

Career & Technical Education
Health Science

Level 1 • Principles of Health Science

Level 2 • Medical Terminology

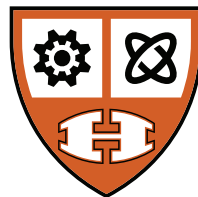
Level 3 • Anatomy & Physiology
• Health Science Theory
• Medical Microbiology

Level 4 • Practicum in Health Science

Certification(s)

- Clinical Medical Assistant
 - EKG Technician
 - EMT Basic
 - Pharmacy Technician
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Student Organization



**CAREER & TECHNICAL
EDUCATION** HUTTO ISD
HEALTH SCIENCE

Course Information - Health Science

Course Title	Credits	Prerequisites	Course Description
Principles of Health Science	1.0	None	The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.
Medical Terminology	1.0	None	The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.
Health Science Theory	1.0	Biology	The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.
Anatomy & Physiology	1.0 (Science)	Biology and 2nd Science Credit	The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.
Medical Microbiology	1.0 (Science)	Biology & Chemistry	The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement.
Practicum in Health Science	2.0	Health Science Theory Anatomy & Physiology	The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.