

OFFICE OF CHIEF ACCOUNTABILITY OFFICER
Summary of State Board of Education Agenda Items
Consent Agenda
June 17, 2021

OFFICE OF ACCREDITATION
OFFICE OF SECONDARY EDUCATION

- H. Approval to begin the Administrative Procedures Act process: To revise Miss. Admin. Code: 7-24, Mississippi Public School Accountability Standards, 2020, specifically Process Standard 14, and Appendices A, B, and C and Miss. Admin. Code: 7-163, Mississippi Nonpublic School Accountability Standards, 2020, specifically Appendices A, B, and C

Background Information: The proposed revisions to the graduation requirements outlined in Process Standard 14, and Appendices A, B, and C of the *Mississippi Public School Accountability Standards, 2020* and Appendices A, B, and C of the *Mississippi Nonpublic School Accountability Standards, 2020* provide clarity to districts for the courses that meet the the requirements for graduation to ensure compliance.

The Commission on School Accreditation (CSA) voted unanimously to submit a request to the SBE to begin the Administrative Procedures Act (APA) process to revise the *Mississippi Public School Accountability Standards, 2020* during a regularly scheduled meeting on Thursday, April 1, 2021.

On April 15, 2021, the SBE approved the request to begin the APA process. Based on the comments received during the APA process, the MDE is recommending additional revisions and requesting the approval to begin the APA process based on the additional revisions.

The proposed revisions to the *Mississippi Nonpublic School Accountability Standards, 2020* align to the proposed revisions to the *Mississippi Public School Accountability Standards, 2020*.

Recommendation: Approval

Back-up material attached

*Appendices A, B and C of the *Mississippi Public School Accountability Standards, 2020* and *Mississippi Nonpublic School Accountability Standards, 2020* are the same and only appear once in the back-up material provided.

Summary of Administrative Procedures Act (APA) Comments

Approval to begin the Administrative Procedures Act process: To revise Miss. Admin. Code: 7-24, Mississippi Public School Accountability Standards, 2020, specifically Process Standard 14, and Appendices A, B, and C and Miss. Admin. Code 7-163: Mississippi Nonpublic School Accountability Standards, 2020, specifically Appendices A, B, and C

The Office of Accountability received the following APA comment(s) regarding revisions to Miss. Admin. Code: 7-24, Mississippi Public School Accountability Standards, 2020, specifically Process Standard 14, and Appendices A, B, and C and Miss. Admin. Code 7-163: Mississippi Nonpublic School Accountability Standards, 2020, specifically Appendices A, B, and C.

Summary of Comment	MDE Response
<p>I just read the APA Process Proposed Revisions for Graduation Requirements and I would like to know if the ACT Requirements for Essentials for College Literacy and Essentials for College Math will remain the same, or will it change?</p>	<p>No change required. The requirements for the Essentials courses will remain the same. SREB Literacy Ready and SREB Math Ready may be used for early release.</p>
<p>While reading through the APA for proposed Graduation Requirements I noticed A-5 is referenced but does not connect to anything in the document. I know that is the list of CTE assessments that count towards grad requirements but could not find the list. Its mentioned 3 times in the document.</p> <p>Traditional Diploma with an Academic Endorsement.</p> <p>14.1.10 6 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.</p> <p>14.1.11 7 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.</p> <p>14.2 Each student receiving a standard diploma has met assessment requirements on each of the required high school end-of-course subject area tests or assessments or met one (1) of the option in lieu of passing the test (or assessment) as outlined in Appendix A-5. Miss. Code Ann. § 37-16-7, Miss. Admin. Code 7-3: 36.3, and 36.4, State Board Policy Chapter 36, Rules 36.3, and 36.4. See Appendix A-5.</p> <p>14.3 Beginning with incoming ninth graders of 2018-2019 each student who has completed the secondary curriculum for special education may be issued a certificate of completion, which states: "This student has successfully completed an Individualized Education Program." Miss. Code Ann. § 37-16-11(1). See Appendix A-11.</p> <p align="center">3</p>	<p>No change required. Although Appendix A-5 was left out of the excerpts included in the APA filing, it remains as part of the MS Public School Accountability Standards.</p>
<p>The proposed actions to not allow CTE courses to count toward Traditional diploma credits will be fatal to students when you consider the student population as a whole. Students who are not wanting to obtain a four degree and/or special education students who are graduating on a traditional track need the option of CTE courses to graduate with a traditional diploma. Many students are hands-on learners and plan to enter the workforce or obtain a trade upon graduation completion. By not allowing CTE courses to count toward Traditional diploma credits you are punishing</p>	<p>No change required. CTE courses may count in the five and half electives for traditional diploma. Additionally, some CTE courses may count toward academic course requirements.</p>

Summary of Administrative Procedures Act (APA) Comments

Approval to begin the Administrative Procedures Act process: To revise Miss. Admin. Code: 7-24, Mississippi Public School Accountability Standards, 2020, specifically Process Standard 14, and Appendices A, B, and C and Miss. Admin. Code 7-163: Mississippi Nonpublic School Accountability Standards, 2020, specifically Appendices A, B, and C

Summary of Comment	MDE Response
<p>students who do not want to pursue a four degree. You are also discouraging students from taking CTE courses.</p>	
<p>I am seeking clarity on the newly proposed Technological or Computer Science Carnegie Units for graduation? I see there is a line drawn through ICT I, ICT II, Cyber Foundations I, and Cyber Foundations II. Our school transitioned to Cyber Foundations I this school year and plan to incorporate Cyber Foundations II next school year, so do we need to revisit our courses and change to the listed Project Based computer courses?</p>	<p>Changes were made to clarify all courses that count as a Technology or Computer Science credit.</p>
<p>On Appendix A-6 page 16, it has all of the Computer Science courses (CF, CSE, ECS) marked off and at the bottom of the paragraph it says to see Appendix 12 for a list of approved CTE courses that count as credit. I did not see those courses listed on Appendix 12. Were those left off by accident, or do they not count as the Technology credit anymore?</p>	<p>Changes were made to clarify all courses that count as a Technology or Computer Science credit.</p>
<p>Below are comments regarding the Proposed Revision to the Graduation Requirements:</p> <ul style="list-style-type: none"> • If JROTC III and IV count as a replacement for the CCR course, then all CTE completers should receive credit for the CCR course. • You may need to correct the formatting of the table on page 35 to ensure that all of the engineering courses are listed together on one page and not separated. It could be confusing to someone who only sees the first page of the table and doesn't keep scrolling. As someone who works with these sorts of documents all the time, people get confused often if this sort of thing happens. The same thing occurs on page 77 and 78 with engineering and DMT courses. • There are no courses that receive technology credit listed in the table in appendix A-12. • Keystone should not receive technology credit. There is no technology in the curriculum. Students will use computers to research pathways and do normal computer use, but there is no technology education occurring. 	<p>No change required. Not all CCR requirements are found in all four-year pathways. Work-based learning is an approved alternative for the CCR course.</p> <p>Change made to formatting.</p> <p>Changes were made to clarify all courses that count as a Technology or Computer Science credit.</p> <p>No change required. Students do not receive technology credit for Keystone.</p>

Summary of Administrative Procedures Act (APA) Comments

Approval to begin the Administrative Procedures Act process: To revise Miss. Admin. Code: 7-24, Mississippi Public School Accountability Standards, 2020, specifically Process Standard 14, and Appendices A, B, and C and Miss. Admin. Code 7-163: Mississippi Nonpublic School Accountability Standards, 2020, specifically Appendices A, B, and C

Summary of Comment			MDE Response
RCU-MSU APA Comment Summary on Proposed Revisions to Graduation Requirements			
Page	Comment	Suggested Revision	
3, 51	Appendix A-5 is referenced but is not included in document.	A-5 is a list of approved assessments and national certifications. If it is not included in this document, please point the reader to its location.	No change required. Although Appendix A-5 was left out of the excerpts included in the APA filing, it remains as part of the MS Public School Accountability Standards. Change made. Removed 14.1.2 that reads Innovative Programs
3	14.1.2 says "Innovative Programs" with no other explanation.	Clarify what is meant by 14.1.2.	No change required. Although Appendix G was left out of the excerpts included in the APA filing, it remains as part of the MS Public School Accountability Standards.
4	Appendix G is mentioned but does not appear in this document.	Please clarify.	
16, 20, 24, 28	ICT II, STEM Applications, and Technology Foundations are struck through as counting for technology/computer science credit for freshmen entering 2018-2019.	These courses count for technology/computer science credit for freshmen entering 2018-2019 until freshmen entering 2023-2024	Changes were made to clarify all courses that count as a Technology or Computer Science credit.
16, 20, 24, 28	Cyber Foundations I, Cyber Foundations II, Exploring Computer Science, and Computer Science and Engineering are struck through as counting for technology/computer science credit for freshmen entering 2018-2019.	These courses count for technology/computer science credit for freshmen entering 2018-2019 and following.	Changes were made to clarify all courses that count as a Technology or Computer Science credit.

Summary of Administrative Procedures Act (APA) Comments

Approval to begin the Administrative Procedures Act process: To revise Miss. Admin. Code: 7-24, Mississippi Public School Accountability Standards, 2020, specifically Process Standard 14, and Appendices A, B, and C and Miss. Admin. Code 7-163: Mississippi Nonpublic School Accountability Standards, 2020, specifically Appendices A, B, and C

Summary of Comment		MDE Response	
16, 20, 24, 28	Appendix A-12 is referenced to find approved Career and Technical course substitutions. ICT II, STEM Applications, Technology Foundations, Cyber Foundations I, Cyber Foundations II, Exploring Computer Science, and Computer Science and Engineering are not listed on Appendix A-12 as approved courses.	A separate box should be created on Appendix A-12 for courses that count for technology/computer science credit and should include ICT II, STEM Applications, and Technology Foundations for freshmen entering 2018-2019 until freshmen entering 2023-2024 and Cyber Foundations I, Cyber Foundations II, Exploring Computer Science, and Computer Science and Engineering approved for freshmen entering 2018-2019 and following. If these courses are not to be included on A-12, they should be listed and referenced as approved for technology/computer science credit for these students somewhere in this document.	Change made. Courses were added to the footnotes in each of the diploma options.
35	Missing courses that are included for technology/computer science credit in the course code manual	A separate box should be created on Appendix A-12 for the following courses to earn technology/computer science credit: Web and Programming Concepts, Client Side Programming, Python I, and SQL Programming	Change made. Courses were added to the footnotes.
35, 36	Confusing page breaks that leave related content separated	Suggest a page break that keeps related content together on the same page.	
40	"Science" is misspelled in the Technology or Computer Science box.	Correct spelling	Change made to formatting. Change made to correct spelling.

