<p align="center">2025-2026</p>

<p align="center">THE STEM EARLY COLLEGE PROGRAM AGREEMENT</p>

<p align="center">BETWEEN</p>

<p align="center">THE CHIPOLA COLLEGE BOARD OF TRUSTEES</p>

<p align="center">AND</p>

<p align="center">THE JACKSON COUNTY SCHOOL BOARD</p>

This agreement is entered into by and between the District Board of Trustees of Chipola College, 3094 Indian Circle, Marianna, FL 32446, herein referred to as the "College," and the Jackson County School Board, 2903 Jefferson Street, Marianna, FL 32446, herein referred to as the "Board."

Florida Statute 1007.263 – requires each Florida College System institution to work with each district school board in its designated service area to establish an Early College Program for one year, commencing on January 1, 2025 and remaining in effect through December 31, 2025.

A Student Performance Contract must be signed by the student, the parents, a representative of the Jackson County School Board and a representative of Chipola College. The contract includes: (a) schedule of required courses each semester; (b) industry certifications to be taken; (c) attendance requirements; and (d) course grade requirements.

The Stem Early College Program will be held on the Chipola College Campus.

GRADE LEVEL, STUDENT ELIGIBILITY, AND DEADLINES

An eligible secondary student is defined in F.S. §1007.271(2), as a student who is enrolled in a Florida public secondary school. An un-weighted 3.0 high school GPA must be achieved and maintained to enroll in college credit courses. Students must also maintain a 2.0 college grade point average both term and cumulative to continue in The Stem Early College Program.

Students enrolling in The Stem Early College Program must identify choice of academy based on their postsecondary education objective and goals. The College Academic Advisor is responsible for appropriate student academic advisement and educational planning. The Stem Early College Academic Advisor will work closely with students and high school guidance professionals in the development of student academic and education plans.

Eligible Students Must:

Have completed the 10th grade.

Have a minimum un-weighted cumulative high school grade point average of 3.0 **and passing scores on each subtest of the American College Test (ACT), or Scholastic Aptitude Test (SAT), Classic Learning Test (CLT), or Postsecondary Education Readiness Test (PERT).** Scores can be no more than two years old.

Have written approval of the high school principal and the board.

Enroll and maintain full-time status at Chipola and cannot be concurrently enrolled in high school, virtual school, or another college.

> Students participating in The Stem Early College Program are eligible under the Florida High School Athletic Association (FHSAA) to participate in high school athletics. Students may not participate in any other high school activities during the instructional day.

> Students who withdraw must complete the official Chipola College form for Withdrawal from Class. Students must have approval from high school to withdraw from college coursework. The withdrawal form and the textbook(s) must be delivered to the high school guidance counselor. The high school guidance counselor must then forward the completed form to the College Registrar on or before the final withdrawal date specified in the College catalog. The Registrar will officially withdraw the student from the College course. The Registrar will send a copy of the form to the high school counselor and remind students to turn in textbook(s) to the high school.

> Stem Early College students **must** meet **College established deadlines** for withdrawal and/or resignation from class(es). The College calendar, dates and deadlines are available in the college schedule of classes, the College Catalog, the Student Handbook/Planner and online at www.chipola.edu.

> Stem Early College students must adhere to College attendance policies rather than high school attendance policies. The only excused absences are those sanctioned by Chipola College — high school activities are not excused for students enrolled in classes on the Chipola College campus.

> Stem Early College students will be expected to meet firm assignment deadlines   and should expect 2-3 hours of homework for each hour spent in class.

> Students changing high schools must notify the college. Additionally, students withdrawing from a public high school are no longer eligible for the Stem Early College Program

ENROLLMENT PROCEDURES

The College academic advisors shall be responsible for the registration and enrollment of students. Class size limits are set by the College.

Students must have each of the following documents on file with the College Registrar before enrolling for any Stem Early College course:

A <u>completed</u> Chipola College application for admission

A completed Student Performance Contract

An official copy of his/her high school transcript. Students who are attending or have attended any other college must have official college transcripts sent to Chipola College prior to admission or registration

An official entry-level examination score

A <u>completed</u> Stem Early College Eligibility Form. (Provides information regarding the student's examination scores and eligibility as a potential Early College student)

A <u>completed</u> Stem Early College Course Approval Form

A <u>completed</u> Principles of Participation Form. (Informs student and parent of college level course expectations)

Registration policies for Stem Early College students are the same as registration polices for all students. Students register during early registration based on hours completed. Students who have completed the most hours, get to register first for the upcoming semester. Example: Day one of early registration, students who have completed 45 hours or more get to register. On day two of early registration, students who have completed 30 hours or more get to register. On day three of early registration, students who have completed 15 hours or more get to register. On day four of early registration, student who have completed 1 hour or more get to register. On day five and thereafter all currently enrolled students can register for classes. This process is posted on the Chipola College Academic Calendar. On-line registration is not open to students participating in The Stem Early College Program.

