

# CCIC CORE CLASSES

CCIC core content is integrated within our pathway curriculum and meets district core standards requirements for graduation. All CCIC core classes are NCAA approved.

EngA

**CP Innovator's English A (Effective Communication, Writing, and Career Success)** - In this integrative English course, students demonstrate career & college readiness, developing leadership skills, research, & writing skills that will enable them to be successful in their pathway of purpose. Students in this course also participate in many collaborative settings where they will use rhetorical strategies to reach a decision with others who have diverse ideas. To be successful, students must contribute to conversations in professional manners. Students conduct research relating to issues in their industry, problem solving those issues to invite diversity into their writing and conversations. Students write in APA format, citing sources and developing their informational literacy skills. This course can be repeated for credit.

EngB

**CP Innovator's English B (Research and Writing)** – In this course, students will use argumentation, research processes, and reflection to continue to develop and experiment with their writing. It will also use an active learning approach in writing, reading, and communication processes to integrate topics into potential careers. Students will complete a college and career research project according to the APA style guide that enables them to confidently transition to post-secondary realms. This course involves continued emphasis on the writing process, critical thinking, the rhetorical nature of language, and furthers their research skills. This course can be repeated for credit.

Tech

**CE Technical Writing / CP Innovator's English C** – This integrated English course teaches the fundamentals of writing and pathway or industry-specific technical documents with structure, organization, diction, style, revision, editing and mechanics. Students will write for specific industry-related purposes including, but not limited to professional emails, training manuals, business proposals, blog creation and response, professional interviewing, podcast creation, and social media content writing. Finally, students will conduct research as necessary for the pathway and industry curriculum, gathering relevant information from multiple print sources related to the task. By the end of the course, students will be able to read, analyze, summarize, and apply technical information and plain language as appropriate for career preparation. This course may offer CE Credit (ENG 1031) and may be repeated for credit.

EngC

MthA

**CP Innovator's Math Topics A** - This course will extend students' proficiency in fundamental arithmetic topics to in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. This course can be repeated for credit.

MthB

**CP Innovator's Math Topics B** - This course will extend students' proficiency in fundamental arithmetic topics to more advanced algebraic topics, including the application of trigonometric functions, standard deviation, matrix and vector analysis, logarithmic and exponential relationships, and linear systems. This course can be repeated for credit.

MthC

**CP Innovator's Math Topics C** - This course will extend students' proficiency in the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, and the analysis of potential solutions. This course can be repeated for credit.

MthD

**CP Innovator's Math Topics D** – Innovator's Math D will expand on students' proficiency in number theory and discrete mathematics topics as it applies to technology. Topics may include number systems, basic combinatorics, modular arithmetic, and prime numbers. This course can be repeated for credit.

A&P

**CE Basic Anatomy & Physiology** - This course provides a deeper exploration of the human body and biological systems in great detail. Students expand their knowledge of the body and terminology/phonetic pronunciations used to describe and locate body parts as well as an overall review of human development and body processes. This course focuses on basic knowledge of body structures and function and provides a foundation for understanding deviations from normal and disease conditions. This course may offer CE Credit (BIO 1006) and may be repeated for credit.

LifSci

**CP Innovator's Life Science** - Students will use a full range of science and engineering practices to make sense of natural phenomena and solve problems that require an understanding of how individual organisms are configured and how these structures function to support life, growth, behavior, and reproduction. This course can be repeated for credit.

PhySci

**CP Innovator's Physical Science** - Students can use the full range of science and engineering practices to make sense of natural phenomena and solve problems that require understanding structure, properties and interactions of matter. This course can be repeated for credit.