Summary of Administrative Procedures Act (APA) Comments

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Summary of Comment			MDE Response
41	Apparent hard return in superscript 2 after Technology Foundations CTE course code	For consistency and ease of reading, remove the break.	Change made to formatting.
41	Use of "academic" and "academic code" is used to mean the same thing.	For consistency and ease of reading, choose one notation for all instances.	
Multiple pages, but included on 17, 21, 50, and 57	Most instances of Cambridge are struck through. Can only find evidence that Cambridge History, a college and career readiness equivalent, and AICE CTE pathway courses will be accepted. It appears that no Cambridge Math, Biology, or English courses will be accepted.	Please clarify in each instance what is accepted.	
<p>On behalf of the MS Institutions of Higher Learning (IHL) Office of Student and Academic Affairs, we request for Appendix C2 to be removed from the <i>Mississippi Public School Accountability Standards, 2020</i> for the following reasons:</p> <ol style="list-style-type: none"> 1. Appendix C2 is an official MS IHL document. If IHL policy changes are made to the document during the year, the MDE document would not accurately reflect the changes in real time. 2. Changes reflected in the Arts section are not IHL changes and are MDE requests. Those requests are not possible due the IHL document ownership. <p>Suggestions for replacement - link Appendix C2 to the following IHL webpage: http://www.mississippi.edu/admissions/</p>			No changes made. Will be reviewed annually to ensure consistency.

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Summary of Comment	MDE Response
<p>By linking directly to the IHL page, MDE would ensure K12 districts would have timely and accurate information.</p>	
<p>I have reviewed the proposed revisions and have some questions and/or need clarity on what is specifically being changed.</p> <p>1) Technology or Computer Science. On Appendices A-6, A-7, A-8, and A-9, several Project Lead the Way courses are named as meeting the requirement for Technology or Computer Science. Yet, under Appendix B-2, all courses meeting the technology requirement are listed. Could all of those courses (in B-2) be listed under the previous A appendices for added clarity?</p> <p>2) Appendix A-9 - Traditional Diploma with a Distinguished Academic Endorsement. Specifically looking at the Social Studies requirement. Would psychology meet that .5 credit needed to make the full 4 credits? I am being told that since psychology classes (including AP and dual credit) are listed as meeting a MS IHL social studies credit that it could count here. True?</p> <p>3) This next question is about the tie between the <i>Approved Courses for the Secondary Schools of Mississippi</i> and the <i>Mississippi Public School Accountability Standards</i>. So, I am learning that some other schools assume that if a course is listed in the Course Code manual under a heading of, say, <u>Health, Safety & Physical Ed</u>, then it can be counted as a PE credit (ex. Safety Education or Drug Education). Or under the heading of Business and Technology (Academic), all of those courses could possibly count as the required Technology credit (ex. Business Law, Graphic Design, Web Design). I know at the beginning of the <i>Approved Courses for the Secondary Schools of Mississippi</i> suggested course sequences are listed and there is a column for each course stating if it meets the MS IHL college prep curriculum. But only the Business Technology (Academic) courses have a column that says, "Meets Graduation Requirement for Technology Credit." Could that be specified for each course in the <i>Approved Courses for the Secondary Schools of Mississippi</i> so that all schools could follow the same expectation? Several years ago the RCU had a great website where we could look up what credit could be awarded at the high school level and if/what courses counted for MS IHL college prep curriculum.</p>	<p>Changes were made to clarify all courses that count as a Technology or Computer Science credit.</p> <p>No change required. Yes, psychology would meet the .5 credit needed to make the full four credits of Social Studies.</p> <p>No change required. The Office of Secondary Education will look at the <i>Approved Courses for Secondary Schools of MS</i> document to provide clarity.</p>

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Summary of Comment	MDE Response
<p>Not directly related to the revisions but concerning: ACT subscore component of the different endorsement options. With ACT changing how they disseminate student scores (electronic on their website only) it is quite a daunting task of finding that information on each student since they can't be looked up by specific test date, just specific school year. Therefore, you have to look at all students that have taken it when you really only need to record the latest test takers. I definitely agree that the ACT subscores should be included, but I don't think we knew that the company would change how they got the information out to counselors. Is there anything MDE can do to make this a smoother process?</p>	<p>No change required. Changes required by ACT.</p>
<p>We are writing in response to the request for comments related to <u>proposed revisions to the Graduation Requirements</u>, specifically Process Standard 14 and Appendices A, B, and C of the Mississippi Public School Accountability Standards, 2020. We appreciate and support the intent to provide clarity to districts for the courses that meet the requirement for graduation to ensure compliance. My additional comments attached request further clarity, given discrepancies between the proposed revisions and the posted guidance document <u>Mississippi Diploma Options (dated March 2021)</u>.</p>	<p>No change required.</p>
<p>In response to the new grad requirements, clarification between early release and early graduation would be appreciated. I understand early graduation to be in December as opposed to early release which means not being allowed to leave early during the school day of the senior year for those who do not meet the criteria. For those who graduate in December, are they required to meet the 2.5 and/or English 17-Math 19 ACT? Do the early grads have to take either Essentials if the ACT requirement is not met? If I am being asked my opinion, I would suggest no to early graduates. I would also be in favor of lowering the 2.5 requirement to a 2.0.</p> <p>Just to be clear, will December graduates be factored into our graduation rate for accountability purposes? That is critical to all high schools especially with those who have a large senior population who enter college in January. We certainly wouldn't want to hinder their educational process.</p>	<p>No change required. The requirements for early release will remain the same for December graduates. The minimum GPA requirement will remain the same.</p> <p>No change required. Early graduates are included in graduation rate calculations of the cohort to which they were assigned, regardless of when they complete.</p>
<p>Annual Report (page 19)</p>	<p>No change required.</p>

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Summary of Comment	MDE Response
<p>Since faculty credentialing information is in AIMS, is it necessary for qualifications and participation to be documented for MDE. Is it possible for MDE to keep a record of participation in MDE initiatives? How are EPPs expected to collect this information? Is this in all subject areas?</p>	<p>Addressed in the call for public comment for the <i>2021 Educator Preparation Process and Performance Guidelines</i>, April 15 - May 10, 2021.</p>
<p>Is it necessary to report state licensure test scores by number of attempts?</p> <p>Student Teacher Placement Report (page 19) Why does MDE need information about seminar/professional topics conducted by EPP? Why are EPPs required to submit information on cooperating teachers and university supervisors each semester? Can this be done annually? Can university supervisor information be used that is submitted in AIMS.</p>	<p>No change required. Addressed in the call for public comment for the <i>2021 Educator Preparation Process and Performance Guidelines</i>, April 15 - May 10, 2021.</p>
<p>State Program Review Process (pages 23-24) How will reviewers be trained and how often will reviewers be trained?</p>	<p>No change required. Addressed in the call for public comment for the <i>2021 Educator Preparation Process and Performance Guidelines</i>, April 15 - May 10, 2021.</p>
<p>Program of Study (page 32) What are the expectations for Educational Leadership programs regarding explicit, systematic, and sequential approaches to teaching phonemic awareness, phonics, vocabulary, fluency, and comprehension?</p>	<p>No change required. Addressed in the call for public comment for the <i>2021 Educator Preparation Process and Performance Guidelines</i>, April 15 - May 10, 2021.</p>
<p>Page 36 “Internship experiences are to demonstrate a diversity of placement experiences for candidates in educational administration.” The guidelines propose an elementary, middle school, and high school internship placement for Educational Leaders. Is this a feasible requirement for some candidates to have three separate building internships of at least 100 hours?</p>	<p>No change required. Addressed in the call for public comment for the <i>2021 Educator Preparation Process and Performance Guidelines</i>, April 15 - May 10, 2021.</p>
<p>Student Teaching/Internships (page 60) All placements shall be in an MDE accredited school. – What about placements outside the state?</p>	<p>No change required. Addressed in the call for public comment for the <i>2021 Educator Preparation Process and Performance Guidelines</i>,</p>

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Summary of Comment	MDE Response
<p>Curriculum: This section describes a required class in assessment (data analysis/evaluation). Some programs are nationally accredited (such as music) and meet all national standards by embedding Data Analysis/Evaluation within the curriculum rather than having a separate stand-alone course. Do nationally accredited programs that meet or exceed national standards have to have a separate data analysis/evaluation course?</p> <p>Candidate Exit Requirements (page 65) Alternate route – Can the internship requirements be completed in one semester? Can candidates in alternate route complete an internship experience similar to the undergraduate experience?</p>	<p>April 15 - May 10, 2021.</p> <p>No change required. Addressed in the call for public comment for the <i>2021 Educator Preparation Process and Performance Guidelines</i>, April 15 - May 10, 2021.</p>

From: [Rhonda Richard](#)
To: [Accreditation Shared](#)
Subject: A Question
Date: Wednesday, April 21, 2021 11:37:23 AM

Good Morning,

My name is Rhonda Richard, and I am a School Counselor. I just read the APA Process Proposed Revisions for Graduation Requirements and I would like to know if the ACT Requirements for Essentials for College Literacy and Essentials for College Math will remain the same, or will change?

Thanks in advance

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Rhonda Richard
BES School Counselor

From: [Smith, Betsey](#)
To: [Accreditation Shared](#)
Subject: Proposed Revisions to Graduation Requirements - comment
Date: Tuesday, April 27, 2021 1:40:25 PM

Afternoon,

While reading through the APA for proposed Graduation Requirements I noticed A-5 is referenced but does not connect to anything in the document. I know that is the list of CTE assessments that count towards grad requirements but could not find the list. Its mentioned 3 times in the document.

- Traditional Diploma with an Academic Endorsement.
- 14.1.10 ~~6~~ 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 ~~7~~ 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.
 - 14.2 Each student receiving a standard diploma has met assessment requirements on each of the required high school end-of-course subject area tests or assessments or met one (1) of the option in lieu of passing the test (or assessment) as outlined in Appendix A-5. Miss. Code Ann. § 37-16-7, Miss. Admin. Code 7-3: 36.3, and 36.4, State Board Policy Chapter 36, Rules 36.3, and 36.4. See Appendix A-5.
 - 14.3 Beginning with incoming ninth graders of 2018-2019 each student who has completed the secondary curriculum for special education may be issued a certificate of completion, which states: "This student has successfully completed an Individualized Education Program." Miss. Code Ann. § 37-16-11(1). See Appendix A-11.

3

Thanks,

Betsey Smith
Director
Mississippi State University
Research and Curriculum Unit
662.325.2510
Betsey.smith@rcu.msstate.edu

From: [Peterson, Stachia](#)
To: [Accreditation Shared](#)
Subject: Proposed Graduation Requires
Date: Wednesday, April 28, 2021 8:55:46 AM

To whom it may concern:

The proposed actions to not allow CTE courses to count toward Traditional diploma credits will be fatal to students when you consider the student population as a whole. Students who are not wanting to obtain a four degree and/or special education students who are graduating on a traditional track need the option of CTE courses to graduate with a traditional diploma. Many students are hands-on learners and plan to enter the workforce or obtain a trade upon graduation completion. By not allowing CTE courses to count toward Traditional diploma credits you are punishing students who do not want to pursue a four degree. You are also discouraging students from taking CTE courses. Thank you for your time and please consider all students when making this decision.