HIGH SCHOOL CREDIT AWARDED AND COURSE RESTRICTIONS

The Stem Early College students may enroll in all courses including on-line, for applicable major degree programs. Collegiate courses shall be those courses that are recommended to the State Board of Education by the State Articulation Coordinating Committee as meeting

high school graduation requirements as specified in the *Dual Enrollment Course Equivalency List*. All high schools shall accept these postsecondary courses toward meeting the requirements of s. 1003.436, F.S. Physical education/recreation courses and courses that carry less than three (3) semester hours of college credit are excluded from this Agreement unless the class is a co-requisite lab required for the academic class. The courses offered each academic year shall be contained within the common course designation and numbering system approved by the College and the State Course Numbering System (SCNS).

DESCRIPTION OF THE STEM EARLY COLLEGE PROGRAM

The Chipola College Stem Early College Program will allow eligible students to complete 30 or more credit hours from one of three academies within the Stem Early College Program. Those academies are: Technology, Engineering and Science & Math. For those academies which offer CAPE industry certifications, courses within the curriculum will provide the necessary preparation. The attached Appendix A includes detailed descriptions for the three academy tracks to include: academy curriculum, high school equivalency for courses, CAPE industry certifications available with listing of preparation courses, course instructor(s), and method(s) of delivery. The eligible courses included in this agreement are designated by common course prefixes, numbers and course titles. Students must declare a major upon applying to The Stem Early College Program; academic advising will be based upon the student's declared major.

The Stem Early College Curriculum for the Computer Information Technology, Networking Systems, and Engineering Technology Degrees also afford students the ability to earn one or more Technical Certificates. A Technical Certificate (College Credit Certificate) consists of less than sixty college credits, as defined in F.A.C. 6A-10.033(1)(a), which are part of an Associate of Science Degree program and prepare students for entry into employment.

INDUSTRY CERTIFICATION

Cape Industry Certifications in CompTIA A+ and Network Plus are available in most of the A.S. programs within The Stem Early College Program. A.A. degree seeking students may also enroll in elective courses that lead to certification.

PROCESS BY WHICH STUDENTS AND PARENTS ARE INFORMED

Jackson County School Board and Chipola College will provide a mechanism for communicating the educational and economic benefits, as well as the requirements for participation and enrollment procedures to parents and students (handbooks, classroom visits, newsletters, school based activities and college mailings, brochures).

Students and parents will be informed of The Stem Early College Program during high

school parent nights and registration meetings. The district will also post the The Stem Early College Guide on the school district website.

Chipola College will mail informational letters to parents and will conduct workshops during Open House events which will include the Stem Early College information. Jackson County School Board will also maintain a web-site that will contain Stem Early College information along with a sample copy of the contract for The Stem Early College Program, the application for the Program, and an information guide about the Program.

INSTRUCTIONAL METHODS AND COURSE INSTRUCTORS

The instructional delivery methods and course instructors for the Stem Early College curriculum are outlined in Appendix A for the three academy tracks. All courses which comprise the Stem Early College curriculum will be taught by paid contracted Chipola College instructors regardless of delivery method. All instructors will meet the requirements of SACSCOC criteria for academic and professional preparation. The credentials for all full-time and adjunct instructors in all programs will be maintained in Office of Human Resources.

Course delivery methods may be college classroom, laboratory or online. The Stem Early College courses of study outlined in Appendix A are for an academic year. Specific instructors, methods of delivery, and semester in which a specific course is offered are established and if changes are required, an addendum to this contract will be added for each semester to specify changes.

GUIDANCE SERVICES

Guidance Services will be provided by academic advisors at Chipola College. Students are required to enroll in 15-16 credit hours per semester at the college and will work closely with Chipola College academic advisors to follow the educational plan. The College will assist students, parents, and high school counselors in Jackson County by providing up-to-date information about appropriate courses which should satisfy requirements for the student's major at Chipola and at the chosen transfer institution, if that institution is a public university in Florida or a participating member of the association of Independent Colleges and Universities in Florida (ICUF). Academic advising plans that list all required courses for students participating in The Stem Early College Program are available on campus and online. Students are required to meet with a college academic advisor prior to each term. Registration dates and times are listed in the College Catalog, Student Handbook/Planner and on the College web-site. Students who have disabilities are requested to contact the College Office of Students with Disabilities. Students must identify themselves and provide appropriate documentation which will be used to determine eligibility for reasonable accommodations. Chipola College will

provide a dedicated academic advisor for students with disabilities to assist with related accommodations. The College will cover all costs associated with reasonable accommodations for Early College students. Students should contact the College Office of Students with Disabilities to request accommodations and provide appropriate documentation which will be used to determine eligibility for reasonable accommodations.

