

Curriculum at a Glance

Medical Careers 3&4

Grade 11-12

Medical Careers 3 & 4 are designed to introduce the student to the various knowledge and skill sets needed in the healthcare professions. This course will expose students to information that is pertinent to all aspects of the delivery of healthcare services. The ethical, legal and professional considerations involved in health occupations will be explored. The student will be introduced to First Aid and CPR issues and techniques. Local and national healthcare issues will be explored in class discussion, group teaching units and research exercises. Students will also receive a brief overview of Latin and medical terminology and Anatomy & Physiology. Students are strongly encouraged to pursue studies in these areas in their schedules. During Medical Careers 4 students will be eligible for a 10 week internship.

Unit Description	Content and/or Skills
Unit 1: Communication within Healthcare	<ul style="list-style-type: none">● Introduction● pre-tests for review● Classroom rules● Communication styles● team building
Unit 2: Medical Math	<ul style="list-style-type: none">● Health Care Math● Pharmacology
Unit 3: Medical Terminology	<ul style="list-style-type: none">● Prefix & suffix● word roots● definition
Unit 4: Microbiology	<ul style="list-style-type: none">● Anatomy Systems—Integumentary and Immune System● chain of infection● universal precautions
Unit 5: Anatomical direction	<ul style="list-style-type: none">● Anatomical planes● regions● directional terminology

Unit 6: Cardio-Pulmonary	<ul style="list-style-type: none"> ● Anatomy Systems: Cardiovascular, Respiratory ● Conduction system ● vital signs
Unit 7: Anatomy, Physiology & Pathophysiology	<ul style="list-style-type: none"> ● Body Systems & disease
Unit 8: Legal & Ethical Health Care Considerations	<ul style="list-style-type: none"> ● Legal & ethical practices within the healthcare environment
Unit 9: Emergency Services	<ul style="list-style-type: none"> ● CPR and First Aid
Unit 10: Epidemiology	<ul style="list-style-type: none"> ● Spread of disease
Unit 11: Beyond the classroom	<ul style="list-style-type: none"> ● Offsite internship