepted in lieu of the required Government course for students enrolled in the IB program.

⁵Carnegie credit earned for Business Fundamentals or Business Fundamentals II may be accepted in lieu of one-half (½) unit in Economics. A.P. Macroeconomics or A.P. Microeconomics can be taken in lieu of the required Economics course.

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

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

⁷The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, band, show choir, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, band, performance choral, show choir, dance or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required state units. If a local district has graduation requirements above the state requirements, they may award additional credits as outlined in the local Board policy.

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

⁹The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science and Project Lead the Way Introduction to Engineering, and any other computer science courses.

¹⁰Digital Media may be accepted in lieu of the art requirement for students.

¹¹The College and Career Readiness course is for seniors only, unless a student is graduating prior to the student's graduation cohort. For early graduates, this course may be taught during the spring semester of the junior year. Courses that meet this requirement will be identified during the 2018-19 school year.

¹²Additional requirements above the 26 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.
- For early release, students must meet College or Career Readiness Benchmarks that allow students to attend postsecondary without remediation or demonstrate work-ready requirements.
- Earn an overall GPA of 2.5
- Courses must meet MS IHL college preparatory curriculum (CPC) requirements
- Earn MS college readiness benchmarks (ACT sub scores or completion of appropriate college-ready courses in senior year)
- Must successfully complete **one** of the following:
 - One AP course and take the appropriate AP exam
 - One IB course and take the appropriate IB exams
 - One dual credit course and earn a non-weighted C in the course

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

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

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

APPENDIX A-9
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 7 Miss. Admin. Code Pt. 3, Ch. 28, R. 28.2, R. 28.3.) Enrollment in online courses listed in this book must have prior approval granted by the principal.

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

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

<u>CURRICULUM AREA</u>	<u>CARNEGIE UNITS</u>	<u>REQUIRED SUBJECTS</u>
<u>ENGLISH</u>	<u>4¹</u>	<u>English I English II</u> <u>Two additional English Courses above English II</u>
<u>MATHEMATICS</u>	<u>4²</u>	<u>Algebra I</u> <u>Two additional Math Courses above Algebra I</u>
<u>SCIENCE</u>	<u>4³</u>	<u>Biology I</u> <u>Two additional science courses above Biology I</u>
<u>SOCIAL STUDIES</u>	<u>4</u>	<u>1 World History⁴</u> <u>1 U.S. History⁴</u> <u>½ U.S. Government⁴</u> <u>½ Economics⁵</u> <u>½ Mississippi Studies⁶</u>
<u>PHYSICAL EDUCATION</u>	<u>.5⁷</u>	<u>½ Physical Education</u>
<u>HEALTH</u>	<u>.5⁸</u>	<u>½ Contemporary Health</u>
<u>TECHNOLOGY or COMPUTER SCIENCE</u>	<u>1⁹</u>	
<u>THE ARTS</u>	<u>1¹⁰</u>	
<u>COLLEGE and CAREER READINESS</u>	<u>1¹¹</u>	
<u>ELECTIVES</u>	<u>7.5</u>	<u>Must Include two IHL advanced electives</u> <u>Must meet College Preparatory Curriculum (CPC)</u>
<u>TOTAL UNITS REQUIRED</u>	<u>28^{12&13}</u>	

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

¹Carnegie units earned for Compensatory English courses cannot be included as any of the four (4) English Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory English may be taken only if a credit-bearing English course is taken in the same school year. Accelerated English 9 can be accepted in lieu of English I. Accelerated English 10 and AP English Language Composition can be accepted in lieu of English II. English I is a required prerequisite course for English II. English I may not be taken after a student completes English II.

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. At least two (2) of the four (4) required mathematics Carnegie units must be earned in courses higher than the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. One (1) of the four (4) required Carnegie units for mathematics may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II.

³For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience, and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Robotics/Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences II or Workplace and Employment Skills in Health Sciences. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II.