All Stem Early College students must sign a contract that will include a list of all courses that they are required to complete each semester. The requirements to continue in The Stem Early College Program will also be included. Students will be required to meet with an academic advisor at the college each semester to discuss his/her progress and to prepare for registration for the following semester. This information will be shared with the high school counselors and with the school district Early College administrator.

Any letter grade below a "C" will not count as credit toward satisfaction of the General Education requirement for the Gordon Rule requirement; however, all grades are calculated in a student's GPA and will appear on their college transcript.

The Stem Early College students may not repeat college credit or work force development courses in which they have earned grades of W, D, or F until after high school graduation. All grades including "W" for withdrawal, become part of the student's permanent college transcript and may affect subsequent post-secondary admission. The Stem Early College students are not allowed to audit classes. In addition, students must maintain a 2.0 or higher cumulative, un-weighted high school GPA and a 2.0 or higher cumulative college GPA in order to continue participating in the program.

While appropriate for college-level study, course materials/class discussions may reflect topics not typically included in secondary courses which some parents may object to for "minors". Courses are not "brought down" to high school level to accommodate variations in student age and/or maturity.

Stem Early College students are Chipola College students and have the same library services and privileges as all on-campus students. Computer access to LINCC (Library Information Network for Community Colleges) is available from home computers; courier services are provided as available.

Students admitted to Chipola College through The Stem Early College Program are subject to the jurisdiction of the college. As members of the college community, students are expected to act responsibly in all areas of personal and social conduct. Each student, by registering, pledges to accept and obey the rules and regulations of the college including the Academic Honor Code. Students are responsible for the observance of all board polices and procedures published in the College Catalog, Student Handbook, and other college information bulletins.

The Associate Vice President of Student Affairs shall represent Chipola College in all matters pertaining to the operation of The Stem Early College Program and shall serve as a liaison between Jackson County School Board and Chipola College.

STUDENT PROGRESS MONITORING MECHANISM

The college granting postsecondary credit for The Stem Early College course is responsible for assigning grades for those courses. School districts are prohibited from changing any grade (once assigned by the college) when posting grades to the high school transcript. At the end of each semester, Chipola College will provide a report to each high school that lists student names and the grade earned for on-line courses and the grade earned on the Chipola College campus. The list of student names and grades earned is separated by schools and sent to the appropriate high school principal and guidance counselor so the grade can be entered on the high school transcript. The college departmental grading policy shall be utilized for The Stem Early College courses. The grading policy is outlined in the course syllabus. The letter grade earned by a student enrolled in the Stem Early College Program must be the same letter grade earned in the high school course.

The Stem Collegiate Academic Advisor will send the high school guidance office a copy of the unsatisfactory performance notice when indicated. Information regarding Chipola College academic support services available to the student will be provided to the student. An instructor may refer a student to the Academic Center of Excellence based on academic performance or when needed for supplemental academic support or tutoring is indicated.

PROGRAM REVIEW PROTOCOLS AND STUDENT PERFORMANCE MECHANISM

Chipola College has a professional and active program of institutional effectiveness through which relevant data regarding student and instructor performance is collected and analyzed on a regular basis. All programs are monitored to ensure quality and consistency. Effectiveness initiatives are led by the Office of Assessment, Compliance and Grants in accordance with the assessment plan designed to include all college credit course offerings. The Vice President of Instruction will be responsible for ensuring that the level of instruction and programs demonstrate the level of academic rigor expected of all college courses.

Educational programs and relevant data are reported annually by the Office of Assessment, Compliance and Grants, which provides feedback that includes goals, objectives, outcome description, assessment process and actual outcomes. Additionally, all courses and instructors are evaluated through observation and student surveys on a regular basis.

FUNDING ARRANGEMENTS

Public school students participating in The Stem Early College Program will not be assessed matriculation fees, laboratory fees, or textbook costs. Students who apply late are responsible for any late registration fees.

The College and the Board will claim FTE earned by enrolled students through the appropriate state procedures.

The Board will provide appropriate instructional materials. These materials will be considered as Board property from the date of issuance. The Board or its designee will be responsible for the monitoring, reissuing/reusing, and accounting of instructional materials used by public school students pursuant to Sections 1006.29 and 1007.271, F.S.