Stachia Peterson

Director of Special Services, Title IX coordinator
Poplarville School District
Voice: 601-795-6153
Fax : 601-795-0712

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From: [Kashia Dowden](#)
To: [Accreditation Shared](#)
Subject: Inquiry on Technology/Computer Science Carnegie Units
Date: Wednesday, April 28, 2021 12:15:54 PM

Good Afternoon,

I am seeking clarity on the newly proposed Technological or Computer Science Carnegie Units for graduation? I see there is a line drawn through ICT I, ICT II, Cyber Foundations I, and Cyber Foundations II. Our school transitioned to Cyber Foundations I this school year and plan to incorporate Cyber Foundations II next school year, so do we need to revisit our courses and change to the listed Project Based computer courses?

Thank you for your clarification in this matter,
Kashia Dowden

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"What lies behind us and what lies before us are tiny matters compared to what lies within us." -Ralph Waldo Emerson



Kashia R. Dowden
School Counselor
Belle-Shivers Middle School
P.O. Box 607
Aberdeen, MS 39730
Office: 662-369-6241, ext. 309
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From: [Patricia Ellison](#)
To: [Accreditation Shared](#)
Cc: [Wendy Clemons](#); Shelly.Hollis@rcu.msstate.edu; [Aimee Brown](#); jimmatthews@pcsd.ms; bmoore@pcsd.ms
Subject: Graduation Requirements Revision
Date: Wednesday, April 28, 2021 12:58:39 PM

On Appendix A-6 page 16, it has all of the Computer Science courses (CF, CSE, ECS) marked off and at the bottom of the paragraph it says to see Appendix 12 for a list of approved CTE courses that count as credit. I did not see those courses listed on Appendix 12. Were those left off by accident, or do they not count as the Technology credit anymore?

--

Patricia Ellison

Director

Pontotoc Ridge Career & Technology Center

662-489-1826 Phone

662-489-0704 Fax

"The strongest people are not those who show strength in front of us, but those who win battles we know nothing about."

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From: [Watts, Sam](#)
To: [Accreditation Shared](#)
Subject: APA Comments
Date: Monday, May 3, 2021 1:59:25 PM

Good afternoon,

Below are comments regarding the Proposed Revision to the Graduation Requirements:

- If JROTC III and IV count as a replacement for the CCR course, then all CTE completers should receive credit for the CCR course.
- You may need to correct the formatting of the table on page 35 to ensure that all of the engineering courses are listed together on one page and not separated. It could be confusing to someone who only sees the first page of the table and doesn't keep scrolling. As someone who works with these sorts of documents all the time, people get confused often if this sort of thing happens. The same thing occurs on page 77 and 78 with engineering and DMT courses.
- There are no courses that receive technology credit listed in the table in appendix A-12.
- Keystone should not receive technology credit. There is no technology in the curriculum. Students will use computers to research pathways and do normal computer use, but there is no technology education occurring.

Thanks,

Sam Watts

Curriculum Manager
Research and Curriculum Unit
Mississippi State University
rcu.msstate.edu
662.325.2510

1 John 4:9-11

From: Pannell, Myra <myra.pannell@rcu.msstate.edu>

Sent: Tuesday, May 11, 2021 8:38 AM

To: Accreditation Shared <accreditation@mdek12.org>

Cc: Ming, Cindy <Cindy.ming@rcu.msstate.edu>; Hollis, Shelly <shelly.hollis@rcu.msstate.edu>;
Watts, Sam <sam.watts@rcu.msstate.edu>; melissa.luckett <melissa.luckett@rcu.msstate.edu>;
Watts, Jo <jo.watts@rcu.msstate.edu>; McCubbins, Courtney
<courtney.mccubbins@rcu.msstate.edu>; Davis, Angie <angie.davis@rcu.msstate.edu>; Smith,
Betsey <betsey.smith@rcu.msstate.edu>

Subject: Comments on the Proposed Revisions to Graduation Requirements

Dr. Malone,

Attached are the collective comments from several of our staff members here at the Research and Curriculum Unit. Thank you for the opportunity to review this document. If you need anything else from us, please let us know.

Thank you,

Myra Pannell, PhD
Associate Director
Research & Curriculum Unit
Mississippi State University
662.325.3306
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RCU-MSU APA Comment Summary on Proposed Revisions to Graduation Requirements

Page	Comment	Suggested Revision
3, 51	Appendix A-5 is referenced but is not included in document.	A-5 is a list of approved assessments and national certifications. If it is not included in this document, please point the reader to its location.
3	14.1.2 says "Innovative Programs" with no other explanation.	Clarify what is meant by 14.1.2.
4	Appendix G is mentioned but does not appear in this document.	Please clarify.
16, 20, 24, 28	ICT II, STEM Applications, and Technology Foundations are struckthrough as counting for technology/computer science credit for freshmen entering 2018-2019.	These courses count for technology/computer science credit for freshmen entering 2018-2019 until freshmen entering 2023-2024
16, 20, 24, 28	Cyber Foundations I, Cyber Foundations II, Exploring Computer Science, and Computer Science and Engineering are struck through as counting for technology/computer science credit for freshmen entering 2018-2019.	These courses count for technology/computer science credit for freshmen entering 2018-2019 and following.
16, 20, 24, 28	Appendix A-12 is referenced to find approved Career and Technical course substitutions. ICT II, STEM Applications, Technology Foundations, Cyber Foundations I, Cyber Foundations II, Exploring Computer Science, and Computer Science and Engineering are not listed on Appendix A-12 as approved courses.	A separate box should be created on Appendix A-12 for courses that count for technology/computer science credit and should include ICT II, STEM Applications, and Technology Foundations for freshmen entering 2018-2019 until freshmen entering 2023-2024 and Cyber Foundations I, Cyber Foundations II, Exploring Computer Science, and Computer Science and Engineering approved for freshmen entering 2018-2019 and following. If these courses are not to be included on A-12, they should be listed and referenced as approved for technology/computer science credit for these students somewhere in this document.

35 Missing courses that are included for technology/computer science credit in the course code manual

A separate box should be created on Appendix A-12 for the following courses to earn technology/computer science credit: Web and Programming Concepts, Client Side Programming, Python I, and SQL Programming

35, 36 Confusing page breaks that leave related content separated

Suggest a page break that keeps related content together on the same page.

40 "Science" is misspelled in the Technology or Computer Science box.

Correct spelling

41 Apparent hard return in superscript 2 after Technology Foundations CTE course code

For consistency and ease of reading, remove the break.

41 Use of "academic" and "academic code" is used to mean the same thing.

For consistency and ease of reading, choose one notation for all instances.

Multiple pages, but Most instances of Cambridge are struck included on 17, 21, 50, through. Can only find evidence that accepted.
and 57 Cambridge History, a college and career readiness equivalent, and AICE CTE pathway courses will be accepted. It appears that no Cambridge Math, Biology, or English courses will be accepted.

From: [Heather Morrison](#)
To: [Accreditation Shared](#)
Cc: [Casey Prestwood](#); [Wendy Clemons](#)
Subject: MDE APA request for Graduation Requirements
Date: Wednesday, May 12, 2021 12:23:52 PM

To whom it may concern:

On behalf of the MS Institutions of Higher Learning (IHL) Office of Student and Academic Affairs, we request for Appendix C2 to be removed from the Mississippi Public School Accountability Standards, 2020 for the following reasons:

1. Appendix C2 is an official MS IHL document. If IHL policy changes are made to the document during the year, the MDE document would not accurately reflect the changes in real time.
2. Changes reflected in the Arts section are not IHL changes and are MDE requests. Those requests are not possible due the IHL document ownership.

Suggestions for replacement - link Appendix C2 to the following IHL webpage: <http://www.mississippi.edu/admissions/>

By linking directly to the IHL page, MDE would ensure K12 districts would have timely and accurate information.

Heather W. Morrison
Director P20 Partnerships
Student and Academic Affairs
Mississippi Institutions of Higher Learning
3825 Ridgewood Road
Jackson, MS 39211
601-432-6626 office
hmorrison@mississippi.edu

From: [Heather Dedeaux](#)
To: [Accreditation Shared](#)
Subject: Comments on Proposed Revisions to Graduation Requirements
Date: Thursday, May 13, 2021 1:50:07 PM

Dr. Malone,

I have reviewed the proposed revisions and have some questions and/or need clarity on what is specifically being changed.

1) Technology or Computer Science. On Appendices A-6, A-7, A-8, and A-9, several Project Lead the Way courses are named as meeting the requirement for Technology or Computer Science. Yet, under Appendix B-2, all courses meeting the technology requirement are listed. Could all of those courses (in B-2) be listed under the previous A appendices for added clarity?

2) Appendix A-9 - Traditional Diploma with a Distinguished Academic Endorsement. Specifically looking at the Social Studies requirement. Would psychology meet that .5 credit needed to make the full 4 credits? I am being told that since psychology classes (including AP and dual credit) are listed as meeting a MS IHL social studies credit that it could count here. True?

3) This next question is about the tie between the *Approved Courses for the Secondary Schools of Mississippi* and the *Mississippi Public School Accountability Standards*. So, I am learning that some other schools assume that if a course is listed in the Course Code manual under a heading of, say, Health, Safety & Physical Ed, then it can be counted as a PE credit (ex. Safety Education or Drug Education). Or under the heading of Business and Technology (Academic), all of those courses could possibly count as the required Technology credit (ex. Business Law, Graphic Design, Web Design). I know at the beginning of the *Approved Courses for the Secondary Schools of Mississippi* suggested course sequences are listed and there is a column for each course stating if it meets the MS IHL college prep curriculum. But, only the Business Technology (Academic) courses have a column that says "Meets Graduation Requirement for Technology Credit." Could that be specified for each course in the Approved Courses for the Secondary Schools of Mississippi so that all schools could follow the same expectation? Several years ago the RCU had a great website where we could look up what credit could be awarded at the high school level and if/what courses counted for MS IHL college prep curriculum.

Not directly related to the revisions, but concerning: ACT subscore component of the different endorsement options. With ACT changing how they disseminate student scores (electronic on their website only) it is quite a daunting task of finding that information on each student since they can't be looked up by specific test date, just specific school year. Therefore, you have to look at all students that have taken it when you really only need to record the latest test takers. I definitely agree that the ACT subscores should be included, but I don't think we knew that the company would change how they got the information out to counselors. Is there anything MDE can do to make this a smoother process?

Thank you for allowing input.

Heather Dedeaux, M.Ed., NCSC, NCC
School Counselor
Biloxi High School





Rankin County School District

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May 12, 2021

Dr. Jo Ann Malone
Office of Accreditation
Mississippi Department of Education
359 North West Street
Post Office Box 771
Jackson, MS 39205-0771

Dear Dr. Malone,

We are writing in response to the request for comments related to [proposed revisions to the Graduation Requirements](#), specifically Process Standard 14 and Appendices A, B, and C of the *Mississippi Public School Accountability Standards, 2020*. We appreciate and support the intent to provide clarity to districts for the courses that meet the requirement for graduation to ensure compliance. The additional comments attached request further clarity, given discrepancies between the proposed revisions and the posted guidance document [Mississippi Diploma Options \(dated March 2021\)](#).

We appreciate the opportunity to respond to this policy change. If you have any questions, please feel free to contact us for more information.

