

# MEDICAL & HEALTH SCIENCES DEPARTMENT Senior High School



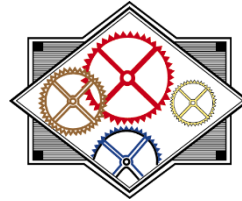
Arts &  
Communications



Business, Management  
Marketing & Technology



Health  
Science



Engineering/Manufacturing  
& Industrial Technology



Human  
Services



Natural Resources  
& Agriscience

VPAA – Meets Visual, Performing & Applied Arts Requirement

OLE – Meets Online Learning Experience Requirement

SMR – Senior Math Related

CP - CTE Completer

21F – Course Available through Section 21F: Expanded Virtual Learning

\*CAREER ZONES - Broad groupings of careers that share similar characteristics and whose employment requirements call for many common interests, strengths, and competencies.

<b>MEDICAL SCIENCE I</b> (VPAA/OLE/SMR) – V040	10, 11, 12	1.0 credit
<p>This course of study is designed to introduce students to careers in the medical and healthcare fields. Students will have the opportunity to learn the anatomy and physiology of the body systems as it relates to health, wellness, diagnosis and treatment of diseases and the human life cycle. Students will explore the four service areas of healthcare: informational technology, diagnostic, therapeutic and environmental services. This course will provide students with basic skills in first aid, CPR and medical terminology. The class includes medical career research, clinical labs, project work, and professional guest speakers. Students will have the option to enhance their experience by participating in job shadowing, or other work-based learning opportunities. Credit may be granted in science or medical &amp; health sciences.</p> <p><i>*Course content may address skills pertaining to these potential Career Zones: Health Sciences, Human Services</i></p>		
<b>MEDICAL SCIENCE II</b> (VPAA/OLE/SMR/CP) – V050	11, 12	1.0 credit
<p>PREREQUISITE: Medical Science I SHARED TIME: May require travel to another building</p> <p>This course is designed to provide the student with comprehensive administrative and clinical skills in the medical or dental office setting. The course covers knowledge, skills, attitudes, and principles necessary to prepare students to become successful, multi-skilled medical assistants, health unit coordinators and dental assistants. The textbook, labs, practice software and computerized test bank cover the administrative, clinical and general areas identified as necessary for entry level employment. This course includes computers in the medical office, clinical skills and procedures, administration of medication, phlebotomy, diagnostic lab procedures, minor surgery and general health and wellness of the patient. Students apply their knowledge of advanced skills and techniques through analysis and problem solving of patient case studies. Students will have the option to enhance their experience by participating in job shadowing, or other work-based learning opportunities.</p> <p><i>*Course content may address skills pertaining to these potential Career Zones: Health Sciences, Human Services</i></p>		

PREREQUISITE: Medical Science I

SHARED TIME: May require travel to another building

Nursing Assistant is a co-educational class designed to teach students the basics of patient care for those in hospitals, nursing centers and home care settings. The textbooks and lab practice incorporate the use of employability skills, ethics, medical terminology, and mathematics to connections with the medical field. Students will have the opportunity to enhance their experience by participating in job shadowing, Future Nurses Club, and The Health Occupations Students of America (HOSA). This class is suitable for students considering a career in the medical field.

*\*Course content may address skills pertaining to these potential Career Zones: Health Sciences, Human Services*