

SUMMARY

The District's Educational Services Department has recommended updates in our district-wide course catalog. At this time, we are submitting new RCOE Career Technical Education courses in the Health Science & Medical Technology Sector - Patient Care Pathways titled RCOE Intermediate Kinesiology, RCOE Advanced Kinesiology, RCOE Applied Kinesiology, RCOE Intermediate Sports Medicine, RCOE Advanced Sports Medicine. These courses meet the UC/CSU A-G requirement "G."

RCOE Intermediate Kinesiology is designed to provide students with an overall introduction to allied health professions, including vital signs, medical terminology, medical abbreviations, health and safety in healthcare, professionalism in healthcare, legal and ethical responsibilities of a medical professional, measurements and mathematics applied in healthcare careers, body systems along with anatomy and physiology. It will assist students in developing a career plan. Emphasis is placed on the skills necessary to enter the healthcare field and exploration of the many different employment areas within healthcare. This course is a Concentrator course in the HLT198 pathway. This course has no prerequisites and is intended for grades 10-12.

In RCOE Advanced Kinesiology, students will receive an overview of health careers and foundational preparation for careers in physical therapy, athletic training, sports medicine, exercise science, and other careers relating to the Kinesiology or Exercise Science field. Students will learn everything from medical terminology, human anatomy and physiology, and the causes, symptoms, and management of common athletic injuries. Students will acquire practical hands-on experience in recognizing and assessing, preventing, treating, and rehabilitating sports injuries to the head and spine, upper extremities, chest and abdomen, pelvis, and lower extremities. Students can evaluate their patients and design a treatment and rehabilitation plan, including various therapeutic exercises and modalities. There is a high level of rigor in the reading and decoding the textbooks. Students will be examining and formulating their conclusions from real-world medical research. This course is a Capstone course in the HLT198 pathway. The prerequisite for this course is RCOE Intermediate Kinesiology and is intended for grades 10-12.

The RCOE Applied Kinesiology course is a two-part course that includes classroom instruction and community site training that is designed to help students practice their skills as healthcare providers in the areas of athletic training, physical therapy, personal fitness training, medical and sports equipment sales, massage therapy, emergency medicine, and other sports medicine related occupations. Students can apply their knowledge from previous coursework and continue developing professional and employable skills. Subject matter will also include ethics, legal concerns and insurance policies, administration in healthcare, pharmacology in athletics, sports psychology, and the importance of strength and conditioning specialists/certifications. This course is rigorous and designed around the framework of the health profession

in general and patient contact and care applications specifically. This course is a Concentrator course in the HLT198 pathway. The prerequisites for this course are RCOE Intermediate Kinesiology and RCOE Advanced Kinesiology, intended for grades 11-12.

RCOE Intermediate Sports Medicine will offer an overview, expand the student's knowledge of health careers, and establish a foundational platform for careers in physical therapy, exercise science, athletic training, sports medicine, and other careers relating to the medical or paramedical field. The student will explore and examine the introductory components of medical terminology, human anatomy and physiology, emergency medical procedures, soft tissue and bone injuries, sports medicine, physical fitness, and the causes, symptoms, and management of common athletic injuries. The course will provide an environment where students acquire and demonstrate practical, hands-on experience in the prevention, assessment, treatment, taping, wrapping, and rehabilitation of common sports injuries. This course is a Concentrator in the HLT198 pathway. The prerequisites recommended for this course are Anatomy & Physiology and Biology and are intended for grades 10-12.

RCOE Advanced Sports Medicine students will receive an overview of health careers and foundational preparation for careers in physical therapy, athletic training, sports medicine, exercise science, and other careers relating to the medical or paramedical fields. Students will learn everything from medical terminology, human anatomy and physiology, basic life support for healthcare providers, and the causes, symptoms, and management of common athletic injuries. Students will acquire practical hands-on experience in recognizing and assessing, preventing, treating, and rehabilitating sports injuries to the head and spine, upper extremities, chest and abdomen, pelvis, and lower extremities. Students can evaluate their patients and design a treatment and rehabilitation plan, including various therapeutic exercises and modalities. There is a high level of rigor in the reading and decoding the textbooks. This course is a Capstone in the HLT198 pathway. The prerequisites are RCOE Intermediate Sports Medicine and Anatomy & Physiology and Biology, which are recommended and are intended for grades 10-12.

The Director of Curriculum and Instruction and the Assistant Superintendent of Educational Services have approved the above courses.