Yours in education,

Sue Townsend, Ph.D.
Superintendent of Education
Rankin County School District

Dr. Sue Townsend
Superintendent of Education

From: [Dina Holland](#)
To: [Accreditation Shared](#)
Subject: Grad requirements
Date: Friday, May 14, 2021 7:43:44 AM

In response to the new grad requirements, clarification between early release and early graduation would be appreciated. I understand early graduation to be in December as opposed to early release which means not being allowed to leave early during the school day of the senior year for those who do not meet the criteria. For those who graduate in December, are they required to meet the 2.5 and/or Eng 17-Math 19 ACT? Do the early grads have to take either Essentials if the ACT requirement is not met. If I am being asked my opinion, I would suggest no to early graduates. I would also be in favor of lowering the 2.5 requirement to a 2.0.

Just to be clear, will December graduates be factored into our graduation rate for accountability purposes? That is critical to all high schools especially with those who have a large senior population who enter college in January. We certainly wouldn't want to hinder their educational process.

Thank you for taking the time to answer my questions and address my concerns.

From: [Accreditation Shared](#)
To: [Angelo Nuzzo](#)
Subject: FW: Jackson State University's College of Education APA Comments
Date: Friday, June 4, 2021 10:32:50 AM

From: millard.j.bingham <millard.j.bingham@jsums.edu>
Sent: Friday, May 14, 2021 4:30 PM
To: Accreditation Shared <accreditation@mdek12.org>
Cc: Dr. Tracy Harris <tracy.l.harris@jsums.edu>; Gwendolyn Williams <gwendolyn.j.williams@jsums.edu>
Subject: Jackson State University's College of Education APA Comments

Hi Dr. Malone,

Please see Jackson State University's College of Education APA comments that are included below.

Thanks,

Millard J. Bingham,
Interim Dean

Annual Report (page 19)

Since faculty credentialing information is in AIMS, is it necessary for qualifications and participation to be documented for MDE. Is it possible for MDE to keep a record of participation in MDE initiatives? How are EPPs expected to collect this information? Is this in all subject areas?

Is it necessary to report state licensure test scores by number of attempts?

Student Teacher Placement Report (page 19)

Why does MDE need information about seminar/professional topics conducted by EPP?

Why are EPPs required to submit information on cooperating teachers and university supervisors each semester? Can this be done annually? Can university supervisor information be used that is submitted in AIMS.

State Program Review Process (pages 23-24)

How will reviewers be trained and how often will reviewers be trained?

Program of Study (page 32)

What are the expectations for Educational Leadership programs regarding explicit, systematic, and sequential approaches to teaching phonemic awareness, phonics, vocabulary, fluency, and comprehension?

Page 36

“Internship experiences are to demonstrate a diversity of placement experiences for candidates in educational administration.” The guidelines proposes an elementary, middle school, and high school internship placement for Educational Leaders. Is this a feasible requirement for some candidates to have three separate building internships of at least 100 hours?

Student Teaching/Internships (page 60)

All placements shall be in an MDE accredited school. – What about placements outside the state?

Curriculum: This section describes a required class in assessment (data analysis/evaluation). Some programs are nationally accredited (such as music) and meet all national standards by embedding Data Analysis/Evaluation within the curriculum rather than having a separate stand-alone course. Do nationally accredited programs that meet or exceed national standards have to have a separate data analysis/evaluation course?

Candidate Exit Requirements (page 65)

Alternate route – Can the internship requirements be completed in one semester? Can candidates in alternate route complete an internship experience similar to the undergraduate experience?

Millard Juetta Bingham, Ph.D.
Interim Dean
College of Education and Human Development
Jackson State University
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www.jsums.edu/education/

Excerpts from *Mississippi Public School Accountability Standards, 2020*

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, Miss. Admin. Code 7-3: 36.2-36.4, State Board Policy Chapter 36, Rules 36.2 through 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) (Miss. Admin. Code 7- 3: 28.2 and 28.3, State Board Policy Chapter 28, Rules 28.2 and 28.3.) Students receiving a standard diploma shall select from graduation pathways as specified by the local school district’s graduation requirements, which must include the diploma endorsement options outlined in Process Standards 14.1.8, 14.1.9, and 14.1.10. Diploma endorsement options shall be required of all school districts effective with the incoming ninth graders of 2019-2020. Prior cohorts of students shall be eligible to earn endorsement(s) if all applicable requirements are met.
- ~~14.1.1 Entering ninth graders in 2005-2006 and ending with incoming ninth graders of 2017-18 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 ending with incoming ninth graders of 2017-2018 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 who chose the Career Pathway Option are required to earn the minimum graduation requirements specified in Appendix A-3. Miss. Code Ann. § 37-16-7~~
- 14.1.4¹ Beginning in school year 2018-2019, all seventh-grade students are required to have an Individual Success Plan (ISP) prior to exiting the seventh grade.
- 14.1.5² Innovative Programs
- ~~14.1.6 Early Exit Diploma shall end with incoming 9th graders of school year 2017-2018.~~
- 14.1.7³ Entering ninth graders in 2018-2019 and thereafter, are required to have a minimum of 24 Carnegie units as specified in Appendix A-6.
- 14.1.8⁴ 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.
- 14.1.9⁵ 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.
- 14.1.10⁶ 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.
- 14.1.11⁷ 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.

APPENDIX A-1

Effective school year 2021-2022 Appendix A-1 is no longer applicable.

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

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

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

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
ENGLISH	4¹	English I English II
MATHEMATICS	4²	Algebra I
SCIENCE	3³	Biology I
SOCIAL STUDIES	3^{4&6}	1 World History⁴ 1 U.S. History⁴ ½ U.S. Government⁴ ½ Mississippi Studies⁶
HEALTH	½^{7&8}	Contemporary Health⁹
TECHNOLOGY or COMPUTER SCIENCE	1¹⁰	
THE ARTS	1¹¹	
ELECTIVES	4½¹²	
TOTAL UNITS REQUIRED	21	

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

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

¹Carnegie units earned for Compensatory English courses, cannot be included as any of the four (4) English Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Beginning school year 2014-2015, Compensatory English may be taken only if a credit-bearing English course is taken in the same school year. Accelerated English 9 can be accepted in lieu of English I. Accelerated English 10 can be accepted in lieu of English II. Beginning school year 2010-2011 for all entering ninth graders, English I is a required prerequisite course for English II. English I may not be taken after a student completes English II. The Ready for High School Literacy course shall only be available for 8th grade or 9th grade students (Students with a documented IEP are the exception).

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

³For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience, and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences Core II or Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. Effective with school year 2013-2014, up to two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. Effective with eighth graders of school year 2013-2014, Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit.

⁴Based on the 2018 Mississippi College and Career Readiness Standards for Social Studies, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB DP History of the Americas II may be accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS-level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

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

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

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

⁶~~The 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.~~

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

⁸~~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 beginning in the 2010-2011 school year and thereafter.~~

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

¹⁰~~The following courses meet the Carnegie unit requirement for Technology or Computer Science:~~

~~ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Keystone, Technology Foundations, Information & Communication Technology, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, and Project Lead the Way Introduction to Engineering, Exploring Computer Science, and AP Computer Science Principles, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering.~~

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

¹²~~Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music Choral Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.~~

Effective school year 2021-2022 Appendix A-2 is no longer applicable.

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

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

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

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

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

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

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

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

~~³For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience, and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences Core II, Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. Effective with school year 2013-2014, up to two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. Effective with eighth graders of school year 2013-2014, Introduction to Agriscience may be taken in the eighth grade for Carnegie unit credit. One (1) of the four (4) required Carnegie units for science may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for a mathematics or computer science unit.~~

~~⁴Based on the 2018 Mississippi College and Career Readiness Standards for Social Studies, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB DP History of the Americas II may be accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.~~

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

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

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

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

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

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

~~¹⁰The following courses meet the Carnegie unit requirement for Technology or Computer Science:~~

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

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

~~¹²Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music Choral Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required Carnegie units. If a local district has graduation requirements above the state requirements, the district may award additional units as outlined in the local school board policy.~~

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

APPENDIX A-4

Effective school year 2021-2022 Appendix A-4 is no longer applicable.

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

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

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

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

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

Equivalency Curriculum Chart for MS Tested Areas

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

Equivalency Test Chart for MS Tested Areas

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

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

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

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

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

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

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

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. Cambridge IGCSE Mathematics I may be accepted in lieu of Algebra I and Cambridge IGSE Extended Sequence may be accepted in lieu of Integrated Math I. ~~One (1) of the four (4) required Carnegie units for mathematics may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II or Architectural Drafting Application.~~ One (1) of the four (4) required Carnegie units for mathematics may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for a science or computer science unit. For approved Career and Technical course substitutions see Appendix A-12.

~~³For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience (which may be taken for a Carnegie unit in 8th grade), and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences Core II or Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology) may be earned by completing Agriculture and Natural Resources I & II. One (1) of the four (4) required Carnegie units for science may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for a mathematics or computer science unit. For approved Career and Technical course substitutions see Appendix A-12. Coordinated Science I or Cambridge IGCSE Biology may be accepted in lieu of Biology.~~

⁴Based on the *2018 Mississippi College- and Career- Readiness Standards for Social Studies*, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB-DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II may be accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

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

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

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

~~⁸Carnegie credit earned in Healthcare & Clinical Services I, or Health Sciences Core I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health.~~ Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health. For approved Career and Technical course substitutions see Appendix A-12.

⁹The following courses meet the Carnegie unit requirement for Technology or Computer Science: ~~ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Technology Foundations, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Exploring Computer Science, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering.~~ AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science. For approved Career and Technical course substitutions see Appendix A-12.

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

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

1. Career and Technical Work Based Learning course
2. Dual Credit SmartStart

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

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

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

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

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

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

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

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

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

APPENDIX A-7

**APPENDIX A-7
GRADUATION REQUIREMENTS
STANDARD 14**

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

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

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

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

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

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

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. Cambridge IGCSE Mathematics I may be accepted in lieu of Algebra I and Cambridge IGSE Extended Sequence may be accepted in lieu of Integrated Math I. One (1) of the four (4) required Carnegie units for mathematics may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II or Architectural Drafting Application. One (1) of the four (4) required Carnegie units for mathematics may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for science or computer science unit. For approved Career and Technical course substitutions see Appendix A-12.

~~³For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience (which may be taken for a Carnegie unit in 8th grade), and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences Core II or Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology) may be earned by completing Agriculture and Natural Resources I & II. One (1) of the four (4) required Carnegie units for science may be in AP Computer Science Principles. If used for a science unit, AP Computer Science Principles cannot then also be used for a mathematics or computer science unit. For approved Career and Technical course substitutions see Appendix A-12. Coordinated Science I or Cambridge IGCSE Biology may be accepted in lieu of Biology.~~

⁴Based on the *2018 Mississippi College- and Career- Readiness Standards for Social Studies*, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB-DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II may be accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

~~⁵Carnegie units earned for Business Fundamentals or Business Fundamentals II may be accepted in lieu of one-half (½) unit in Economics. A.P. Macroeconomics, or A.P. Microeconomics, DC Macroeconomics, or DC Microeconomics can be~~

taken in lieu of the required Economics course. [For approved Career and Technical course substitutions see Appendix A-12.](#)

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

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

~~⁸Carnegie credit earned in Healthcare & Clinical Services I, or Health Sciences Core I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health.~~ Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health. [For approved Career and Technical course substitutions see Appendix A-12.](#)

~~⁹The following courses meet the Carnegie unit requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Technology Foundations, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Exploring Computer Science, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering. AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science.~~ [For approved Career and Technical course substitutions see Appendix A-12.](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 or Cambridge IGCSE English Language can be accepted in lieu of English II. English I is a required prerequisite course for English II. English I may not be taken after a student completes English II.

