

District Career & Technical Education (CTE) Pathway Proposal

The Career & Technical Education (CTE) Pathway proposal is to be submitted to the CTE Coordinator for prior approval and should include the following information:

Name of State approved (CCCS) CTE Program: Health Science - Sports Medicine and Physical Therapy

CCCS Student Rights Assurance: Approved programs must assure and have strategies in place to ensure that no student is unlawfully: • Discriminated against the basis of age, race, religion, color, national origin, sex/gender, pregnancy status, gender identity, sexual orientation, or disability in its activities or programs as required by Title VI, Title IX, and Section 504, Age Discrimination Act, and Title II of the Americans with Disabilities Act. • Denied an equal opportunity to benefit from occupational education solely on the basis of race, color, religion, national origin, sex, age, or disability. Additionally, CTE staff must work with students with qualified disabilities (including the learning disabled and those with physical, sensory, and temporary disabilities) to provide appropriate assistance to students so that they may participate in approved CTE programs as fully as possible. Each program is responsible for providing evidence of each of these in the case of an audit or upon CCCS request.

I. GOALS

A. Provide a brief overview of the CTE Pathway. The health science pathway explores the discipline of applied science which deals with human health. There are two parts to health science: the study, research, and knowledge of health, and the application of that knowledge to improve health, cure diseases, and understanding how humans function.

B. How does this CTE Pathway fit into the overall educational program? CTE programs significantly increase not only the high school graduation rate, but also results in a higher percentage of students going to college and persisting through graduation. Students taking both academic and technical courses have lower dropout rates and better achievement gains than other students.

C. What benefits would students receive from this CTE pathway? This pathway will prepare students for entry level positions in sports medicine or personal training. The courses will provide students the opportunity to be prepared to focus on skills that will increase their postsecondary readiness in the field of health care.

II. CAREER & TECHNICAL EDUCATION (CTE) PATHWAY COURSES

Complete the table below indicating the course sequence students would take within the CTE program. Other courses may be added or changed within the program, based upon the need of students or program modifications. **New course names will be indicated in red text.**

<i>Pathway Name:</i>	Health
----------------------	--------

<i>Sub-Pathway Name (if applicable):</i>	Sports Medicine and Personal Trainer
--	--------------------------------------

<i>Level:</i>	<i>State Approved Course Name:</i>	<i>State Approved Description:</i>	<i>CIP Code</i>
Level 1	Introduction to Health Science A	This two-semester introductory Health Science course provides an overview of the challenging environments and occupation is the healthcare field. This course introduces students to the five pathways that make up the health science cluster (Diagnostic, Therapeutic, and Support Services, Health Informatics, Biotechnology Research and Development). In addition, students are provided a hands-on application of the foundational skills/ knowledge including health maintenance, employability skills, teamwork, healthcare systems, communications, and legal issues in healthcare. This course includes preparation for Basic Life Support for Healthcare Providers certification.	510913
Level 1	Introduction to Health Science B	The second semester of this two-semester course builds on the first and encourages awareness of career possibilities in healthcare and informs students of educational opportunities available in health science programs. This course integrates foundational theory with technical skills necessary for healthcare environments. Instruction includes: an overview of body systems, medical terminology, communication, principles of patient care, concepts of ethics and bioethics, safety practices including infection control, personal and environmental safety, technology, cultural awareness, emergency procedures and protocols; common and emerging diseases and disorders, fundamental skills of basic care, medical math, CPR and first aid. This course includes	510913

		preparation for Basic Life Support for Healthcare Providers certification.	
Level 2	Medical Terminology A / B (HPR 1038/1039/1040)	Demonstrates knowledge of medical terminology with emphasis on combining complex prefixes, roots and suffixes. Course includes terms related to diagnostic tools per body systems, as well as commonly used medical abbreviations. Course applies medical terminology knowledge in interpreting the medical record.	510913
Level 2	Ethical and Legal Issues in Health Professions	Introduces the student to the study and application of medico-legal concepts in medical careers. This course seeks to establish a foundation for ethical behavior and decision making in health professions.	510913
Level 2	Human Nutrition for Health Science (HWE 1050)	Introduces students to the study and the application of medico-legal concepts in medical careers. This course seeks to establish a foundation for ethical behavior and decision making in health professions.	510913
Level 2	Medical Math	Students will develop competency in basic math skills related to healthcare (averages, ratios and proportions, fractions, decimals, and percentages). They will learn systems of measurements, the use of formulas, dimensional analysis, direct and inverse variation, solutions, and dosage calculations. They will convert units of height, weight, and temperature, demonstrate the uses of 24-hour clock time and analyze diagrams, charts, graphs, and tables used to interpret healthcare results.	510913
Level 3	Personal Trainer (CPT)	The Certified Personal Trainer (CPT) course prepares students for the NCCA-Accredited CPT exam. The course also instills the knowledge and standards needed for excellence in Certified Personal Trainer practice. The NCCA-Accredited CPT exam is an approved certification found on the Career Development Incentive Program (CDIP) approved programs list.	510913
Level 3	Sports Medicine A/B	This course provides students with a general overview of the field of sports medicine. It includes introductory information about careers; scope of practice; legal and ethical responsibilities; injury prevention, treatment, and management; anatomy and physiology; nutrition; basic taping and wrapping techniques, and administrative functions.	510913

