

Manor Independent School District
Board of Trustee Meeting Agenda Item
March 25, 2024

CONSENT ITEM SHEET

RE: 2024-2025 New Innovative Courses

Supporting Documents: N/A

District Goals*:

Goal 1: ACADEMIC ACHIEVEMENT GAPS- By 2026, 100% of Manor ISD scholars will graduate prepared for college, career, trade, and/or military services based upon their individual goals.

Goal 2: COMMUNICATION- By 2026, 100% of Manor ISD communication to all scholars, family, staff, & community members will be interactive, accurate, timely, & accessible to ensure the Manor ISD community is routinely informed.

Goal 4: EQUITY & INNOVATION- By 2026, 100% of Manor ISD scholars, staff, campuses, and school communities will have equitable access to innovative academic, human, financial, capital, technological, and all other necessary resources and supports.

Goal 6: STAFF DEVELOPMENT- By 2026, Manor ISD will attract, develop, and retain highly-effective staff through an environment of equitable opportunity, growth, & innovation.

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Background Information:

For the 2024-2025 school year, the following new and innovative courses will be offered to high school scholars. The courses are:

1. Barbering 1

PEIMS Code: N1302534

Abbreviation: BARBER1

The Barbering program of study introduces students to knowledge and skills related to providing skincare and haircare services. CTE concentrators may learn about or practice managing personal care facilities, providing barbering or skincare services, or other ways to change or enhance a client's personal appearance.

2. Barbering 2

PEIMS Code: N1302535

Abbreviation: BARBER2

Barbering is an extended course of study that enables students to become licensed barbers through Texas Department of Licensing and Regulation (TDLR). Barbering is one program of study that allows students to earn an industry certificate that launches them into a professional career immediately, yet also specifies rigorous core curricula that prepares the student to be successful in a post-secondary learning environment.

3. Electrical Technology I

PEIMS Code: 13005600

Abbreviation: ELECTECH

In Electrical Technology I, students will gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.

4. Electrical Technology II

PEIMS Code: 13005700

Abbreviation: ELECTECH

In Electrical Technology II, students will gain advanced knowledge and skills needed to enter the workforce as an electrician, a building maintenance technician, or a supervisor; prepare for a postsecondary degree in a specified field of construction or construction management; or pursue an approved apprenticeship program. Students will acquire knowledge and skills in alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation.

5. Disaster Response**PEIMS Code: N1303011****Abbreviation: DISRESP**

Disaster Response includes basic training of students in disaster survival and rescue skills that would improve the ability of citizens to survive until responders or other assistance could arrive. Students will receive education, training, and volunteer service to make communities safer, stronger, and better prepared to respond to the threats of terrorism, crime, public health issues and disasters of all kinds.

6. Emergency Medical Technician PEIMS Code: N1303015**Abbreviation: EMTB**

Emergency Medical Technician (EMT)—Basic instructs students to meet and exceed standard knowledge needed to be a valid Emergency Medical Technician. The curriculum includes skills necessary for a student to provide entry level emergency medical care, life support, and ambulance service. The EMT—Basic course is an introductory course to concepts, knowledge, and skills needed by EMTs in the areas of communications, transportation, and recordkeeping. Students interested in working in public safety, including fire, police, and ambulance operators will be capable of performing the job expectations of an EMT safely and effectively after the completion of this course.

**7. Entrepreneurship I
Entrepreneurship II****PEIMS Code: 13034400****Abbreviation: ENTREP1****PEIMS Code: N1170190****Abbreviation: ENTREP2**

The Entrepreneurship program of study teaches CTE learners how to plan, direct, and coordinate the management and operations of public or private sector organizations. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, analyze management structures, and plan for the use of materials and human resources.

8. Exercise Science & Wellness**PEIMS Code: N1303107****Abbreviation:**

The Principles of Exercise Science and Wellness course is designed to provide for the development of knowledge and skills in fields that assist patients with maintaining physical, mental, and emotional health. Students in this course will understand diet and exercise, as well as techniques to help patients recover from injury, illness, and disease. They will also learn about introductory health science topics such as employability skills, lifespan development, and ethical and legal standards.

9. Kinesiology I**PEIMS Code: N1302104****Abbreviation: KINES1**

This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers within the kinesiology field and be able to explain the societal demand for kinesiology-related jobs.

10. Kinesiology II**PEIMS Code: N1302124****Abbreviation: KINES2**

The Kinesiology II course is designed to provide students an advanced level of knowledge, skills, and understanding of body composition and the effect on health, nutritional needs of physically active individuals, qualitative biomechanics, application of therapeutic modalities, appropriate rehabilitation services, and aerobic training intensity programs. The course is designed to allow students to advance their understanding of professional standards, employability skills, and ethical and legal standards.

11. Video Game Design**PEIMS Code: 13009970****Abbreviation: VIDEOGD**

Video Game Design will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

12. Forensic Art**PEIMS Code: N1170190****Abbreviations: FORART**

Forensic Art is a career used to provide visual evidence in legal proceedings and/or to assist law enforcement. This course will provide the student with an opportunity to pursue a career as a forensic artist by acquiring skills such as composite drawings, postmortem and facial approximation aids, and the ability to communicate these effectively.

13. Advanced Placement (AP) Seminar**PEIMS Code: N1130026****Abbreviation: APSMNR**

AP Seminar is a foundational course that aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate

evidence-based arguments. Using an inquiry framework of questioning, understanding, evaluating, synthesizing, and transforming, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; experiencing artistic works and performances; conducting research and evaluating evidence; constructing and supporting arguments; and collaborating and communicating. AP Capstone™ is an innovative program from the College Board. t

14. ON-RAMPS CHEMISTRY

PEIMS Code: 3040000

Abbreviation: CHEM

This course introduces the fundamentals of general chemistry which includes unit conversions, nomenclature, composition stoichiometry, and reaction stoichiometry. Additional topics covered are atomic theory, bonding, states of matter, and thermodynamics.

15. Scientific Research & Design

PEIMS Code:13037200

Abbreviation: SCIRD

Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. These components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education.

Fiscal Implications:

Local and/or Technology and Instructional Materials Allotment (TIMA) funds will be used to purchase resources for these courses.

Administrative Recommendation:

We recommend that the board approve the 2024-2025 New Innovative Courses.

Motion Language:

I move that the board approve the 2024-2025 New Innovative Courses as submitted.

Alejandro Góngora

Contact Person

Dr. Robert Sormani

Approved by Superintendent