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. At least two (2) of the four (4) required mathematics Carnegie units must be earned in courses higher than the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. Cambridge IGCSE Mathematics I may be accepted in lieu of Algebra I and Cambridge IGSE Extended Sequence may be accepted in lieu of Integrated Math I. One (1) of the four (4) required Carnegie units for mathematics may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II or Architectural Drafting Application. One (1) of the four (4) required Carnegie units for mathematics may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for a science or computer science unit. For approved Career and Technical course substitutions see Appendix A-12.

~~³For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience (which may be taken for a Carnegie unit in 8th grade), and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences Core II Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. One (1) of the four (4) required Carnegie units for science may be in AP Computer Science Principles. If used for a science unit, AP Computer Science Principles cannot then also be used for a mathematics or computer science unit. For approved Career and Technical course substitutions see Appendix A-12. Coordinated Science I or Cambridge IGCSE Biology may be accepted in lieu of Biology.~~

⁴Based on the 2018 Mississippi College- and Career- Readiness Standards for Social Studies, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB-DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II may be accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

~~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, DC Macroeconomics, or DC Microeconomics~~

can be taken in lieu of the required Economics course. [For approved Career and Technical course substitutions see Appendix A-12.](#)

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

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

~~⁸Carnegie credit earned in Healthcare & Clinical Services I, or Health Sciences Core I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health.~~ Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health. [For approved Career and Technical course substitutions see Appendix A-12.](#)

⁹The following courses meet the Carnegie unit requirement for Technology and Computer Science: ~~ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Technology Foundations,~~ Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, ~~Exploring Computer Science, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering.~~ AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science. [For approved Career and Technical course substitutions see Appendix A-12.](#)

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

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

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

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

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

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

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

- Earn an overall GPA of 2.5
- Two (2) elective courses must meet MS IHL college preparatory curriculum (CPC) requirements
- Must successfully complete one (1) of the following:
- ~~Earn MS college readiness benchmarks: {~~
 - ACT sub scores of 17 in English and 19 in Math
 - ~~or completion of appropriate~~ Essentials of College Math or Essentials of College Literacy ~~with an 80 or above~~ (in senior year)
 - ~~or on the SAT as defined by IHL~~ equivalency subscore
- Must successfully complete one (1) of the following:
 - One (1) AP course with a C or higher and take the appropriate AP exam
 - One (1) Diploma Program-IB or Cambridge (AICE) course with a C or higher and take the appropriate exam
 - One (1) dual credit course and earn a C or higher in the course

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

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

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

APPENDIX A-9

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

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

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

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

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

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

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. At least two (2) of the four (4) required mathematics Carnegie units must be earned in courses higher than the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB- DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. Cambridge IGCSE Mathematics I may be accepted in lieu of Algebra I and Cambridge IGSE Extended Sequence may be accepted in lieu of Integrated Math I. One (1) of the four (4) required Carnegie units for mathematics may be in Architecture & Drafting if the student completes the two-course sequence for Architecture & Drafting I & II or Architectural Drafting Application. One (1) of the four (4) required Carnegie units for science may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for a science or computer science unit. For approved Career and Technical course substitutions see Appendix A-12.

~~³For science Carnegie units, the following Career and Technical (CTE) courses may be used to fulfill science requirements for graduation: one (1) unit may be in Concepts of Agriscience or Introduction to Agriscience (which may be taken for a Carnegie unit in 8th grade), and a second unit may be earned by completing two (2) of the following three (3) courses: Science of Agriculture Plants, Science of Agriculture Animals, and Science of Agricultural Environment. Two (2) units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II, Aquaculture II, Forestry II, Engineering II, Polymer Science II or Careers in Polymer Science, Horticulture II or Horticulture Landscape and Turf grass, Engineering II or Applied Engineering Concepts, Health Sciences Core II or Sports Medicine or Sports Medicine Theory and Application I and Sports Medicine Theory and Application II. A maximum of two (2) of the four (4) required science units (excluding Biology) may be earned by completing Agriculture and Natural Resources I & II. One (1) of the four (4) required Carnegie units for science may be in AP Computer Science Principles. If used for science unit, AP Computer Science Principles cannot then also be used for a mathematics or computer science unit. For approved Career and Technical course substitutions see Appendix A-12. Coordinated Science I or Cambridge IGCSE Biology may be accepted in lieu of Biology.~~

⁴Based on the *2018 Mississippi College- and Career- Readiness Standards for Social Studies*, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB-DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II may be accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

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

~~unit in Economics—~~A.P. Macroeconomics, ~~or~~ A.P. Microeconomics, ~~DC Macroeconomics, or DC Microeconomics~~ can be taken in lieu of the required Economics course. [For approved Career and Technical course substitutions see Appendix A-12.](#)

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

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

~~⁸Carnegie credit earned in Healthcare & Clinical Services I, or Health Sciences Core I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health.~~ Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health. [For approved Career and Technical course substitutions see Appendix A-12.](#)

~~⁹The following courses meet the Carnegie units requirement for Technology and Computer Science: ICT II (Information & Communication Technology II), STEM (Science, Technology, Engineering, & Mathematics), Technology Foundations, Project Lead the Way Computer Science Essentials, Project Lead the Way Introduction to Computer Science, Project Lead the Way Introduction to Engineering, Exploring Computer Science, Cyber Foundations I, Cyber Foundations II, and Computer Science & Engineering. AP Computer Science Principles can only be used once to satisfy the graduation requirement for either mathematics, science or computer science.~~ [For approved Career and Technical course substitutions see Appendix A-12.](#)

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

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

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

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

approval.

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

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

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

- Earn an overall GPA of 3.0
- Two (2) elective courses must meet MS IHL college preparatory curriculum (CPC) requirements
- Must successfully complete one (1) of the following:
- ~~Earn MS college readiness benchmarks: {~~
 - ACT sub scores of 17 in English and 19 in Math
 - ~~or completion of appropriate~~ Essentials of College Math or Essentials of College Literacy ~~with an 80 or above~~ (in senior year)
 - ~~or on the~~ SAT ~~as defined by IHL~~ equivalency subscore
- Must successfully complete one (1) of the following:
 - One (1) AP course with a B or higher and take the appropriate AP exam
 - One (1) Diploma Program-IB or Cambridge (AICE) course with a ~~C~~ B or higher and take the appropriate exam
 - One (1) dual credit course earning a B or higher in the course

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

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

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

APPENDIX A-10

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

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

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

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

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS	GENERAL EDUCATION COURSE SUBSTITUTION
MATHEMATICS	4 ²	Alternate Math I	<ul style="list-style-type: none"> • CCR Compacted Math 7 • CCR Compacted Math Grade 8 with Algebra I (prior to entering HS) • Foundations of Algebra (grade 9 only)
		Alternate Math II	<ul style="list-style-type: none"> • CCR Compacted Math Grade 8 with Algebra I (prior to entering HS) • Foundations of Algebra (Grade 9 only) • Advanced Technical Mathematics
		Alternate Math III	<ul style="list-style-type: none"> • Advanced Technical Mathematics (must be taken prior to CCR Algebra I) • CCR Geometry • CCR Algebra II (contingent on passing CCR Algebra I)
		Alternate Algebra	<ul style="list-style-type: none"> • CCR Algebra I
SCIENCE	2	Alternate Biology	<ul style="list-style-type: none"> • Biology
		Alternate Science II	<p>Courses worth 1 Carnegie Unit</p> <ul style="list-style-type: none"> • Physical Science • Earth and Space Science • Human Anatomy and Physiology • Foundations of Biology <p>OR</p> <p>Courses worth ½ Carnegie Unit</p> <ul style="list-style-type: none"> • Environmental Science • Genetics • Geology • Zoology I • Zoology II • Astronomy • Botany • Foundations of Science Literacy
SOCIAL STUDIES	2	Alternate History	<ul style="list-style-type: none"> • US History
		Alternate Social Studies	<p>Courses worth 1 Carnegie Unit</p> <ul style="list-style-type: none"> • World History • Community Service Learning <p>OR</p> <p>Courses worth ½ Carnegie Unit</p> <ul style="list-style-type: none"> • Economics • US Government • Mississippi Studies • Psychology • Sociology • World Geography • Local Resource Studies
HEALTH	½ ³	Alternate Health	<ul style="list-style-type: none"> • Contemporary Health • Healthcare & Clinical Services I • Health Sciences Core I • Theory and Application of Health Sciences • JROTC I and II
PHYSICAL EDUCATION	½ ⁴	Physical Education	<ul style="list-style-type: none"> • Physical Education

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS	GENERAL EDUCATION COURSE SUBSTITUTION
CAREER READINESS	4 ⁵	Career Readiness I-IV	• Career Readiness was designed specifically for the Alternate Diploma
LIFE SKILLS DEVELOPMENT	4 ⁵	Life Skills Development I-IV	• Life Skills Development was designed specifically for the Alternate Diploma
THE ARTS	1 ⁶	The Arts	
ELECTIVES	2		• Any Carnegie unit credit bearing courses or a combination of ½ Carnegie unit credit bearing courses
TOTAL UNITS REQUIRED	24		

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

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

³~~Carnegie units earned in Healthcare & Clinical Services I, or Health Sciences Core I may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (1/2) Carnegie unit in Health.~~ Successful completion in JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet graduation requirement for one-half (1/2) Carnegie unit in Health. [For approved Career and Technical course substitutions see Appendix A-12.](#)

⁴The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC that meet the instructional requirements specified in the Fitness through Physical Education Framework and that are sanctioned by the Mississippi High School Activities Association. Only one (1) elective unit in physical education including participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings),