The College will select textbooks for The Stem Early College Program. Instructional materials used in program classes must be the same as those used with other postsecondary courses at the college with the same course prefix and number. The College will advise the school district of instructional material requirements as soon as that information becomes available, but no later than one term prior to a course being offered.

Any student who withdraws from a public high school or receives a GED during the time he/she is enrolled in this program will be liable for all fees for the term in which GED was earned.

For Stem Early College academic courses offered on-line and on the Chipola College Campus, the Board will pay the standard tuition rate per credit hour from the Florida Education Finance Program (FEFP). For 2025-2026, the standard tuition rate per credit hour is $71.98 per credit hour. For clock hour programs the Board will pay the standard tuition rate of $2.33 per clock-hour. The College will provide the Board with an invoice on or before November 1, for fall semester and on or before April 1, for spring semester. Payment of the invoice received in November is due by December 10th and payment of the invoice received in April is due by May 1.

Appendix A

CHIPOLA COLLEGE

STEM Early College Program

(Computer) Technology Academy
Computer Information Technology AS Degree
Networking Systems Technology AS Degree

Engineering Academy
Engineering Technology AS Degree
Civil Engineering Technology AS Degree

Science and Math Academy
Medical Careers AA Degree
Teacher Education Careers AA Degree

Computer Technology Academy
Computer Information Technology AS Degree

College Credit Certificates
IT Support Specialist Certificate (27 credit hours)

Courses for **IT Support Specialist Certificate**

Offered/ Acad Plan	College Course #/Title/Credit Hours	Industry Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall Yr 1	CGS 1100, *Microcomputer Applications for Business/Economics* (3)			0.5P	Classroom/lab or Online
Fall Yr 1	CTS 1110, *Microcomputer Operating Systems* (3)	A+ Software (Test 802)	CompTIA A+	2.0V	Classroom/lab
Spr Yr 1	CTS 1120, *Introduction to Network Security* (3)	Security+ (SY0-301)	CompTIA Security+	1.0V	Classroom/lab
Fall Yr 1	CTS 1131, *Introduction to Microcomputer Maintenance/Repair* (3)	A+ Hardware (Test 801)	CompTIA A+	1.0V	Classroom/lab
Spr Yr 1	CTS 1155, *IT User Support*, 3 hrs	Help Desk		1.0V	Classroom/lab
Fall Yr 2	CTS 1163, *Microsoft Desktop System Configuration* (3)	MCSA (Tests 687 and 688)	Microsoft Certified Solutions Associate (MCSA) – Windows 8	2.0V	Classroom/lab
Spr Yr 1	CTS 1390, *Introduction to LAN & Server Management* (3)	MCSA (Test 410)	Microsoft Certified Solutions Associate (MCSA) - Windows Server 2012	2.0V	Classroom/lab
Spr Yr 1	CTS 1650, *Introduction to Networking/Communication* (3)	Network+ (N10-005)	CompTIA Network+	2.0V	Classroom/lab
Fall Yr 2	CTS 2156, *Desktop Support* (3)			1.0V	Classroom/lab

NOTES:	HS Credit
*Shaded: Course duplicated for 2 of 3 certificates.	P = Practical Arts
**General Education courses required for degree	V = Vocational
***Courses may have prerequisites or co-requisites	

(Computer) Technology Academy
Networking Systems Technology AS Degree

College Credit Certificates
Digital Forensics Certificate (32 credit hours)   Network/Cyber Security Certificate (30 credit hours) Network Server Administration Certificate (24 credit hours)Network Support Technician Certificate (21 credit hours)

Common Courses for **Certificates**

Offered/ Acad Plan	College Course #/Title/Credit Hours	Industry Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall Yr 1	CTS 1110, *Microcomputer Operating Systems* (3)	A+ Software (Test 802)	CompTIA A+	2.0V	Classroom
Spr Yr 1	CTS 1120, *Introduction to Network Security* (3)	Security+ (SY0-301)	CompTIA Security+	1.0V	Classroom
Fall Yr 1	CTS 1131, *Intro to Microcomputer Maintenance/Repair* (3)	A+ Hardware (Test 801)	CompTIA A+	1.0V	Classroom
Spr Yr 1, 2	CTS 1111, *Intro to Linux* (2)	Linux+ (LX0-101 and LX0-102)	CompTIA Linux+	1.0V	Classroom
Spr Yr 1	CTS 1390, *Introduction to LAN/Server Management* (3)	MCSA (Test 410)	Microsoft Certified Solutions Associate (MCSA) - Windows Server 2012	1.0V	Classroom
Spr Yr 1	CTS 1650, *Introduction to Networking/Communication* (3)	Network+ (N10-005)	CompTIA Network+	2.0V	Classroom
Fall Yr 1	SLS 1101, *Orientation* (1)				Classroom & Online