⁴Based on the 2011 Mississippi Social Studies Framework, A.P. World History can be accepted in lieu of the required World History from the Age of Enlightenment to Present course. A.P. United States History can be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A.P. Government and Politics: United States can be accepted in lieu of the required United States Government course. IB-DP History of the Americas I is accepted in lieu of the required U.S. History course for students enrolled in the IB program. 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. MYP U.S. Government is accepted in lieu of the required Government course for students enrolled in the IB program.

⁵Carnegie credit earned for Business Fundamentals or Business Fundamentals II may be accepted in lieu of one-half (½) unit in Economics. A.P. Macroeconomics or A.P. Microeconomics can be taken in lieu of the required Economics course.

APPENDIX A-9 (Continued)
GRADUATION REQUIREMENTS
STANDARD 14

TRADITIONAL DIPLOMA with a DISTINGUISHED ACADEMIC ENDORSEMENT
(Entering ninth graders in 2018-2019 and thereafter)

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

⁷The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, band, show choir, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, band, performance choral, show choir, dance or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required state units. If a local district has graduation requirements above the state requirements, they may award additional credits as outlined in the local Board policy.

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

⁹The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science and Project Lead the Way Introduction to Engineering, and any other computer science courses.

¹⁰Digital Media may be accepted in lieu of the art requirement for students.

¹¹The College and Career Readiness course is for seniors only, unless a student is graduating prior to the student's graduation cohort. For early graduates, this course may be taught during the spring semester of the junior year. Courses that meet this requirement will be identified during the 2018-19 school year.

¹²Additional requirements above the 28 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.
- For early release, students must meet College or Career Readiness Benchmarks that allow students to attend postsecondary without remediation or demonstrate work ready requirements
- Earn an overall GPA of 3.0
- Courses must meet MS IHL CPC recommended requirements
- Earn national college readiness benchmarks on each subtest established by ACT or SAT
- Must successfully complete one of the following:
 - One AP course and take the appropriate AP exam
 - One IB course and take the appropriate IB exams
 - One dual credit course earning a non-weighted B or higher in the course

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

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

APPENDIX A-10
GRADUATION REQUIREMENTS
ALTERNATE DIPLOMA OPTION

NOTE: This option may be offered by districts for incoming ninth graders of 2018-2019 for students with significant cognitive disabilities.

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 credits 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 Manual.

Any student with a significant cognitive disability who completes the minimum graduation requirements as specified below and has achieved a score of 3 or higher on each of the required high school alternate assessments is eligible to receive an Alternate Diploma. The local school district may establish additional local requirements approved by the local school board as authorized under Miss. Code Ann. § 37-16-7.

<u>CURRICULUM AREA</u>	<u>CREDITS</u>	<u>REQUIRED SUBJECTS</u>
<u>ENGLISH</u>	<u>4</u>	<u>Alternate English I-IV</u>
<u>MATHEMATICS</u>	<u>4</u>	<u>Alternate Math I-III,</u> <u>Alternate Algebra</u>
<u>SCIENCE</u>	<u>3</u>	<u>Alternate Biology</u> <u>Alternate Science II</u>
<u>SOCIAL STUDIES</u>	<u>2</u>	<u>Alternate History</u> <u>Alternate Social Studies</u>
<u>HEALTH</u>	<u>½</u>	<u>Alternate Health</u>
<u>PHYSICAL EDUCATION</u>	<u>1¹</u>	<u>Physical Education</u>
<u>VOCATIONAL READINESS</u>	<u>4²</u>	<u>Career Readiness I-IV</u>
<u>LIFE SKILLS DEVELOPMENT</u>	<u>4</u>	<u>Life Skills Development I-IV</u>
<u>THE ARTS</u>	<u>1</u>	
<u>ELECTIVES</u>	<u>2³</u>	
<u>TOTAL UNITS REQUIRED</u>	<u>24</u>	

APPENDIX A-10 (Continued)
GRADUATION REQUIREMENTS
ALTERNATE DIPLOMA OPTION

NOTE: This option may be offered by districts for incoming ninth graders of 2018-2019 for students with significant cognitive disabilities.

