

# MEDICAL & HEALTH SCIENCES DEPARTMENT



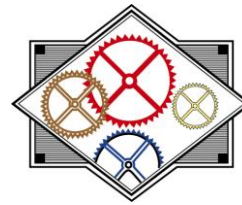
Arts & Communications



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

WLII – Meets World Language II Requirement

**HEALTH SCIENCES INTERNSHIP** – N406 – N407 11, 12 1.0 credit

**PREREQUISITE:** Medical and Health Science Careers, Nursing Assistant, or Medical and Dental Assisting; along with teacher recommendation and approval of School to Work Coordinator.

This course offers students the opportunity to spend a portion of their school day working at a healthcare-related training site in the community. This employment experience is related to the career goals of the student and is supervised by a school-to-work coordinator. The student will develop workplace skills and leadership traits in their chosen healthcare field, i.e. hospital, medical office, dental office, veterinary clinic, nursing home, or physical therapy facility. Evaluation of job performance and assessment of coursework is the responsibility of the STW Coordinator with input from the training site supervisor. This program adheres to all federal and state labor laws.

**MEDICAL AND HEALTH SCIENCE CAREERS** (VPAA) (OLE) (SMR) – V010 10, 11, 12 1.0 credit

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 & health sciences.

**MEDICAL AND DENTAL ASSISTING (OLE) (SMR) (WLII) – V020**

11, 12

1.0 credit

PREREQUISITE: Successful completion of Medical and Health Science Careers

SHARED TIME: May require travel to another building

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.

**NURSING ASSISTANT (VPAA) (SMR) (WLII) – V030**

11, 12

2.0 credits

PREREQUISITE: Successful completion of Medical and Health Science Careers and teacher's approval

SHARED TIME: Classes held at Utica High School. 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.

Instructors: Jill Bologna RN, BSN

Lisa Tancredi RN, BSN