Additional courses for the Digital Forensics Certificate

Offered/ Acad Plan	College Course #/Title/Credit Hours	Industry Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall Yr 2	CGS 1100, Microcomputer Applications (3)			1.0V	Classroom
Spr Yr 2	CIS 2381, Introduction to Digital Forensics (3)			3.0V	Classroom
Fall Yr 2	CJL 2130, Criminal Evidence (3)			0V	Classroom
Spr Yr 2	CTS 2127, Advanced Network Security (3)			1.0V	Classroom
Fall/Spr	Approved Elective (1)				Classroom/lab

Additional courses for the Network/Cyber Security Certificate

Offered/ Acad Plan	College Course #/Title/Credit Hours	Industry Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall Yr 2	CIS 1352, Introduction to Server/Network Security (3)	Cert Ethical Hacker (CEH 312-50)	Certified Ethical Hacker (CEH)	1.0V	Classroom
Spr Yr 2	CTS 2127, Advanced Network Security (3)			1.0V	Classroom
Fall Yr 2	CTS 2391, Windows Server Administration (3)	MCSA (Test 411)	Microsoft Certified Solutions Associate (MCSA) - Windows Server 2012	1.0V	Classroom
Fall Yr 2	CTS 1163, Microsoft Desktop Systems Configuration (3)	MCSA (Tests 687 & 688)	Microsoft Certified Solutions Associate (MCSA)-Windows 8	2.0V	Classroom

Additional courses for the Network Server Administration Certificate

Offered/ Acad Plan	College Course #/Title/Credit Hours	Industry Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall Yr 2	CIS 1352, Introduction to Server/Network Security (3) OR CTS 1163, Microsoft Desktop Systems Configuration (3) OR CTS 1111, Intro to Linux (2)	Certified Ethical Hacker (CEH 312-50) Linux+ (LX0-101 and LX0-102)	Certified Ethical Hacker (CEH)	1.0V	Classroom
Fall Yr 2	CTS 2391, Windows Server Administration (3)	MCSA (Test 411)	Microsoft Certified Solutions Associate (MCSA) - Windows Server 2012	1.0V	Classroom
Fall Yr 2	CTS 2392, Advanced Window Server Administration (3)	MCSA (Test 412)	Microsoft Certified Solutions Associate (MCSA) - Windows Server 2012	1.0V	Classroom
Fall Yr 2	CTS 1163, Microsoft Desktop Systems Configuration (3)	MCSA (Tests 687 & 688)	Microsoft Certified Solutions Associate (MCSA)-Windows 8	2.0V	Classroom

Additional courses for the Network Support Technician Certificate

Offered/ Acad Plan	College Course #/Title/Credit Hours	Industry Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall Yr 2	CTS 1163, Microsoft Desktop Systems Configuration (3)	MCSA (Tests 687 & 688)	Microsoft Certified Solutions Associate (MCSA)-Windows 8	2.0V	Classroom

NOTES:	HS Credit
Approved Elective (Fall/Spring)	P = Practical Arts
General Education courses required for degree	V = Vocational
Courses may have prerequisites or co-requisites	

Engineering Academy
Civil Engineering Technology *AS Degree*

Summary of **Core Courses**

Offered/ Acad Plan	College Course #/Title/Credit Hours	Industry Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall Yr 1	EGN 1108, *Engineering Graphics* (3)				Classroom
Spr Yr 1	BCN 1214C, *Materials & Methods of Construction* (3)				Classroom/lab
Spr Yr 1	GIS 1060, *Introduction to GIS w/ArcGIS* (3)				Classroom
Fall Yr 2	BCN 2598C, *Sustainable Building Systems* (3)				Classroom/lab
Fall Yr 2	EGN 1002, *Introduction to Engineering* (3)				Classroom
Fall Yr 2	GIS 2041, *Introduction to GIS and GPS Applications* (3)				Classroom
Fall Yr 2	SUR 1101, *Introduction to Surveying* (3)				Classroom
Spr Yr 2	ETC 2521, *Hydraulics and Hydrology* (3)				Classroom
Spr Yr 2	SUR 2400, *Legal Aspects of Surveying* (3)				Classroom
Fall Yr 1	ETD 1320, *Introduction to AutoCAD* (3)				Classroom
Spr Yr 1	ETD 1842, *3D Visualization with AutoCAD* (3)				Classroom
Fall Yr 1	ETD 2340, *AutoCAD Level II* (3)				Classroom
Spr Yr 1	ETD 2551, *CAD Civil* (3)				Classroom
Spr Yr 2	ETD 2554, *CAD Surveying* (3)				Classroom
Fall/Spr Yr 1	SLS 1101, *Orientation* (1)				Classroom & Online