¹Elective units in physical education include participation in interscholastic athletic activities, band, performance choral, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association.

²Evidence 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.

³Only one (1) elective unit in physical education including participation in interscholastic athletic activities, band, performance choral, dance or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required state units. If a local district has graduation requirements above the state requirements, they may award additional credits as outlined in the local Board policy

APPENDIX A-11
Certificate of Completion

Note: This option may be offered by districts for incoming freshmen beginning in 2017-2018

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

- The student with an IEP has been unsuccessful in meeting the requirements of either the Traditional Diploma or the Alternate Diploma, and
- Student with an IEP has reached the maximum age of service under IDEA, which in Mississippi is age 20.

The student's IEP Committee determines the course of study for the Certificate of Completion. Areas of instruction should be developed based on the needs of the individual student.

All students are required to participate in the Mississippi Assessment Program.



*Mississippi Public
School Accountability
Standards, 2016*

Graduation Requirements:
Appendix G
Revisions

**Summary of Mississippi Public School Accountability Standards, 2016
Justification Changes for School Year 2017-2018 and School Year 2018-2019**

Changes to graduation requirements for 2017-2018 based on Senate Bill 2432

Accountability Standards Appendix	Title	Changes and Justifications
Appendix G	Mississippi Occupational Diploma (MOD)	<p>Option is no longer available for students entering high school due to passage of Senate Bill 2432 (Entering Ninth Graders no longer have this option after school year 2016-2017)</p> <p>In lieu of completing a two-year Career/Technical (Vocational) Program, students with disabilities may document a minimum of five hundred forty (540) hours of successful, paid or unpaid employment, paid or unpaid internships, or paid or unpaid apprenticeships.</p>

MISSISSIPPI OCCUPATIONAL DIPLOMA STANDARD 14.4

SENIORS OF SCHOOL YEAR 2008-2009 AND LATER
(ending with entering ninth graders in 2016-2017 ~~Entering ninth graders in 2005-2006 and thereafter~~)

In accordance with Miss. Code Ann. § 37-16-11(2), the State Board of Education has approved criteria for an occupational diploma for students with disabilities **who entered the 9th grade prior to the 2017-2018 school year. The Mississippi Occupational Diploma will no longer be an option for students with disabilities beginning with students entering 9th grade in the 2017-2018 school year.** The Mississippi Occupational Diploma provides an option for students with disabilities that emphasizes high expectations in both academics and work experiences. ~~that will assist students in acquiring and maintaining the necessary competencies and skills needed to secure and retain competitive employment.~~ The primary postgraduate goal for these students is competitive employment.

- The decision regarding participation in the Mississippi Occupational Diploma program will be made by the student's Individualized Education Program (IEP) committee, which must include a school counselor. Instructional program and diploma options are to be reviewed annually by the IEP committee and revisions made as necessary.
- The Mississippi Occupational Diploma program may be implemented in any Least Restrictive Environment deemed appropriate by the IEP committee. Students in the occupational diploma program may earn credits by successfully completing course work selected from the general education curriculum and/or special education courses as agreed upon by the student's IEP committee.
- Students with disabilities choosing to participate in the Mississippi Occupational Diploma program must earn a minimum of 21 course credits and complete an occupational diploma portfolio containing a collection of evidence of the student's knowledge, skills, and abilities.
- Students with disabilities choosing to participate in the Mississippi Occupational Diploma program must successfully complete a two-year Career/Technical (Vocational) Program. In lieu of completing a two-year Career/Technical (Vocational) Program, students with disabilities may document a minimum of five hundred forty (540) hours of successful, paid **or unpaid** employment, **paid or unpaid internships, or paid or unpaid apprenticeships.**
- Prior to graduation, an exit IEP committee meeting must be held to evaluate accomplishment of the goals and objectives on the IEP and the completion of all requirements for the Mississippi Occupational Diploma. At this meeting, the student will present the completed Mississippi Occupational Diploma Portfolio for review by the IEP committee.
- The final Mississippi Occupational Diploma Portfolio will be reviewed and approved prior to graduation by the principal or a designee.