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

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

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

APPENDIX A-12

APPENDIX A-12

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

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met
<p><u>Agriculture & Natural Resources I (991100)</u> <u>Agriculture & Natural Resources II (991101)</u> OR <u>Fundamentals of Ag. & Nat. Resources (991102)</u> <u>Ag. & Nat. Res.: Soils and Ag. Lab Operations (991103)</u> <u>Ag. & Nat. Res.: Environmental Science (991104)</u> <u>Ag. & Nat. Res.: Equipment Operation and Business Management (991105)</u></p>	<p><u>2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u></p>
<p><u>Aquaculture I (991600)</u> <u>Aquaculture II (991601)</u> OR <u>Introduction to Aquaculture (991602)</u> <u>Basic Aquaculture (991603)</u> <u>Advanced Aquaculture (992604)</u> <u>Application of Aquaculture (991605)</u></p>	<p><u>2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u></p>
<p><u>Forestry I (991500)</u> <u>Forestry II (991501)</u> OR <u>Forestry Introduction (991502)</u> <u>Forestry Surveying and Measurements (991503)</u> <u>Forestry Cruising (991504)</u> <u>Forestry Marketing (991505)</u></p>	<p><u>2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u></p>
<p><u>Horticulture I (991400)</u> <u>Horticulture II (991401)</u> OR <u>Introduction to Horticulture (991402)</u> <u>Horticulture Plant Processes (991403)</u> <u>Horticulture Nursery (991404)</u> <u>Horticulture Landscape and Turfgrass (991405)</u></p>	<p><u>2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u></p>
<p><u>AEST Science of Agricultural Plants I (991013)</u> <u>AEST Science of Agricultural Plants II (991023)</u> OR <u>AEST Science of Agricultural Animals I (991010)</u> <u>AEST Science of Agricultural Animals II (991020)</u> OR <u>AEST Science of Agricultural Environment I (991011)</u> <u>AEST Science of Agricultural Environment II (991021)</u></p>	<p><u>1 unit of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.</u></p>
<p><u>Concepts of Agriscience (991000)</u></p>	<p><u>1 unit of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.</u></p>
<p><u>Introduction to Agriscience (029990)</u></p>	<p><u>1 unit of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.</u></p>
<p><u>Engineering and Mechatronics I (994000)</u> <u>Engineering II (994001)</u> OR <u>Engineering and Mechatronics Fundamentals (994002)</u></p>	<p><u>2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE</u></p>

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met
Engineering and Mechatronics Industry Skills (994003) Engineering Manufacturing Concepts (994004) Engineering Systems (994005)	course.
Polymer Science I (994500) Polymer Science II (994501) OR Introduction to Polymer Science I (994502) Introduction to Polymer Science II (994503) Advanced Topics in Polymer Science (994504) Careers in Polymer Science (994505)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Health Science Core (995100) Healthcare and Clinical Services (995101) OR Health Science Core I (995102) Health Science Core II (995103) Healthcare and Clinical Services I (995104) Healthcare and Clinical Services II (995105)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Health Science Core (995100) Sports Medicine (995200) OR Health Science Core I (995102) Health Science Core II (995103) Sports Medicine: Theory & Application I (995202) Sports Medicine: Theory & Application II (995203)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Architectural Design & Drafting I (994300) Architectural Design & Drafting II (994301) OR Concepts of Drafting (994302) Drafting and Design (994303) Architectural Drafting (994304) Architectural Drafting Application (994305)	1 unit of Math (other than Algebra I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
AP Computer Science Principles (110145)	1 unit of Technology/Computer Science OR 1 Unit of Math OR 1 Unit of Science may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie Units are awarded.
AP Computer Science A (110141)	1 unit of Technology/Computer Science OR 1 Unit of Math OR 1 Unit of Science may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie Units are awarded.
Health Science Core I (995102) OR Healthcare and Clinical Services I (995104)	½ unit of Health may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Digital Media Technology I & II (994100 and 994101) OR Orientation to Digital Media (994108) Fundamentals of Digital Media (994109) Theory and Applications of Digital Media I (994110) Theory and Applications of Digital Media II (994111)	1 unit of the Arts may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Business Fundamentals (992300) (No longer offered) OR Business Fundamentals I (992301) (No longer offered) Business Fundamentals II (992302) (No longer offered)	½ unit of Economics may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Business, Marketing, and Finance I (992004)	½ unit of Personal Finance may be awarded as a

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met
<u>Business, Marketing, and Finance II (992005)</u> OR <u>Fundamentals of Business & Entrepreneurship (992404)</u> <u>Marketing (992403)</u> <u>Management (992309)</u> <u>Finance (992003)</u>	<u>Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u> AND <u>½ unit of Economics may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.</u>

APPENDIX B-1

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

**APPENDIX B-1
REQUIRED COURSES IN THE CURRICULUM OF EACH SECONDARY SCHOOL
STANDARD 26**

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

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

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

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
HEALTH/PHYSICAL EDUCATION	Contemporary Health	$\frac{1}{2}$	1
	Physical Education	$\frac{1}{2}$	
THE ARTS	Any approved Arts course	1	1
FAMILY & CONSUMER SCIENCE	Family Dynamics	$\frac{1}{2}$	$\frac{1}{2}$
CAREER & TECHNICAL	Any combination of courses	4	4
ADVANCED PLACEMENT ^{5,6}	At least one (1) advanced placement course in each of the four (4) core areas.		4
	AP Course in Mathematics	$\frac{1}{2}$ ^{5,6}	
	AP Course in Science	$\frac{1}{2}$ ^{5,6}	
	AP Course in English Language Arts	$\frac{1}{2}$ ^{5,6}	
	AP Course in Social Studies	$\frac{1}{2}$ ^{5,6}	
ELECTIVES	World Language (IHL) or Advanced World Geography (IHL)	1	1½
	Any other Elective	$\frac{1}{2}$	
TOTAL UNITS REQUIRED			33½

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

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

³One half ($\frac{1}{2}$) unit in Financial Technology, one half ($\frac{1}{2}$) unit in Resource Management, or one half ($\frac{1}{2}$) unit in National Endowment for Personal Finance may be offered in lieu of one half ($\frac{1}{2}$) unit in Personal Finance.

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

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

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

APPENDIX B-2

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

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

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

¹~~Two (2) of the three (3) elective science units may be offered through the following courses: Concepts of Agriscience; Science of Agricultural Plants; Science of Agricultural Animals; Science of Agricultural Environment; Aquaculture; Healthcare & Clinical Services I & II; Forestry I & II; Horticulture I & II; Agriculture and Natural Resources I & II; or Robotics/Engineering I & II. For Approved Career and Technical course substitutions see Appendix A-12.~~

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

² ³The Arts refers to Dance, Media Arts, Music, Theatre, and Visual Arts. For a listing of approved secondary course codes please refer to the arts section or the Mississippi Online Course Approval (MOCA) section of the current *Approved Courses for the Secondary Schools of Mississippi*. ~~Digital Media I & II or Theory and Application of Digital Media I & II, The following dual credit classes: Music Appreciation, Theatre Appreciation, or Art Appreciation~~ may be accepted in lieu of the art requirement for students. ~~For Approved Career and Technical course substitutions see Appendix A-12.~~

³ ⁴The purpose of the College and Career Readiness Course is to provide planning and instruction for postsecondary transition. The following courses are approved substitutions for the CCR course:

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

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

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

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

⁴ ⁵A school offering the International Baccalaureate Diploma Program and Cambridge (AICE) is exempt. Distance learning

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

APPENDIX C-1

Effective school year 2021-2022 APPENDIX C-1 is no longer applicable. FRESHMAN ADMISSION REQUIREMENTS FOR UNIVERSITY SYSTEM INSTITUTIONS (COLLEGE PREPARATORY CURRICULUM)

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

The minimum REQUIRED CPC for full admission into a Mississippi public university is as follows:	The minimum RECOMMENDED CPC for full admission into a Mississippi public university is as follows:
<p>English: 4 Carnegie units</p> <ul style="list-style-type: none"> • All must require substantial communication skills (i.e., reading, writing, listening, and speaking). Compensatory Reading and Writing may not be included. 	<p>English: 4 Carnegie units</p> <ul style="list-style-type: none"> • All must require substantial communication skills (i.e., reading, writing, listening, and speaking). Compensatory Reading and Writing may not be included.
<p>Mathematics: 3 Carnegie units</p> <ul style="list-style-type: none"> • Algebra I or its equivalent • Math higher than Algebra I (2 units) 	<p>Mathematics: 4 Carnegie units</p> <ul style="list-style-type: none"> • Algebra I or its equivalent • Math higher than Algebra I (3 units)
<p>Science: 3 Carnegie units</p> <ul style="list-style-type: none"> • Biology I or its equivalent • Science higher than Biology I (2 units) 	<p>Science: 4 Carnegie units</p> <ul style="list-style-type: none"> • Biology I or its equivalent • Science higher than Biology I (3 units)
<p>Social Studies: 3 Carnegie units</p> <ul style="list-style-type: none"> • U.S. History • World History • U.S. Government (½ unit) • Economics (½ unit) or Introduction to World Geography (½ unit) 	<p>Social Studies: 4 Carnegie units</p> <ul style="list-style-type: none"> • U.S. History • World History • U.S. Government (½ unit) • Economics (½ unit) • Introduction to World Geography (½ unit) • Mississippi Studies (or state/local government course in any other state)
<p>Arts: 1 Carnegie unit</p> <ul style="list-style-type: none"> • Includes any one (1) Carnegie unit (or two ½ units) of visual and performing arts course(s) meeting the requirements for high school graduation. 	<p>Arts: 1 Carnegie unit</p> <ul style="list-style-type: none"> • Includes any one (1) Carnegie unit (or two ½ units) of visual and performing arts course(s) meeting the requirements for high school graduation.
<p>Advanced Electives: 2 Carnegie units</p> <ul style="list-style-type: none"> • Option 1: Foreign Language I and Foreign Language II • Option 2: Foreign Language I and Advanced World Geography • Option 3: Any combination of English, Mathematics higher than Algebra I, Science higher than Biology I, Advanced Elective category, any AP course, any IB course 	<p>Advanced Electives: 2 Carnegie units</p> <ul style="list-style-type: none"> • Option 1: Foreign Language I and Foreign Language II • Option 2: Foreign Language I and Advanced World Geography • Option 3: Any combination of English, Mathematics higher than Algebra I, Science higher than Biology I, Advanced Elective category, any AP course, any IB course

APPENDIX C-1 (Continued)
FRESHMAN ADMISSION REQUIREMENTS FOR UNIVERSITY SYSTEM INSTITUTIONS
(COLLEGE PREPARATORY CURRICULUM)

<p>Technology: ½ Carnegie unit</p> <ul style="list-style-type: none"> • A course that emphasizes the use of technology as a productivity tool. Instruction should include utilizing various forms of technology to create, collaborate, organize, and publish information. The application of technology as a productivity tool, rather than specific hardware and/or software packages should be the focus of the course. 	<p>Technology: ½ Carnegie unit</p> <ul style="list-style-type: none"> • A course that emphasizes the use of technology as a productivity tool. Instruction should include utilizing various forms of technology to create, collaborate, organize, and publish information. The application of technology as a productivity tool, rather than specific hardware and/or software packages should be the focus of the course.
Total Carnegie units: 16½	Total Carnegie units: 19½
<p>Notes:</p> <ul style="list-style-type: none"> • Pre-High School units: Courses taken prior to high school will be accepted for admission provided the course earns Carnegie credit and the content is the same as the high school course. • Substitutions: Advanced Placement (AP) and International Baccalaureate (IB) courses can be substituted for each requirement in the College Preparatory Curriculum. • Course Acceptance: A course may not be used to satisfy more than one (1) requirement. • The Required and Recommended College Preparatory Curricula (CPC) are approved by the IHL Board of Trustees. The Mississippi Department of Education maintains the MDE Secondary Course Manual with CPC Classifications. 	