NOTES	HS Credit
General Education courses required for degree	
Courses may have prerequisites or co-requisites	

Engineering Academy
Engineering Technology *AS Degree*

Summary of **Core Courses**

Offered/ Acad Plan	College Course #/Title/Credit Hours	Industry Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall Yr 1	EET 1084C, *Introduction to Electronics w/Lab* (3)	National MSSC-CPT Certification			Classroom/lab
Spr Yr 1	ETI 1110, *Introduction to Quality Assurance* (3)	National MSSC-CPT Certification			Classroom
Fall Yr 1	ETI 1420, *Manufacturing Processes & Materials* (3)	National MSSC-CPT Certification			Classroom
Spr Yr 1	ETM 1010C, *Mechanical Measurements & Instru w/Lab,* (3)	National MSSC-CPT Certification			Classroom/lab
Fall Yr 1	ETM 1401C, *Mechanical Drive Systems* (3)				Classroom/lab
Fall Yr 1	ETD 1320, *Introduction to AutoCAD* (3)				Classroom
Spr Yr 2	ETM 2315C, *Hydraulics & Pneumatics w/Lab* (3)				Classroom/lab
Fall Yr 2	ETS 2511C, *Motors & Controls w/Lab* (3)				Classroom/lab

Spr Yr 2	ETS 2535C, *Process Control & Automation w/Lab* (3)				Classroom/lab
Fall Yr 2	ETS 2542C, *Intro to Program Logic Controllers w/Lab* (3)				Classroom/lab
Fall Yr 2	ETI 2622, *Concepts of Lean Manuf. & Six Sigma* (3)				Classroom
Fall Yr 2	ETI 1701, *Industrial Safety* (3)				Classroom
Fall/Spr Yr 1	SLS 1101, *Orientation* (1)				Classroom & Online

NOTES:	HS Credit
General Education courses required for degree	
Courses may have prerequisites or co-requisites	

Engineering Academy
Industrial Management Technology *AS Degree*

Summary of **Core Courses**

Offered/ Acad Plan	College Course #/Title/Credit Hours	Industry Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Spr Yr 2	ACG 2021, *Introduction to Financial Accounting* (3)				Classroom
Spr Yr 1	BUL 2131, *Legal Environment of Business*, (3)				Classroom
Spr Yr 1	ETI 1110, *Introduction to Quality Assurance* (3)	National MSSC-CPT Certification			Classroom
Fall Yr 1	ETI 1420, *Manufacturing Processes & Materials* (3)	National MSSC-CPT Certification			Classroom
Fall Yr 2	ETI 2622, *Concepts of Lean Manuf. & Six Sigma* (3)				Classroom
Fall Yr 2	ETI 1701, *Industrial Safety* (3)	National MSSC-CPT Certification			Classroom
Fall Yr 1	GEB 1011, *Introduction to Business* (3)				Classroom
Spr Yr 1	MAR 2011, *Introduction to Marketing* (3)				Classroom
Fall/Spr Yr 1	SLS 1101, *Orientation* (1)				Classroom & Online

NOTES:	HS Credit
General Education courses required for degree	
Courses may have prerequisites or co-requisites	

College Credit Certificates
Advanced Manufacturing: Pneumatics, Hydraulics, and Motors Certification (12 credit hours)
Engineering Technology Support Specialist Certificate (18 credit hours)

Common Courses for **Certificates**

Offered/ Acad Plan	College Course #/Title/Credit Hours	Industry Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall Yr 1	SLS 1101, *Orientation* (1)				Classroom & Online
Fall Yr 2	ETI 2622, *Concepts of Lean Manufacturing and Six Sigma* (3)				Classroom

Additional Courses for **Engineering Technology Support Specialist Certificate**

Offered/ Acad Plan	College Course #/Title/Credit Hours	Industry Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall Yr 1	EET 1084C, *Introduction to Electronics* (3)	National MSSC-CPT Certification			Classroom/lab
Fall/Spr Yr 1	ETD 1320, *Introduction to AutoCAD* (3)				Classroom
Spr Yr 1	ETM 1010C, *Mechanical Measurements & Instrumentation* (3)	National MSSC-CPT Certification			Classroom/lab
Spr Yr 1	ETI 1110, *Introduction to Quality Assurance* (3)	National MSSC-CPT Certification			Classroom
Fall Yr 1	ETI 1420, *Manufacturing Processes and Materials* (3)	National MSSC-CPT Certification			Classroom
Fall Yr 1	ETI 1701, *Industrial Safety* (3)	National MSSC-CPT Certification			Classroom

