



Course Descriptions 2022-2023

Title: Introduction to STEM Pathways LSU (1 high school credit) (061139)

Grade Level: 7, 8

Fee: None

This course is designed to expand awareness of various careers and occupational pathways related to STEM; to stimulate the understanding of higher order thinking processes such as the engineering design process, the scientific method, and computational thinking; to develop foundational knowledge and skills in the JumpStart pathways and careers as related to STEM; to utilize the knowledge and skills in the current educational setting; and to increase interest in the four core areas of STEM related to this class through project-based activities that are also standards based.

Title: Survey of Computer Science: LSU Partnership (1 high school credit) (061179)

Grade Level: 8

Fee: None

This course introduces the basics of computing using fun and engaging activities instead of formally describing the concepts. It follows the framework of Seven Big Ideas adopted in the AP Computer Science Principles course, but it has more emphasis on exploration and experimentation, and less emphasis on problem-solving and formal analysis than a regular CSP course. To prepare students for the rigors of other courses in the Pathway, this course models ways to adopt a productive disposition that fosters creativity and perseverance. In addition, career exploration lessons are threaded throughout the course, with a focus on developing students' interest in computing and identification with the computing professions.

Title: Keyboarding (0.5 high school credit)/ Keyboard Applications (0.5 high school credit)

Grade Level: 6, 7, 8

Fee: \$10

Keyboarding: this course teaches students basic keyboarding skills. Students will be able to type the entire keyboard using basic typewriting techniques and apply proper keyboarding techniques to input data and produce personal and business documents.

Keyboard Applications: Emphasis is placed on basic computer concepts of both hardware and software, word processing, and spreadsheet applications. Computer skills will be taught that could lead to the student's ability to obtain certification in basic information technology.

Title: Quest for Success (1 high school credit) (080411)

Grade Level: 8

Fee: \$10

This career exploration course will prepare students for career and life success. Beginning with self-awareness, leadership, and obtaining skills in communication, collaboration, and technology, students will then identify personal and career goals. The curriculum contains project-based learning activities, industry-aligned performance tasks, and information regarding new and exciting high-growth career pathways.

Title: Exploring Family and Consumer Sciences (070010)

Grade Level: 6

Fee: \$20

Students will learn to lead better lives, be career-ready, build strong families, and make meaningful contributions to their communities and learn the fundamentals of clothing management and the development of good personal grooming habits. Units designed to develop skills in family living, food and nutrition, and childcare are integral parts of this course. Students will use the kitchens and sewing equipment.

Title: Family and Consumer Science I (1 high school credit) (100402)

Grade Level: 7, 8

Fee: \$20

This course examines multiple life roles and responsibilities of individuals and family members. The focus is on the areas of personal and family living, wellness, nutrition and foods, financial management, living environments, appropriate child development practices, and transferring school skills to life and work. Skills in mathematics, communication, science, technology, and personal and interpersonal relationships are reinforced in this course. Laboratory experiences are included.

Title: Intro to Art (030598)

Grade Level: 6, 7, 8

Fee: \$10

This course is designed to teach students to become critical thinkers and visual problem solvers. Students will explore the creative process, which includes brainstorming, problem solving, analyzing, and evaluating art. Design problems are solved through studio project-based learning in a variety of media and techniques, emphasizing the student's own personal ideas and artistic style.

Title: Art Animation (030598)

Grade Level: 6, 7, 8

Fee: \$20

Prerequisite: 2.0 GPA or higher for the 2021-2022 school year

Students learn sculpting and filmmaking in this challenging course concentrating on stop motion clay animation. Students will write stories, illustrate storyboards, build sets, sculpt characters, and film one large project each semester. Students will study techniques used in claymation films.

Title: Choir (Beginning/Advanced) (030309/030398)

Grade Level: 6, 7, 8

Fee: \$20 + uniform

Beginning Choir: This course is for all students who wish to initially study choir including proper body posture and oral placement for quality sound production, the reading of music, and proper breath control. Some practice and/or performance may be required beyond the traditional school day.

Advanced Choir: This course is for all 7th and 8th grade students who wish to continue to study choir, including proper body posture and oral placement for quality sound production, the reading of more advanced music, proper breath control, and diction. Some practice and/or performance may be required beyond the traditional school day.

Title: Band (Beginning/Advanced) (030299/030398)

Grade Level: 6, 7, 8

Fee: \$30; student must also rent or own an instrument. Rental fee from the district is \$25 per semester.

Beginning Band: This course is for all students who wish to initially study band from the traditional instrument families of brass, woodwind, and percussion, including proper body posture and oral placement for quality sound production, the reading of music, and proper breath control. Some practice and/or performance time may be required beyond the traditional school day.