IHL Board Policy §602.B. FULL ADMISSION

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

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

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

IHL Board Policy §608. INTERMEDIATE COURSES

A. All entering students admitted under Board Policy 602 enrolled at an IHL university with an ACT Mathematics subtest score of 16 or less will be required to take Intermediate Mathematics during their first semester of enrollment. At the discretion of the admitting IHL institution, students whose Mathematics subtest score is 17, 18, or 19 may be required to take Intermediate Mathematics. Students with a minimum ACT Mathematics subtest score of 15 who have completed the Mississippi

APPENDIX C-1 (Continued)
FRESHMAN ADMISSION REQUIREMENTS FOR UNIVERSITY SYSTEM INSTITUTIONS
(COLLEGE PREPARATORY CURRICULUM)

~~Department of Education approved mathematics transitional course with a grade of “80” or higher will not be required to take Intermediate Mathematics and should be enrolled in a college-level mathematics course during their first semester of enrollment.~~

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

APPENDIX C-1 (Continued)
FRESHMAN ADMISSION REQUIREMENTS FOR UNIVERSITY SYSTEM INSTITUTIONS
(COLLEGE PREPARATORY CURRICULUM)

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

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

IHL-05/09/18

Equivalency Chart for Innovative Programs—Authorized by the State Board of Education

Equivalency Curriculum Chart for Secondary Mathematics

Traditional Model	Cambridge
Algebra I	Cambridge IGCSE Mathematics I or Cambridge Mathematics I Extended Sequence
Geometry	Cambridge IGCSE Mathematics I or Cambridge Mathematics I Extended Sequence
Algebra II	Cambridge IGCSE Mathematics II or Cambridge Mathematics II Extended Sequence

APPENDIX C-2

FRESHMAN ADMISSION REQUIREMENTS FOR UNIVERSITY SYSTEM INSTITUTIONS (COLLEGE PREPARATORY CURRICULUM)

Begins with incoming students of 2022.

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

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

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

IHL Board Policy §602.B. FULL ADMISSION

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

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

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

IHL Board Policy §608. INTERMEDIATE COURSES

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

- F. Regarding course placement using an ACT subtest score, exemptions to this policy based on prior high school course performance, postsecondary course performance, or other academic experiences must be approved by the institution’s Chief Academic Officer or designee.

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

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

IHL, 05/09/18

~~Equivalency Chart for Innovative Programs – Authorized by the State Board of Education~~

~~Equivalency Curriculum Chart for Secondary Mathematics~~

Traditional Model	Cambridge
Algebra I	Cambridge IGCSE Mathematics I or Cambridge 9th Core Mathematics Extended Sequence
Geometry	Cambridge IGCSE Mathematics I or Cambridge Mathematics 1 Extended Sequence
Algebra II	Cambridge IGCSE Mathematics II or Cambridge Mathematics II Extended Sequence

Clean Version

Excerpts from *Mississippi Public School Accountability Standards, 2020*

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, Miss. Admin. Code 7-3: 36.2-36.4, State Board Policy Chapter 36, Rules 36.2 through 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) (Miss. Admin. Code 7- 3: 28.2 and 28.3, State Board Policy Chapter 28, Rules 28.2 and 28.3.) Students receiving a standard diploma shall select from graduation pathways as specified by the local school district’s graduation requirements, which must include the diploma endorsement options outlined in Process Standards 14.1.8, 14.1.9, and 14.1.10. Diploma endorsement options shall be required of all school districts effective with the incoming ninth graders of 2019-2020. Prior cohorts of students shall be eligible to earn endorsement(s) if all applicable requirements are met.
 - 14.1.1 Beginning in school year 2018-2019, all seventh-grade students are required to have an Individual Success Plan (ISP) prior to exiting the seventh grade.
 - 14.1.2 Innovative Programs
 - 14.1.3 Entering ninth graders in 2018-2019 and thereafter, are required to have a minimum of 24 Carnegie units as specified in Appendix A-6.
 - 14.1.4 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.
 - 14.1.5 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.
 - 14.1.6 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.
 - 14.1.7 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.

Effective School year 2021-2022 APPENDIX A-1 is no longer applicable.

Effective School year 2021-202 APPENDIX A-2 is no longer applicable.

APPENDIX A-3

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

Effective school year 2021-2022 APPENDIX A-4 is no longer applicable.

APPENDIX A-6

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

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

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

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

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

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

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. Cambridge IGCSE Mathematics I may be accepted in lieu of Algebra I and Cambridge IGSE Extended Sequence may be accepted in lieu of Integrated Math I. One (1) of the four (4) required Carnegie units for mathematics may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for a science or computer science unit. For approved Career and Technical course substitutions see Appendix A-12.

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

⁴Based on the *2018 Mississippi College- and Career- Readiness Standards for Social Studies*, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB-DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II may be accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

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

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

⁷The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC

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

⁸Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health. For approved Career and Technical course substitutions see Appendix A-12.

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

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

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

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

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

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

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

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

- Students must identify an endorsement area prior to entering 9th grade. Endorsement requirements can only be changed with parental permission this includes dropping the endorsement to earn only the Traditional diploma.
- For early release, students must meet College- and Career-Readiness benchmarks of 17 in English and 19 in Math on the ACT sub-score OR earn a Silver level on the ACT WorkKeys suite of assessments. For seniors that have not meet the benchmarks, to qualify for early release (work release) students must meet the following requirements:
 - Have a GPA of 2.5 and have passed or meet the assessment option requirements for all four end-

of-course assessments

- Are on track to meet the diploma requirements
- Are concurrently enrolled in the appropriate Essentials for College Math and/or Essentials for College Literacy

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

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

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

APPENDIX A-7

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

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

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

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

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

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

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. Cambridge IGCSE Mathematics I may be accepted in lieu of Algebra I and Cambridge IGCSE Extended Sequence may be accepted in lieu of Integrated Math I. One (1) of the four (4) required Carnegie units for mathematics may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for science or computer science unit. For approved Career and Technical course substitutions see Appendix A-12.

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

⁴Based on the *2018 Mississippi College- and Career- Readiness Standards for Social Studies*, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB-DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II may be accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

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

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

⁷The graduation requirement for one-half (½) unit in physical education may include participation in interscholastic athletic activities, choral performance courses for show choir (i.e. Choral, Music-Choral-Ensembles), instrumental performance courses (i.e. Band, Music Instrumental Ensembles, Strings), dance performance courses or JROTC

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

⁸Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health. For approved Career and Technical course substitutions see Appendix A-12.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 or Cambridge IGCSE English Language can be accepted in lieu of English II. English I is a required prerequisite course for English II. English I may not be taken after a student completes English II.

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. At least two (2) of the four (4) required mathematics Carnegie units must be earned in courses higher than the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB-DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. Cambridge IGCSE Mathematics I may be accepted in lieu of Algebra I and Cambridge IGCSE Extended Sequence may be accepted in lieu of Integrated Math I. One (1) of the four (4) required Carnegie units for mathematics may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for a science or computer science unit. For approved Career and Technical course substitutions see Appendix A-12.

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

⁴Based on the *2018 Mississippi College- and Career- Readiness Standards for Social Studies*, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB-DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II may be accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

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

⁶The Carnegie credit earned for a State/Local Government course in any other state by an out-of-state transfer student who enters after the sophomore year can stand in lieu of Mississippi Studies or Mississippi State and Local Government. If the transfer student took a State/Local Government course in a grade level that did not award Carnegie unit credit, then any other one-half ($\frac{1}{2}$) unit social studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other one-half ($\frac{1}{2}$) unit social studies course. IB-DP History of the Americas II is accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program.

⁷The graduation requirement for one-half ($\frac{1}{2}$) unit in physical education may include participation in interscholastic

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

⁸Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health. For approved Career and Technical course substitutions see Appendix A-12.

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

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

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

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

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

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

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

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

- Earn an overall GPA of 2.5
- Two (2) elective courses must meet MS IHL college preparatory curriculum (CPC) requirements
- Must successfully complete one (1) of the following:
 - ACT sub scores of 17 in English and 19 in Math
 - Essentials of College Math or Essentials of College Literacy (in senior year)

- SAT equivalency subscore
- Must successfully complete one (1) of the following:
 - One (1) AP course with a C or higher and take the appropriate AP exam
 - One (1) Diploma Program-IB or Cambridge (AICE) course with a C or higher and take the appropriate exam
 - One (1) dual credit course and earn a C or higher in the course

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

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

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

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

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

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

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

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

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

²Carnegie units earned for Compensatory Mathematics courses cannot be included as any of the four (4) Math Carnegie units required for graduation; however, Carnegie units earned for these courses may be included in the general elective graduation requirements. Compensatory Mathematics may be taken only if a credit-bearing Math course is taken in the same school year. CCR Mathematics Grade 8, Ready for High School Mathematics, and Foundations of Algebra cannot be taken after a student has received a Carnegie unit in the CCR Algebra I course. At least two (2) of the four (4) required mathematics Carnegie units must be earned in courses higher than the CCR Algebra I course. The Ready for High School Mathematics course shall only be available for 8th grade or 9th grade students. Foundations of Algebra shall only be available for 9th grade students. MYP Geometry, MYP Algebra II, IB- DP Mathematics I, IB-DP Mathematics II, IB-DP Mathematical Studies I, and IB-DP Mathematical Studies II are allowable mathematics courses higher than Algebra I for IB students. Cambridge IGCSE Mathematics I may be accepted in lieu of Algebra I and Cambridge IGSE Extended Sequence may be accepted in lieu of Integrated Math I. One (1) of the four (4) required Carnegie units for science may be in AP Computer Science Principles. If used for a mathematics unit, AP Computer Science Principles cannot then also be used for a science or computer science unit. For approved Career and Technical course substitutions see Appendix A-12.

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

⁴Based on the *2018 Mississippi College- and Career- Readiness Standards for Social Studies*, AP World History, DC World Civilization I, AP European History, or DC Western Civilization I may be accepted in lieu of the required World History from the Age of Enlightenment to Present course. AP United States History or DC United States History II may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course. A student taking an AP or DC course in lieu of a course with a required end-of-course state test shall take the requisite MAAP test. AP Government and Politics: United States and DC American National may be accepted in lieu of the required United States Government course. IB-DP History of the Americas I may be accepted in lieu of the required U.S. History course for students enrolled in the IB program. IB-DP History of the Americas II may be accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program. MYP U.S. Government may be accepted in lieu of the required Government course for students enrolled in the IB program. Cambridge IGCSE American History or Cambridge International AS level history may be accepted in lieu of the required U.S. History from Post-reconstruction to Present course.

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

⁶The Carnegie credit earned for a State/Local Government course in any other state by an out-of-state transfer student who enters after the sophomore year can stand in lieu of Mississippi Studies or Mississippi State and Local Government. If the transfer student took a State/Local Government course in a grade level that did not award Carnegie unit credit, then any other one-half ($\frac{1}{2}$) unit social studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other one-half ($\frac{1}{2}$) unit social studies course. IB-DP History of the Americas II is accepted in lieu of the required Mississippi Studies, Economics, and/or U.S. Government courses for students enrolled in the IB program.

