

Academic Courses Available for Possible Dual Credit Alignment through CEI

This list is intended as a guide for potential instructors and high school administrators to see what courses are optional for dual credit through CEI. Instructors seeking to teach dual credit through CEI must meet qualification standards, submit an application to CEI, and if approved, work with a CEI representatives to establish specific course alignment and length.

Course #	Course Name	College Credits	Acceptable Course Length for Dual Credit
ACC201	Intro to Financial Accounting	3	Semester, Trimester
ACC202	Intro to Managerial Accounting	3	Semester, Trimester
ART101	Art History 1	3	Semester, Trimester
ART102	Art History2	3	Semester, Trimester
ART105	Design I	3	Semester, Trimester or Full Year if aligned with AP ART 2D Design
ART109	Drawing I	3	Semester, Trimester or Full Year if aligned with AP ART 2D Design
ART231	Introduction to Graphic Design	3	Semester, Trimester
BIOL100	Concepts of Biology	4	Semester, Double Trimester or Full Year
BIOL120	Environmental Science	4	Semester, Double Trimester or Full Year
BIOL201/L	Biology I w/ Lab	4	Semester, Double Trimester or Full Year
BIOL227/L	Human Anatomy & Physiology I w/ Lab	4	Full Year
BSN101	Introduction to Business	3	Semester or Trimester
BSN250	Principles of Marketing	3	Semester or Trimester
BSN255	Leadership Development Skills	3	Semester or Trimester
CHEM100	Concepts of Chemistry	4	Semester, Double Trimester or Full Year
CHEM101/L	Introduction to Chemistry w/ Lab	4	Semester, Double Trimester or Full Year
CHEM 111/L	General Chemistry I w/ Lab	5	Semester, Double Trimester or Full Year
COMM101	Fundamentals of Oral Communication	3	Semester or Trimester
COMM233	Interpersonal Communication	3	Semester or Trimester
CRJ103	Introduction to Law and Justice	3	Semester or Trimester
EAR105	Early Childhood Environments	3	Semester or Trimester
ECON201	Principles of Macroeconomics	3	Semester or Trimester
ECON202	Principles of Microeconomics	3	Semester or Trimester
EDU201	Foundations of Education	3	Semester or Trimester

**Course length can depend on high school schedule and must be approved in advance by CEI Department. Courses that extend more than one term must be taught consecutively within one academic year.*

EDU204	Families, Communities and Culture	3	Semester or Trimester
EGR120	Introduction to Engineering	2	Semester or Trimester
ENGL101	Writing and Rhetoric I	3	Semester, Trimester or Full Year if aligned with AP English Lang & Comp
ENGL102	Writing and Rhetoric II	3	Semester or Trimester
ENGL 175	Literature and Ideas	3	Semester, Trimester or Full Year if aligned with AP English Lit
GEOL101	Physical Geology w/ Lab	4	Semester or Double Trimester
HCT100	Introduction to Health Professions	2	Semester or Trimester
HCT101	Medical Terminology	2	Semester, Trimester or Double Trimester
HIST101	World History I	3	Semester or Trimester
HIST102	World History II	3	Semester or Trimester
HIST111	US History I	3	Semester, Trimester or Double Trimester
HIST112	US History II	3	Semester, Trimester or Double Trimester
HUM101	Introduction to Humanities I	3	Semester or Trimester
MATH108	Intermediate Algebra	3	Semester or Trimester
MATH123	Mathematics in a Modern Society	3	Semester or Trimester
MATH143	College Algebra	3	Semester or Trimester
MATH144	Trigonometry	2	Semester or Trimester
MATH147	College Algebra & Trigonometry	5	Full Year
MATH153	Statistical Reasoning	3	Semester, Trimester or Full Year (if aligned with AP Stats)
MATH170	Calculus I	4	Semester, Double Trimester or Full Year
MATH175	Calculus II	4	Semester, Double Trimester or Full Year
MUSI108	Survey of Jazz and Pop Music	3	Semester or Trimester
NUTR239	Human Nutrition	3	Semester or Trimester
PHIL101	Introduction to Philosophy	3	Semester or Trimester
PHIL 103	Introduction to Ethics	3	Semester or Trimester
PHYS100/L	Survey of Physics w/ Lab	4	Semester, Double Trimester or Full Year
PHYS111/L	General Physics I w/ Lab	4	Semester, Double Trimester or Full Year
POLS101	American National Government	3	Semester or Double Trimester
PSYC101	Introduction to Psychology	3	Semester or Trimester
SOC101	Introduction to Sociology	3	Semester or Trimester
SPAN101	Elementary Spanish I	4	Semester, Double Trimester or Full Year
SPAN102	Elementary Spanish II	4	Semester, Double Trimester or Full Year

CTE Courses Available for Possible Dual Credit Alignment through CEI

This list is intended as a guide for potential instructors and high school administrators to see what courses are optional for technical dual credit through CEI.

Course #	Course Name	College Credit	Suggested Course Length for dual credit courses (specific course lengths must be approved by CEI department)	Program Path at CEI
Automotive				
ASE114	Engine Repair	3	Seek guidance from CEI. Allowed course length can depend on course sequencing at high school	Auto, Diesel
ASE133	Manual Drive Train	2		Auto, Diesel
ASE164	Introduction to Electrical	1		Auto, Diesel
ASE165	Electrical Systems	3		Auto, Diesel
ASE173	Automotive/Diesel Basic HVAC	2		Auto, Diesel
MTD103	Automotive/Diesel Technology Fundamentals & S	2		Auto, Diesel
MTD110	Mechanics Technical Math	2		Auto, Diesel
Business				
BOT180	Financial Business Application	3	Semester or Trimester	Business, Legal
Engineering / Machine Tool				
MAC126	Related Blueprint Reading I	2	Semester or Trimester	Machine Tool
MAC127	Related Blueprint Reading II	2	Semester or Trimester	Machine Tool
Healthcare				
HCT109	Introduction to Medical Ethics	2	Semester or Trimester	Medical Assistant
HCT140	Certified Nursing Assistant Training	6	Semester, Trimester or Full Year	Nursing
MAS120	Diseases of the Human Body	2	Semester or Trimester	Medical Assistant
MAS121	Beginning Administrative Skills for Medical Assista	4	Semester or Trimester	Medical Assistant
Technology				
CNT114	Computer Essentials	4	Double Trimester or Full Year	Cybersecurity, Information Technology
CNT150	Desktop/Client Computer Operating Systems	4	Double Trimester or Full Year	Cybersecurity, Information Technology
Web Design				
CIS151 (L)	Graphic Design	5+1	Semester, Double Trimester or Full Year	Digital Media
CIS152 (L)	Web Authoring	5+1	Semester, Double Trimester or Full Year	Digital Media