Additional courses for **Advanced Manufacturing: Pneumatics, Hydraulics, and Motors Certificate**

Offered/ Acad Plan	College Course #/Title/Credit Hours	Industry Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall Yr 1	EET 1084C, *Introduction to Electronics* (3)	National MSSC-CPT Certification			Classroom/lab
Fall Yr 1	ETM 2315C, *Hydraulics and Pneumatics* (3)				Classroom/lab
Spr Yr 1	ETS 2511C, *Motors and Controls* (3)				Classroom/lab
Spr Yr 1	ETM 1401C, Mechanical Drive Systems (3)				Classroom/lab

NOTES:	HS Credit
General Education courses required for degree	
Courses may have prerequisites or co-requisites	

Science and Math Academy
AA Degree Discipline-Specific Courses
for
Medical and Teacher Education Careers

School of Education Teaching Certificates
Biology (6 – 12)
Middle School Science (5 – 9)
Secondary Mathematics (6 – 12)
Middle Grades Mathematics (5 – 9)

Summary of **Science Courses**

Offered/ Acad Plan	College Course #/Title/Credit Hours	Courses Required in Teacher Education Degrees and Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall Yr 1	BSC 2010 & 2010L, *Integrated Principles of Biology I & Lab* (4)	Middle Grades Science (5-9); Biology (6-12)		1.0 Science	Classroom/lab
Spr Yr 1, 2	BSC 2011 & 2011L *Integrated Principles of Biology II & Lab* (4)	Middle Grades Science (5-9); Biology (6-12)		1.0 Science	Classroom/lab
	or				
Fall Yr 1	CHM 1045 & 1045L, *General Chemistry I & Lab* (4)	Middle Grades Science (5-9)		1.0 Science	Classroom/lab
Spr Yr 2	CHM 1046 & 1046L, *General Chemistry II & Lab* (4)	Middle Grades Science (5-9)		1.0 Science	Classroom/lab
	or				
Fall Yr 1	PHY 1053C, *General Physics I* (4)	Middle Grades Science (5-9)		1.0 Science	Classroom/lab
Spr Yr 2	PHY 1054C, *General Physics II* (4)	Middle Grades Science (5-9)		1.0 Science	Classroom/lab

Summary of **Math Courses**

Offered/ Acad Plan	College Course #/Title/Credit Hours	Courses Required in Teacher Education Degrees and Certification	CAPE Postsecondary Industry Certification	HS Credit (HS determines)	Delivery Method
Fall/Spr Yr 1	MAC 1140, *Precalculus Algebra* (3)	Middle Grades Math. (5 – 9); Secondary Math (6-12)		1.0 Math	Classroom
Spr Yr 1, 2	MAC 1114, *Plan Trigonometry* (3)	Middle Grades Math. (5 – 9); Secondary Math (6-12)		1.0 Math	Classroom
Fall/Spr Yr 1, 2	MAC 1311, *Calculus & Analytic Geometry I* (4)	Middle Grades Math. (5 – 9); Secondary Math (6-12)		1.0 Math	Classroom
Spr Yr 2	MAC 2312, *Calculus and Analytic Geometry II* (4)	Secondary Math (6-12)		1.0 Math	Classroom
Spr Yr 2	MAC 2313, *Calculus with Analytic Geometry III* (4)	Secondary Math (6-12)		1.0 Math	Classroom

NOTES	HS Credit
Student must meet high school credit requirement	
Courses that could be taken for Teacher Certification: EDF 1005 (required prerequisite), EDF 2085 (optional), EME 2040 (optional)	
General Education courses required for degree	
Courses may have prerequisites or co-requisites	

College Credit Certificates

Courses for Help Desk Support Technician Certificate	Dual Enrollment Course	High School Credit Awarded
CGS 1100 Microcomputer Applications for Business/Eco. (3)	CGS 820C Web Development and Design	0.5 Practical Arts
CTS 1110 Microcomputer Operating Systems (3)	CTS 082 Computer Systems Technology	2 Vocational
CTS 1131 Introduction to Micro comp. Maintenance/Rep (Repair (3)	CTS 004 Computer Support Technician	1 Vocational
CTS 1155 It User Support (3)	CTS 099 IT Tech Support/Networking	1 Vocational
CTS 1163 Microsoft Desktop System Configuration (3)	CTS 074 IT & Web Systems	2 Vocational
CTS 2156 Desktop Support (3)	CTS 023 Network Support Administrator	1 Vocational

