Course Descriptions

Please review the Course description and Credits

Course Name	Credit Earned	Course Description
Math 8	**1**	Instruction will focus on 3 critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; and (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.
Algebra	**1**	In Algebra I, a one-credit math course, the fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. Because it is built on the middle grades' standards, this is a more ambitious version of Algebra I than has generally been offered. Instruction should focus on five critical areas: (1) analyze and explain the process of solving equations and inequalities: (2) learn function notation and develop the concepts of domain and range; (3) use regression techniques; (4) create quadratic and exponential expressions; and (5) select from among these functions to model phenomena.
English 8	**No Credit**	English Grade 8 offers students continued opportunities to analyze, define, compare, and evaluate ideas with increasing precision when reading, writing, speaking, and listening. They apply skills they learned in earlier grades to make sense of a range of more challenging books and articles as they address various topics. In particular, students' ability to cite specific evidence and make use of the academic language and knowledge they've encountered in their own reading when writing in response to texts matures.

Science 8	**No Credit**	This course covers core ideas in life science, physical science, and earth and space science. Science Grade 8 should be taken after Science Grade 7 or an equivalent course. Science Grade 8 provides an opportunity to engage science practices, engineering practices and processes, and crosscutting concepts to build natural curiosity, encourage scientific and engineering investigation and promote sense-making of phenomena.
MS Studies	**.5**	Mississippi Studies examines the history, politics, economics, society, and cultures of our state. With a focus on history, this course allows students to understand how the land and its resources have shaped life for Mississippians from the pre-Columbian era to modern day.
Introduction to World Geography	**.5**	Introduction to World Geography provides students with an overview of world geography. Topics include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.
Art I	**1**	Students will demonstrate and refine skills by applying the elements and principles of design in both 2-dimensional and 3-dimensional media. Drawing, painting, collage, and mixed medial will be explored.
Band 8	**No Credit**	Students will expand their musical knowledge and technique on their instrument. Students will perform in a parade, school concerts, and band festival.
Choir 8	**No Credit**	Singers will begin to learn the concept of choral tone, sight-reading, and performance. Non-auditioned and auditioned groups are available to 7th and 8th grade singers.

Physical Education 8 (PE)	**No Credit**	Students will participate in non-contact activities including pin pong, pool, and foosball. Students will also participate in gym activities such as whiffle ball, indoor soccer, volleyball, and basketball. Students will also participate in health discussions, and outdoor fitness activities.
Creative Projects 8	**No Credit**	Students will investigate topics and complete research projects based on their interests. Students will also learn about leadership and team building.
Spanish I	**1**	An A in English grade 7 will be required for enrollment. *Successful completion o f this course meets the foreign language requirement for graduation purposes and will be awarded a Carnegie unit. Grades earned in this course will be included in the high school grade point average.
STEM Applications Grade 8	**1**	This course will prepare students with advanced technology literacy. Students will complete a study of various computer applications including design and business software. "Successful complete of this course meets the requirement for computer proficiency for graduation purposes and will be awarded a Carnegie unit. Grades earned in this course will be included in the high school grade point average.
Computer Science and Engineering	**1**	CSE is a project-based course designed to instruct students through activities that require modeling, physical design, and coding, leading them to discover how computing and engineering work together to solve problems. This course offers students exposure to the engineering design process which introduces them to problem solving and critical thinking as well as the basics of project management and teamwork. This knowledge will assist them in making informed and meaningful decisions about high school coursework and broaden their horizons for career opportunities

Theater I	**1**	Theatre I, designed as a survey course, provides the students with an intense sampling of all facets of theatre. The subject matter will range from stage terminology, other forms of theatre, structure of plays and early theatrical history to vocal and movement training for the actor. Also included will be acting (improvisation, character analysis) as well as stage design and construction, lighting, costuming and makeup. Students will also expand their appreciation of theatre through attendance at and involvement in theatrical events. This proficient level course examines the correlation and development of theatre history, structure, literature, acting, production & criticism. Theatre I and II are often taught back-to-back as one complete introductory high school course.
Dance Middle	**No Credit**	Dance course provides students with continued exposure to and expanded application of the MS CCR Arts Learning standards in dance (Creating, Performing, Responding, Connecting). Students will specifically learn: how the elements of dance and dance structures in performance and choreography begin to establish dynamic dance expression, movement invention, and functional alignment; how movement characteristics, history, and purposes of various cultural and technical dance forms inform connections between dance and production vocabularies and artistic expression and intent; the relationship between performer and audience and audience etiquette; how to view and critique peer and personal dance works in order to define and disseminate an aesthetic point of view; and the ability to articulate this view in context with others and the larger world, through the lens of dance.

Exploring Careers	**1**	This introductory course includes content in self-development, career clusters, pathways, and choices, as well as financial planning.
Visual Arts I	**.5**	Students will continue to develop prior knowledge and skills in the creation and study of works of art and design, building on concepts and skills acquired in the elementary and middle level courses. Work will encompass both two and three-dimensional art forms. Students are introduced to historical study and basis for many forms of art. Students form an aesthetic and empathetic framework for comprehending relationships among society, culture, and history through their interactions with, and analysis of art.
Visual Arts II	**.5**	Visual Arts II (Grades 9-12) course enables students to create and present visual art, experience a broad range of media, techniques, and processes. Students will continue to develop prior knowledge and skills in the creation and study of works of art and design, building on concepts and skills acquired in the elementary and middle level courses. Work will encompass both two and three-dimensional art forms.
Robotics	**No Credit**	

Foundations of Journalism	**1**	It is intended as a general course to enhance students' communication and media literacy skills. It is a prerequisite for subsequent journalism courses. This course is designed to help students produce a factual, journalistically-sound piece of writing from interviews they conducted. By the end of this course, students should be able to produce a factual, journalistically sound piece of writing from interviews they conducted. Students should also be able to create at least one accompanying visual element (photo/video) and publish their work (story + visual) to the web.
Broadcast and Journalism	**1**	The Broadcast Journalism course provides students with quality academic instruction in television, radio, and video production by providing training in operating equipment, reporting and scriptwriting, as well as planning, directing, and producing video projects. This course is designed to help students produce a broadcast news show that includes anchor segments, field reports and feature segments.
Creative Writing	**1**	The Creative Writing course will provide the student practices in the processes of composing poems, personal descriptive and narrative essays, and short fiction. The course affords an opportunity for self-expression, promotes critical thinking, expands the imagination, and develops the use of figurative and literal language.
Office Worker	**No Credit**	Office workers assist with errand runs and deliveries. Sorting and organizing papers, office supplies and equipment. Students will help make supplements for special events. They will ensure that everyone will sign in on the sign in sheet. Students are responsible for giving school tours to new students and are expected to maintain professionalism at all times. There may be some lifting required.