⁷The graduation requirement for one-half ($\frac{1}{2}$) unit in physical education may include participation in interscholastic

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

⁸Successful completion of JROTC I and JROTC II may be accepted in lieu of Contemporary Health to meet the graduation requirement for one-half (½) Carnegie unit in Health. For approved Career and Technical course substitutions see Appendix A-12.

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

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

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

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

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

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

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

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

- Earn an overall GPA of 3.0
- Two (2) elective courses must meet MS IHL CPC recommended requirements
- Must successfully complete one (1) of the following:
 - ACT sub scores of 17 in English and 19 in Math
 - Essentials of College Math or Essentials of College Literacy (in senior year)
 - SAT equivalency subscore

- Must successfully complete one (1) of the following:
 - One (1) AP course with a B or higher and take the appropriate AP exam
 - One (1) Diploma Program-IB or Cambridge (AICE) course with a B or higher and take the appropriate exam
 - One (1) dual credit course earning a B or higher in the course

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

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

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

APPENDIX A-10

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

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

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

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

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

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS	GENERAL EDUCATION COURSE SUBSTITUTION
MATHEMATICS	4 ²	Alternate Math I	<ul style="list-style-type: none"> • CCR Compacted Math 7 • CCR Compacted Math Grade 8 with Algebra I (prior to entering HS) • Foundations of Algebra (grade 9 only)
		Alternate Math II	<ul style="list-style-type: none"> • CCR Compacted Math Grade 8 with Algebra I (prior to entering HS) • Foundations of Algebra (Grade 9 only) • Advanced Technical Mathematics
		Alternate Math III	<ul style="list-style-type: none"> • Advanced Technical Mathematics (must be taken prior to CCR Algebra I) • CCR Geometry • CCR Algebra II (contingent on passing CCR Algebra I)
		Alternate Algebra	<ul style="list-style-type: none"> • CCR Algebra I
SCIENCE	2	Alternate Biology	<ul style="list-style-type: none"> • Biology
		Alternate Science II	<p>Courses worth 1 Carnegie Unit</p> <ul style="list-style-type: none"> • Physical Science • Earth and Space Science • Human Anatomy and Physiology • Foundations of Biology <p>OR</p> <p>Courses worth ½ Carnegie Unit</p> <ul style="list-style-type: none"> • Environmental Science • Genetics • Geology • Zoology I • Zoology II • Astronomy • Botany • Foundations of Science Literacy
SOCIAL STUDIES	2	Alternate History	<ul style="list-style-type: none"> • US History
		Alternate Social Studies	<p>Courses worth 1 Carnegie Unit</p> <ul style="list-style-type: none"> • World History • Community Service Learning <p>OR</p> <p>Courses worth ½ Carnegie Unit</p> <ul style="list-style-type: none"> • Economics • US Government • Mississippi Studies • Psychology • Sociology • World Geography • Local Resource Studies
HEALTH	½ ³	Alternate Health	<ul style="list-style-type: none"> • Contemporary Health • Healthcare & Clinical Services I • Health Sciences Core I • Theory and Application of Health

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

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

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

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

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

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

⁶The Arts refers to Dance, Media Arts, Music, Theatre, and Visual Arts. For a listing of approved secondary course codes please refer to the arts section or the Mississippi Online Course Approval (MOCA) section of the current *Approved Courses for the Secondary Schools of Mississippi*. The following dual credit classes: Music Appreciation,

Theatre Appreciation, or Art Appreciation may be accepted in lieu of the art requirement for students. For approved Career and Technical course substitutions see Appendix A-12.

APPENDIX A-12

APPENDIX A-12

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

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met
Agriculture & Natural Resources I (991100) Agriculture & Natural Resources II (991101) OR Fundamentals of Ag. & Nat. Resources (991102) Ag. & Nat. Res.: Soils and Ag. Lab Operations (991103) Ag. & Nat. Res.: Environmental Science (991104) Ag. & Nat. Res.: Equipment Operation and Business Management (991105)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Aquaculture I (991600) Aquaculture II (991601) OR Introduction to Aquaculture (991602) Basic Aquaculture (991603) Advanced Aquaculture (992604) Application of Aquaculture (991605)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Forestry I (991500) Forestry II (991501) OR Forestry Introduction (991502) Forestry Surveying and Measurements (991503) Forestry Cruising (991504) Forestry Marketing (991505)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Horticulture I (991400) Horticulture II (991401) OR Introduction to Horticulture (991402) Horticulture Plant Processes (991403) Horticulture Nursery (991404) Horticulture Landscape and Turfgrass (991405)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
AEST Science of Agricultural Plants I (991013) AEST Science of Agricultural Plants II (991023) OR AEST Science of Agricultural Animals I (991010) AEST Science of Agricultural Animals II (991020) OR AEST Science of Agricultural Environment I (991011) AEST Science of Agricultural Environment II (991021)	1 unit of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.
Concepts of Agriscience (991000)	1 unit of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.
Introduction to Agriscience (029990)	1 unit of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.
Engineering and Mechatronics I (994000)	2 units of Science (other than Biology I) may be

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met
Engineering II (994001) OR Engineering and Mechatronics Fundamentals (994002) Engineering and Mechatronics Industry Skills (994003) Engineering Manufacturing Concepts (994004) Engineering Systems (994005)	awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Polymer Science I (994500) Polymer Science II (994501) OR Introduction to Polymer Science I (994502) Introduction to Polymer Science II (994503) Advanced Topics in Polymer Science (994504) Careers in Polymer Science (994505)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Health Science Core (995100) Healthcare and Clinical Services (995101) OR Health Science Core I (995102) Health Science Core II (995103) Healthcare and Clinical Services I (995104) Healthcare and Clinical Services II (995105)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Health Science Core (995100) Sports Medicine (995200) OR Health Science Core I (995102) Health Science Core II (995103) Sports Medicine: Theory & Application I (995202) Sports Medicine: Theory & Application II (995203)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Architectural Design & Drafting I (994300) Architectural Design & Drafting II (994301) OR Concepts of Drafting (994302) Drafting and Design (994303) Architectural Drafting (994304) Architectural Drafting Application (994305)	1 unit of Math (other than Algebra I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
AP Computer Science Principles (110145)	1 unit of Technology/Computer Science OR 1 Unit of Math OR 1 Unit of Science may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie Units are awarded.
AP Computer Science A (110141)	1 unit of Technology/Computer Science OR 1 Unit of Math OR 1 Unit of Science may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie Units are awarded.
Health Science Core I (995102) OR Healthcare and Clinical Services I (995104)	½ unit of Health may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Digital Media Technology I & II (994100 and 994101) OR Orientation to Digital Media (994108) Fundamentals of Digital Media (994109)	1 unit of the Arts may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met
Theory and Applications of Digital Media I (994110) Theory and Applications of Digital Media II (994111)	
Business Fundamentals (992300) (No longer offered) OR Business Fundamentals I (992301) (No longer offered) Business Fundamentals II (992302) (No longer offered)	½ unit of Economics may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Business, Marketing, and Finance I (992004) Business, Marketing, and Finance II (992005) OR Fundamentals of Business & Entrepreneurship (992404) Marketing (992403) Management (992309) Finance (992003)	½ unit of Personal Finance may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course. AND ½ unit of Economics may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.

APPENDIX B-1

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

APPENDIX B-2

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

CURRICULUM AREA	COURSES	UNITS	TOTAL UNITS
ENGLISH	English I	1	5
	English II	1	
	English III	1	
	English IV	1	
	Essentials for College Literacy	1	
MATHEMATICS	Algebra I	1	5
	Geometry	1	
	Algebra II	1	
	Essentials for College Math	1	
	Elective Mathematics Courses	1	
SCIENCE	Biology	1	6
	Chemistry	1	
	Physics	1	
	Elective Science Courses ¹	3	
SOCIAL STUDIES	U.S. History	1	3½
	U.S. Government	½	
	Mississippi Studies	½	
	World History	1	
	Economics	½	
TECHNOLOGY OR COMPUTER SCIENCE ²	Any one (1) credit Technology or Computer Science	1	1
HEALTH/PHYSICAL EDUCATION	Contemporary Health	½	1
	Physical Education	½	
THE ARTS ³	Any approved Arts course	1	1
COLLEGE AND CAREER READINESS ⁴	College and Career Readiness	1	1
CAREER & TECHNICAL	Any combination of CTE courses	4	4

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

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

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

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

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

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

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

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

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

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

APPENDIX C-1

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

APPENDIX C-2

FRESHMAN ADMISSION REQUIREMENTS FOR UNIVERSITY SYSTEM INSTITUTIONS (COLLEGE PREPARATORY CURRICULUM) *Begins with incoming students of 2022.*

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

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

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

IHL Board Policy §602.B. FULL ADMISSION

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

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

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

IHL Board Policy §608. INTERMEDIATE COURSES

- A. All entering students admitted under Board Policy 602 enrolled at an IHL university with an ACT Mathematics subtest score of 16 or less will be required to take Intermediate Mathematics during their first semester of enrollment. At the discretion of the admitting IHL institution, students whose Mathematics subtest score is 17, 18, or 19 may be required to take Intermediate Mathematics. Students with a minimum ACT Mathematics subtest score of 15 who have completed the Mississippi Department of Education approved mathematics transitional course with a grade of “80” or higher will not be required to take Intermediate Mathematics and should be enrolled in a college-level mathematics course during their first semester of enrollment.
- B. All entering students admitted under Board Policy 602 enrolled at an IHL university with an ACT English subtest score of 16 or less will be required to take Intermediate English during their first semester of enrollment. At the discretion of the admitting IHL institution, students whose English subtest score is 17, 18, or 19 may be required to take Intermediate English. Students with a minimum ACT English subtest score of 15 who have completed the Mississippi Department of Education approved literacy transitional course with a grade of “80” or higher will not be required to take Intermediate English and should be enrolled in a college-level English course during their first semester of enrollment.
- C. All entering students admitted under Board Policy 602 enrolled at an IHL university with an ACT Reading subtest score of 16 or less will be required to take Intermediate Reading during their first semester of enrollment. At the discretion of the admitting IHL institution, students whose Reading subtest score is 17, 18, or 19 may be required to take Intermediate Reading. Students taking Intermediate Reading should not be permitted to take reading-intensive courses, such as History. Students with a minimum ACT Reading subtest score of 15 who have completed the Mississippi Department of Education approved literacy transitional course with a grade of “80” or higher will not be required to take Intermediate Reading.
- D. Students taking two or more intermediate courses must enroll in the year-long Academic Support Program or some other IHL-recognized intervention strategy to promote success in the courses in which

they are not fully prepared, according to ACT subtest scores and will not be permitted to take more than 17 hours.

- E. Intermediate courses may be delivered through a co-requisite model coupled with a credit bearing gateway course.
- F. Regarding course placement using an ACT subtest score, exemptions to this policy based on prior high school course performance, postsecondary course performance, or other academic experiences must be approved by the institution’s Chief Academic Officer or designee.

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

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

IHL, 05/09/18