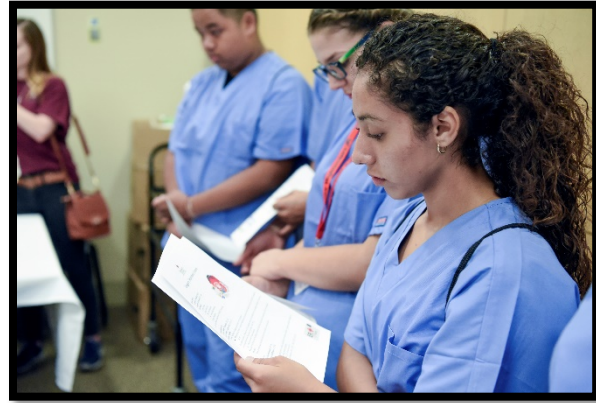


Medical Education & Research Academy Pathway



Vision

To develop individuals who possess the qualities of integrity, communication, competency, compassion, and teamwork and to instill a passion for success in health, nutrition, wellness, medical ethics, and patient care.

Mission

Students will attain the necessary skills for success in the patient care environment. Students have opportunities to experience hands-on projects and interact with Health Care and Medical professionals. They will also earn industry certifications as well as being involved in valuable internships. In addition, students have opportunities to educate and present relevant information to the public and to youth, and be provided with ongoing exposure to a high-level, rigorous curriculum with a focus on Health Science and Medical Technology with an emphasis in Patient Care.

Outcomes

- Proficiency in the use of digital tools and medical technology with focus on Health Science.
- Demonstration of effective verbal, written and digital communication skills and the ability to effectively function in teams.
- Demonstration empathetic listening strategies, and focused strategies needed for success in a medical-related environment.
- Demonstration of real-world problem solving with an emphasis on organizational and prioritization strategies for work and assigned projects that exist in the challenging environment of patient care.
- Implementation of strategies for self-reflection and self-analysis to continue student development towards self-actualization and life-long professional development.
- Internalize characteristics of justice, fairness, and personal responsibility while exuding the qualities of compassion, caring and relational capacity necessary for success.



Non-Discrimination Policy:

Fresno Unified School District prohibits discrimination, harassment, intimidation, and bullying based on actual or perceived race, color, ethnicity, national origin, immigration status, ancestry, age, creed, religion, political affiliation, gender, gender identity, gender expression, genetic information, mental or physical disability, sex, sexual orientation, marital status, pregnancy or parental status, medical information, military veteran status, or association with a person or a group with one or more of these actual or perceived characteristics or any other basis protected by law or regulation, in its educational program(s) or employment. If you believe you, or your student, have been subjected to discrimination, harassment, intimidation, or bullying you should contact your school site principal and/or the District's Chief Compliance and Title IX Officer Paul Idsvoog, by phone at 559-457-3730, by email at Paul.Idsvoog@fresnounified.org, or in person at 2309 Tulare Street Fresno, CA 93721.

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Medical Education & Research Academy Pathway

Pathway Progression Continuum

Grade 9	Grade 10
<p>Pathway Outcomes</p> <ul style="list-style-type: none"> Recognize the integrated systems approach to health care delivery services: prevention, diagnosis, pathology, and treatment. Understand the basic structure and function of the human body and relate normal function to common disorders. Know how to apply mathematical computations used in health care delivery system. <p>Career Ready Practice Skills</p> <ul style="list-style-type: none"> Develop an education and career plan aligned with personal goals. Apply technology to enhance productivity. Employ valid and reliable research strategies. IMAGO: Self-Awareness, Digital Ethics, Communication Skills, Organization, and Self-Control. <p>Work-Based Learning</p> <ul style="list-style-type: none"> Industry Specific Guest Speakers Job Shadowing College and Industry Field Trips 4-Year College & Career Plan Health Occupations Students of America (HOSA) Project-Based Learning (PBL) <p>Certifications and Dual Enrollment</p> <ul style="list-style-type: none"> Stop the Bleed 	<p>Pathway Outcomes</p> <ul style="list-style-type: none"> Implement wellness strategies for the prevention of injury and disease. Recognize and practice components of an intake assessment relevant to patient care. Research factors that define cultural differences between and among different ethnic, racial, and cultural groups and special populations. <p>Career Ready Practice Skills</p> <ul style="list-style-type: none"> Communicate clearly, effectively, and with reason. Utilize critical thinking to make sense of problems and persevere in solving them. Demonstrate creativity and innovation. IMAGO: Personal Development, Digital Communication, Effective Listening, Systems Collaborations, Fairness & Justice. <p>Work-Based Learning</p> <ul style="list-style-type: none"> All of Grade 9 Work-Based Learning Activities Community Services Student Voice Activities <p>Certifications and Dual Enrollment</p> <ul style="list-style-type: none"> ServSafe
Grade 11	Grade 12
<p>Pathway Outcomes</p> <ul style="list-style-type: none"> Adhere to the roles and responsibilities, within the scope of practice, that contribute to the design and implementation of treatment planning. Know the definition, spelling, pronunciation, and use of appropriate terminology in the health care setting. Demonstrate the principles of body mechanics as they apply to the positioning, transferring, and transporting of patients. <p>Career Ready Practice Skills</p> <ul style="list-style-type: none"> Practice personal health and understand financial literacy. Work productively in teams while integrating cultural and global competence. Apply appropriate technical skills and academic knowledge. IMAGO: Resilience, Digital Investigation, Empathy, Design Solutions, and Engagement. <p>Work-Based Learning</p> <ul style="list-style-type: none"> All of Grades 9 and 10 Work-Based Learning Activities Resume and Job Prep <p>Certifications and Dual Enrollment</p> <ul style="list-style-type: none"> OSHA-10 HIT-10 – Medical Terminology 	<p>Pathway Outcomes</p> <ul style="list-style-type: none"> Apply observation techniques to detect changes in the health status of patients. Comply with protocols and preventative health practices necessary to maintain a safe and healthy environment for patients, health care workers, coworkers, and self within the health care setting. Comply with hazardous waste disposal policies and procedures, including documentation, to ensure that regulated waste is handled, packaged, stored, and disposed of in accordance with federal, state, and local regulations. Communicate procedures and goals to patients using various communication strategies to respond to questions and concerns. <p>Career Ready Practice Skills</p> <ul style="list-style-type: none"> Model integrity, ethical leadership, and effective management Act as a responsible citizen in the workplace and the community Understand the environmental, social, and economic impacts of decisions IMAGO: Conflict Resolution, Building Relationships, Choosing a Path, Accountability, and Tenacity <p>Work-Based Learning</p> <ul style="list-style-type: none"> All of Grades 9, 10, and 11 Work-Based Learning Activities Internships (Paid/Unpaid) Presentation of Collective Works at Portfolio Day <p>Certifications and Dual Enrollment</p> <ul style="list-style-type: none"> CPR/First Aid – Basic Life Support for the Health Care Provider Medical Assisting – Administrative and/or Clinical MA-1 – Medical Law and Ethics Concepts

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