For additional details, see the State Board of Education approved guidelines for the Mississippi Occupational Diploma at http://www.mde.k12.ms.us/special_education/pdfs/occupat_diploma.pdf.



MISSISSIPPI
DEPARTMENT OF
EDUCATION

Ensuring a bright *future* for every child

*Mississippi Public
School Accountability
Standards, 2016*

Graduation Requirements:

Standard 14

Revisions

Process Standard 14 Justification

Process Standard Number	Process Standard Description	Change and Justification
14.1	Remove language “four (4)” to reflect changes in Career and Mississippi Occupations Diploma (MOD) Pathways	SB 2432 ended MOD and Career Diploma options for incoming 9 th graders of 2017-2018
14.1.1	District Option Pathway – To end with incoming 9 th graders of 2017-2018	Reflect changes for 2018-2019 new requirements
14.1.2	Traditional Diploma Pathway - To end with incoming 9 th graders of 2017-2018	Reflect changes for 2018-2019 new requirements
14.1.3	Career Pathway Option – Ended with incoming 9 th graders of 2016-2017	SB 2432 removed this as an option for incoming 9 th graders effective 2017-2018
14.1.4	No Change	
14.1.5	No Change	
14.1.6	Early Exit Diploma - To end with incoming 9 th graders of 2017-2018	Reflect changes for 2018-2019 new requirements
14.1.7 (NEW)	New Traditional Diploma	Make diploma more consistent and more reflective of student achievement
14.1.8 (NEW)	Traditional Diploma with a Career and Technical Endorsement	Make diploma more consistent and more reflective of student achievement for career readiness
14.1.9 (NEW)	Traditional Diploma with Academic Endorsement	Make diploma more consistent and more reflective of student achievement for postsecondary readiness without remediation
14.1.10 (NEW)	Traditional Diploma with Distinguished Academic Endorsement	Make diploma more consistent and more reflective of student achievement for national postsecondary readiness without remediation
14.1.11 (NEW)	Alternate Diploma for Students with Significant Cognitive Disabilities	Allowable under ESSA
14.1.12 (NEW)	Certificate of Completion	Change from Mississippi Occupational Diploma to Traditional Diploma with very specific guidelines for Certificate of Completion
14.2	Remove language for passing assessment	Reflects changes to State Board Policy 36.4 for assessment options
14.3	Mississippi Occupational Diploma (MOD) Reflect ending date for incoming 9 th graders of 2016-2017	SB 2432 removed this as an option for incoming 9 th graders effective 2017-2018
14.4	No Changes	
14.5	No Changes	
Note	Change language to - Students enrolled in grades 7 – 12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of the Approved Courses for the Secondary Schools of Mississippi Manual.	Change language to reflect changes already approved by CSA