Level 3	Exercise & Health Science	In this two-semester class, students will study the different modalities of exercise and key concepts of exercise physiology. This will include and introduction to weight training techniques and will participate in daily physical workouts using a variety of equipment	510913
Level 4	Sports Medicine Capstone A/B	This course allows for advanced work in any Program of Study. This advanced work can be individualized to the specific program of study to allow for specialized study for the student. It may include project based learning or preparation for end of program industry certification. Specific content and course design will be determined by the instructor in collaboration with the individual student.	510913
Level 4	Personal Trainer Capstone	This course allows for advanced work in any Program of Study. This advanced work can be individualized to the specific program of study to allow for specialized study for the student. It may include project based learning or preparation for end of program industry certification. Specific content and course design will be determined by the instructor in collaboration with the individual student.	510913
Level 4	Sports Medicine WBL	Work Based Learning is essential to conceptualize, comprehend and apply employability skills. The opportunity for students to participate in industry field trips, industry events, job shadowing, internships, mentoring and other activities assures students 21st century real-world skills.	510913
Level 4	Sports Medicine Apprenticeship	An employer-driven model and form of experiential learning that combines on-the-job learning as a paid employee with related classroom instruction in order to increase an apprentice's skill level and wages. Includes: pre-apprenticeship, youth apprenticeship, registered apprenticeship within a given pathway.	510913

Signature Page

<p>Does the Career and Technical Education (CTE) Coordinator approve adoption of this program?</p> <p><i>** Your signature below indicates your approval of the program.</i></p>
<p> </p>

Signature Aimee Barker

Does the Director of CIA approve adoption of this program?
*** Your signature below indicates your approval of the program.*

Signature Erica Mason

Does the Chief Assessment Officer approve adoption of this program?
*** Your signature below indicates your approval of the program.*

Signature Matt Reynolds

Does the Assistant Superintendent approve adoption of this program?
*** Your signature below indicates your approval of the program.*

Signature Danny Winsor

Does the Board of Education approve adoption of this program?	Yes	No
---	-----	----

Date of BOE Meeting _____

Signature _____

Superintendent File: IGA-E-2

Office use: The following information is required to build individual courses into Infinite Campus.

Credit Type: (FNA, PRA, MAT, etc)	
Department Code:	
Course Number:	
Course entered in NCAA database if applicable.	
Update Graduation Competencies course document if applicable for Math and English courses.	
VIP Code:	
CIP Code:	
Add to HEAR list, if applicable.	
Course Mapping SCED code:	
Date entered into Infinite Campus	
Credit amount:	

Document Details

Title	CTE Pathway Proposal IGA-E-2 , Sports Medicine and Physical Therapy.pdf
File Name	CTE Pathway Proposal IGA-E-2 , Sports Medicine and Physical Therapy.pdf
Document ID	624e3f0e7e3b45bfbe971de1206eccdc9
Fingerprint	879dc5443878ea761ce7ea6c31635418
Status	Completed

Document History

Document Created	Document Created by Tammy Melanson (tmelanson@dcsdk12.org) Fingerprint: 517aea5eef4b87f38a749ee4d9e593df	Oct 28 2023 11:25AM America/Denver
Document Sent	Document Sent to Aimee Barker (AJBARKER@dcsdk12.org)	Oct 28 2023 11:25AM America/Denver
Document Viewed	Document Viewed by Aimee Barker (AJBARKER@dcsdk12.org) IP: 66.85.41.187	Oct 31 2023 10:09AM America/Denver
Document Viewed	Document Viewed by Aimee Barker (AJBARKER@dcsdk12.org) IP: 44.206.146.222	Oct 31 2023 10:10AM America/Denver
Document Signed	Document Signed by Aimee Barker (AJBARKER@dcsdk12.org) IP: 66.85.41.187 <i>Aimee Barker</i>	Oct 31 2023 10:10AM America/Denver
Document Sent	Document Sent to Erica Mason (elmason@dcsdk12.org)	Oct 31 2023 10:10AM America/Denver
Document Viewed	Document Viewed by Erica Mason (elmason@dcsdk12.org) IP: 66.85.41.187	Oct 31 2023 11:46AM America/Denver

Document Viewed Document Viewed by Erica Mason (elmason@dcsdk12.org) IP: 54.197.82.92 Oct 31 2023 11:46AM America/Denver


Document Signed Document Signed by Erica Mason (elmason@dcsdk12.org) IP: 66.85.41.187 Oct 31 2023 11:46AM America/Denver


Document Sent Document Sent to Matt Reynolds (mjreynolds@dcsdk12.org) Oct 31 2023 11:46AM America/Denver

Document Viewed Document Viewed by Matt Reynolds (mjreynolds@dcsdk12.org) IP: 67.166.28.174 Oct 31 2023 01:00PM America/Denver

Document Viewed Document Viewed by Matt Reynolds (mjreynolds@dcsdk12.org) IP: 3.223.198.206 Oct 31 2023 01:01PM America/Denver


Document Viewed Document Viewed by Matt Reynolds (mjreynolds@dcsdk12.org) IP: 173.234.146.231 Oct 31 2023 01:02PM America/Denver

Document Signed Document Signed by Matt Reynolds (mjreynolds@dcsdk12.org) IP: 67.166.28.174 Oct 31 2023 01:04PM America/Denver


Document Sent Document Sent to Danny Winsor (drwinsor@dcsdk12.org) Oct 31 2023 01:04PM America/Denver

Document Viewed Document Viewed by Danny Winsor (drwinsor@dcsdk12.org) IP: 66.85.41.187 Oct 31 2023 01:06PM America/Denver

Document Viewed Document Viewed by Danny Winsor (drwinsor@dcsdk12.org) IP: 54.205.86.61 Oct 31 2023 01:06PM America/Denver

Document Signed Document Signed by Danny Winsor (drwinsor@dcsdk12.org) IP: 66.85.41.187 Oct 31 2023 01:07PM America/Denver


Document Completed This document has been completed. Fingerprint: 879dc5443878ea761ce7ea6c31635418 Oct 31 2023 01:07PM America/Denver