Courses for IT Support Specialist Certificate	Dual Enrollment Course	High School Credit Awarded
CGS 1100 Microcomputer Applications for Business/Eco. (3)	CGS 820c Web Development and Design	0.5 Practical Arts
CTS 1110 Microcomputer Operating Systems (3)	CTS 082 Computer Systems Technology	2 Vocational
CTS 1120 Introduction to Network Security (3)	CTS 085 Web Security Specialist	1 Vocational
CTS 1131 Introduction to Micro comp. Maintenance/Repair (3)	CTS 004 Computer Support Technician	1 Vocational
CTS 1155 IT User Support (3)	CTS 099 IT Tech Support/Networking	1 Vocational
CTS 1163 Microsoft Desktop System Configuration (3)	CTS 074 IT & Web Systems	2 Vocational
CTS 1390 Introduction to LAN & Server Management (3)	EEV Computer Support Specialist-LLAN Tech	2 Vocational
CTS 1650 Introduction to Networking/Communication (3)	CTS 008 Network Administrator	2 Vocational
CTS 2156 Desktop Support (3)	CTS 023 Network Support Administrator	1 Vocational

Common Courses for Certificates	Dual Enrollment Course	High School Credit Awarded
CTS 1110 Microcomputer Operating Systems (3)	CTS 082 Computer Systems Technology	2 Vocational
CTS 1120 Introduction to Network Security (3)	CTS 085 Web Security Specialist	1 Vocational
CTS 1131 Introduction to Micro comp. Maintenance/Repair (3)	CTS 004 Computer Support Technician	1 Vocational
CTS 1163 Microsoft Desktop System Configuration (3)	CTS 074 IT & Web Systems	2 Vocational
CTS 1390 Introduction to LAN & Server Management (3)	CTS 025 Computer Networking	1 Vocational
CTS 1650 Introduction to Networking/Communication (3)	CTS 008 Network Administrator	2 Vocational
SLS 1101 Orientation		

Additional Courses for the Network/Cyber Security Certificate	Dual Enrollment Course	High School Credit Awarded
CIS 1352 Introduction to Server/Network Security (3)	CTS 023 Network Support Administrator	1 Vocational
CTS 2127 Advanced Network Security (3)	CTS 024 Senior Network Administrator	1 Vocational
CTS 2392 Advanced Window Server Administration (3)	CTS 027 Systems Administrator	1 Vocational
GEB 2214 Business Communications (3)	SPC 060 Business & Professional Comm.	0.5 Practical Arts
CIS 1352 Introduction to Server/Network Security (3)	CTS 023 Network Support Administrator	1 Vocational
CTS 1111 Introduction to UNIX/Linux System Administration (3)	CTS 027 Systems Administrator	1 Vocational
CTS 2391 Windows Server Administration (3)	CTS 024 Senior Network Administrator	1 Vocational
CTS 2392 Advanced Window Administration (3)	CTS 027 Systems Administrator	1 Vocational

JACKSON COUNTY STEM EARLY COLLEGE
COORDINATING COMMITTEE

Membership Roster

CHIEF INSTITUTIONAL OFFICERS

Mr. Steve Benton, Superintendent, Jackson County Public Schools
Dr. Sarah Clemmons, President, Chipola College

CHIEF ACADEMIC AFFAIRS OFFICERS

Ms. Jennifer D. See, Director of Middle School Education, Secondary Education,
   and MIS, Jackson County Public Schools
Dr. Pam Rentz, Vice-President of Instruction Chipola College

CHIEF STUDENT AFFAIRS OFFICERS

Ms. Laura P. Kent, Director of Student Affairs, Jackson County Public Schools
Ms. Bonnie Smith, Associate Vice President of Student Affairs, Chipola College

CHIEF STUDENT RECORDS OFFICERS

Ms. Laura P. Kent, Director of Student Affairs, Jackson County Public Schools
Ms. Ashley Harvey, Director of Enrollment Services and Registrar, Chipola College

The undersigned agree to support The STEM Early College Program and to continually seek ways to improve articulation and better serve the residents of Jackson County.

_____   _____
Superintendent   Date
Jackson County School Board

_____   _____
Chairman   Date
Jackson County School Board

_____   _____
Sarah Clemmons, Ph.D., President   Date
Chipola College

_____   _____
Chairman   Date
District Board of Trustees
Chipola College