Excerpt from *Mississippi Public Schools Accountability Standards, 2016*

14. The school district requires each student, in order to receive a high school diploma, to have met the requirements established by its local board of education and by the State Board of Education. {Miss. Code Ann. § 37-16-7} (7 Miss. Admin. Code Pt. 3, Ch. 36, R. 36.1, R. 36.2, R. 36.3, R. 36.4)
- 14.1 Each student receiving a standard high school diploma has earned the minimum number of Carnegie units as specified in Appendix A. (See Appendix A.) (7 Miss. Admin. Code Pt. 3, Ch. 28, R. 28.2, R. 28.3) Students receiving a standard diploma may select from ~~four (4)~~ graduation pathways as specified by the local school district's graduation requirements.
- 14.1.1 Entering ninth graders in 2005-2006 and ~~thereafter ending with incoming ninth graders of 2017-18 (seniors of school year 2008-2009 and later)~~ are required to have a minimum of 21 Carnegie units as specified in Appendix A-1.
- 14.1.2 Entering ninth graders in 2008-2009 and ~~thereafter ending with incoming ninth graders of 2017-2018 (seniors of school year 2011-2012 and)~~ are required to have a minimum of 24 Carnegie units as specified in Appendix A-2, unless, in accordance with school board policy, their parent/guardian requests to opt the student out of Appendix A-2 requirements. This student would be required to complete the graduation requirements specified in Appendix A-1.
- 14.1.3 Entering eleventh graders in 2010-2011 ~~and ending with incoming ninth graders of school year 2016-2017 and thereafter (seniors of school year 2011-2012 and later~~ who chose the Career Pathway Option are required to earn the minimum graduation requirements specified in Appendix A-3. ~~{MS S Code 37-16-17}~~{Miss. Code Ann. § 37-16-7}
- 14.1.4 Beginning in school year 2011-2012, all eighth-grade students are required to have an Individualized Career and Academic Plan (iCAP) prior to exiting the eighth grade.
- 14.1.5 Innovative Programs
- 14.1.6 Early Exit Diploma ~~shall end with incoming 9th graders of school year 2018-2019~~
- 14.1.7 Entering ninth graders in 2018-2019 and thereafter, are required to have a minimum of 24 Carnegie units as specified in Appendix A-6.
- 14.1.8 Entering ninth graders in 2018-2019 and thereafter, are required to have a minimum of 26 Carnegie units and meet additional requirements as specified in Appendix A-7 to earn a Traditional Diploma with a Career and Technical Endorsement.
- 14.1.9 Entering ninth graders in 2018-2019 and thereafter, are required to have a minimum of 26 Carnegie units and meet additional requirements as specified in Appendix A-8 to earn a Traditional Diploma with an Academic Endorsement.
- 14.1.10 Entering ninth graders in 2018-2019 and thereafter, are required to have a minimum of 28 Carnegie units and meet additional requirements as specified in Appendix A-9 to earn a Traditional Diploma with a Distinguished Academic Endorsement.
- 14.1.11 Entering ninth graders with a significant cognitive disability in 2018-2019 and thereafter, are required to have a minimum of 24 Credits as described in Appendix A-10 to earn an Alternate Diploma.
- 14.1.12 Students with disabilities under the IDEA that enter ninth grade in 2018-2019 and thereafter, may be awarded a Certificate of Completion as specified in Appendix A-11 given they meet the following criteria:
- The student's IDEA disability ruling has been unsuccessful in meeting the requirements of either the Traditional Diploma or the Alternate Diploma; and
 - Student has reached the maximum age of service under the IDEA, which in Mississippi is age 20.
- 14.2 Each student receiving a standard diploma has ~~achieved a passing score—met~~ assessment requirements on each of the required high school exit examinations. {Miss. Code Ann. § 37-16-7} (7 Miss. Admin. Code Pt. 3, Ch. 34, R. 34.1, Ch. 36, R. 36.1, R. 36.3, R. 36.4)

- 14.3 **Ending with incoming ninth graders of 2016-2017** each student who has completed the secondary curriculum for special education may be issued a special diploma or certificate of completion, which states: "This student has successfully completed an Individualized Education Program." {Miss. Code Ann. § 37-16-11(1)}
- 14.4 Ending with the incoming ninth grade class of 2016-2017, each student with disabilities receiving a Mississippi Occupational Diploma has successfully completed all minimum requirements established by the State Board of Education. {Miss. Code Ann. § 37-16-11(2)} (See Appendix G.)
- 14.5 The student who fails to meet the graduation requirements is not permitted to participate in the graduation exercises.

Note: ~~Students enrolled in grades 7 – 12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of the Approved Courses for the Secondary Schools of Mississippi Manual.~~ **Students enrolled in grades 7 – 12 may be awarded a Carnegie unit credit provided the course content is a Carnegie unit bearing course in the current edition of the Approved Courses for the Secondary Schools of Mississippi Manual.**