

Advanced Health Seminar

Advanced Health Seminar is a one-credit course that provides an individualized learning experience for students who desire an in-depth study in at least one occupational area in the Health Science cluster. Students who successfully complete Foundations of Health Science and Health Science Internship may select one or more health care areas to prepare for specialization in a health career. This senior-level work-based project is the capstone course for the Health Science cluster and can serve to complete concentration in a pathway.

Advanced Health Seminar provides an opportunity for high school seniors to show what they have learned in a career pathway. It provides rigorous learning experiences whereby students select an area of interest, conduct in-depth research, and demonstrate problem-solving, decision-making, and independent-learning skills. During the project, students work with the coordinating teacher, academic teachers, and industry mentors who have expertise in the student's field of study.

Career and technical student organizations are integral, cocurricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

Project Proposal

Students will:

1. Create a formal project proposal that communicates specific concepts, processes, or products related to a chosen career pathway.
Examples: pathways—Diagnostics Services, Therapeutic Services, Health Informatics, Biotechnology Research and Development

Research

2. Utilize skills needed for independent research related to a chosen health career.
3. Construct graphs, charts, and tables to organize collected data for supporting a project.
4. Utilize communication and technology skills to access, process, and retrieve information related to a selected health career plan.

Project

5. Produce an original project, including conceptualization, refinement of ideas, and evaluation of the process and product.
6. Write a well-organized research paper related to a chosen health career.

7. Develop a presentation using project findings and conclusions.
Examples: producing a digital presentation, making a speech, creating a documentary, presenting a project model and explanation