Advanced Band: This course is for all 7th and 8th grade students who wish to continue to study band from the traditional instrument families of brass, woodwind, and percussion, including proper body posture and oral placement for quality sound production, the reading of more advanced music, and proper breath control and tonguing/sticking technique. Some practice and/or performance time may be required beyond the traditional school day.

Title: Orchestra (Beginning/Advanced) (030328/030398)

Grade Level: 6, 7, 8

Fee: Students must rent or own an instrument

Beginning Orchestra: This course is for all students who wish to initially study string orchestra instruments from the traditional string instrument family of instruments, including proper body posture and hand placement for quality sound production, the reading of music, and proper bowing techniques. Some practice and/or performance may be required beyond the traditional school day.

Advanced Orchestra: This course is for all 7th and 8th grade students who wish to continue to study string orchestra instruments from the traditional string instrument family of instruments, including proper body posture and hand placement for quality sound production, the reading of more advanced music, and proper bowing techniques, including stop bowing. Some practice and/or performance may be required beyond the traditional school day.

Title: Music Appreciation (030398)

Grade Level: 6, 7, 8

Fee: None

The Music Appreciation middle school course is designed for the student who wishes to study music not by playing/performing with an instrument or voice, nor the writing of music, but rather through the understanding of the use of music throughout time, throughout various cultures and societies of the world, and its various genres. The student wishes to study instruments but not necessarily how they are played, musical compositions and composers/artists but not necessarily how they are written, and the usage of styles in the context of the human condition throughout time.

Title: Beginning Piano (00398)

Grade Level: 6, 7, 8

Fee: \$20

This course is for all students who wish to initially study piano, including proper body posture and hand placement for quality sound production, the reading of basic music, and proper pedal techniques.

Title: Musical Composition

Grade Level: 7, 8

Fee: None

In this course, students will learn to read, write, and understand music. Students will also compose music of different genres through various music writing apps.

Title: Speech and Drama (051168)

Grade Level: Although this course is open to all grade levels, it is most appropriate for 6th grade students

Fee: for field trips as announced

This course focuses on communication skills in the first semester where students will learn how to write, organize, prepare, and deliver quality public speeches. Students will study how to actively persuade, inspire, inform, and engage an audience through the art of public speaking. In the second semester, students learn communication skills through pantomime, dialogue writing, creating a character, role playing, script reading, memorization of written material, speech making, and oral reading. Improvisation and role-playing emphasize concentration and other skills that help students gain self-confidence. Students will be involved in stage production and various public speaking activities.

Title: Drama I (030798)

Grade Level: 7, 8

Fee: for field trips as announced

This course offers a thorough introduction to acting in a fun and supportive atmosphere. Ideal for those with little or no acting experience, providing the chance to explore acting techniques.

Title: Ancient Roman Technology**Grade Level: 6, 7, 8****Fee: \$10**

This course, a classics and STEM integration class, will explore the methods, materials, and products of ancient Roman daily life. The Romans created one of the most advanced civilizations in history – come learn about how they achieved this. How did the Romans make concrete that worked underwater? How did they build aqueducts to move water from mountains to cities? How did they use needles and yarn to create elaborate hairstyles which stayed in place for days? How did they craft musical instruments out of wood? How did they tell time using the sun? This course will explore these questions and many more through hands-on project-based learning - you'll be building and flexing your STEM muscles every day.

Title: World Geography (1 high school credit) (220300)**Grade Level: 7, 8****Fee: None****Prerequisite:** No grade lower than a B in previous year's Social Studies class

This course will examine the geographic makeup of our planet, the Earth's active processes, and how the Earth's physical features influence human behavior. Students will study how different societies gain and use resources and how access to valuable resources can lead to conflict and tension. This course will include an introduction to geography, physical geography, human geography, and explore how these topics play out in specific regions in our world. Students will examine the impact geography has on history, culture, economics, and politics with the goal of improving student geographic literacy, critical thinking, and problem-solving skills. In alignment with the 3 Core Actions for Literacy, students will engage with primary and secondary sources (high quality texts), tasks that require inquiry-based activities, and academic discourse (talk).

Title: Anatomy and Physiology**Grade Level: 7, 8****Fee: \$10**

This course aims to provide students an opportunity to explore and learn about the parts and functions of the human body. Students will be introduced to the organization of the human body from the simplest structures to more complex structures, as well as how the structures function to regulate body processes. The parts and functions of the different body systems will be discussed as well as what affects them and how to care for them. Students will also create models of the different human body systems and perform basic dissection.

Title: Physical Science (1 high school credit)**Grade Level: 7, 8****Fee: \$10****Prerequisite:** Enrollment in a high school credit math course

This course focuses on the study of matter and its interactions; motion, stability, and forces; and energy, waves, and their applications. Students will participate in exciting problem-based/project-based labs in order to facilitate meaningful learning.