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# College-Level Examination Program<sup>®</sup> and Career and Technical Education

The College-Level Examination Program<sup>®</sup> (CLEP<sup>®</sup>) prepares students for careers just as it prepares them for completing college degrees. And when students participate in career and technical education (CTE) in addition to CLEP, they're setting themselves up for a successful future.

## About CLEP

CLEP has been the most widely trusted credit-by-examination program for over 50 years, accepted by 2,900 colleges and universities and administered in more than 2,000 test centers. This rigorous program allows students from a wide range of ages and backgrounds to demonstrate mastery of introductory college-level material and earn college credit. For further information, visit [clep.collegeboard.org](http://clep.collegeboard.org) or contact [clep@collegeboard.org](mailto:clep@collegeboard.org).

## CLEP and CTE Programs of Study

Georgetown's Center on Education and the Workforce projects that by 2020 65% of all jobs in the economy will require postsecondary education and training beyond high school. Increasingly, career readiness is dependent on success at two- and four-year colleges. The powerful combination of CLEP with CTE allows students to reach their chosen careers faster, either by accelerating their entry into the field, or freeing up their time to take more advanced college courses sooner.

The College Board teamed up with Advance CTE to consider core aspects of every CLEP exam and make connections with each of the 16 Career Clusters<sup>®</sup> listed in the National Career Clusters Framework<sup>®</sup>. The connections outlined in the following pages are a starting point for further discussion and innovative thinking at the institution, system and district level to align CLEP exams with local CTE programs of study.

## Career Clusters – CLEP Exams

Courses listed within this table are only recommended coursework and should be individualized to meet each student’s educational and career goals. Potential to be Embedded in Program of Study means these CLEP exams could be included in the sequence of academic and technical content that address both academic and technical knowledge and skills that are aligned to industry needs. Recommended means these CLEP exams may augment or support a program of study, and a student’s post-high-school plans, but may not be appropriate to be embedded into a state- or locally-developed program of study.

Career Cluster	CLEP Exams
<p><i>Agriculture, Food &amp; Natural Resources</i></p> <p>Agribusiness Systems            Environmental Service Systems            Food Products &amp; Processing Systems            Natural Resources Systems            Plant Systems            Power, Structural &amp; Technical Systems</p>	<p><u>Potential to be Embedded in Program of Study<sup>1</sup>:</u></p> <p>Financial Accounting            Natural Sciences            Principles of Macroeconomics            Principles of Management            Principles of Marketing            Principles of Microeconomics</p> <p><u>Recommended<sup>2</sup>:</u></p> <p>Biology            Chemistry            College Algebra            Information Systems</p>
<p><i>Architecture &amp; Construction</i></p> <p>Construction            Design/Pre-Construction            Maintenance/Operations</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>N/A</p> <p><u>Recommended:</u></p> <p>College Algebra            College Mathematics            Information Systems</p>
<p><i>Arts, A/V Technology &amp; Communications</i></p> <p>A/V Technology &amp; Film            Journalism &amp; Broadcasting            Performing Arts            Printing Technology            Telecommunications            Visual Arts</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>College Composition            Humanities            Information Systems</p> <p><u>Recommended:</u></p> <p>N/A</p>
<p><i>Business Management &amp; Administration</i></p> <p>Administrative Support            Business Information Management            General Management            Human Resources Management</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>Financial Accounting            Information Systems            Introductory Business Law            Principles of Macroeconomics</p>

<p>Operations Management</p>	<p>Principles of Management Principles of Marketing Principles of Microeconomics</p> <p><u>Recommended:</u> College Algebra College Composition College Mathematics World Languages</p>
<p><i>Education &amp; Training</i></p> <p>Administration &amp; Administrative Support Professional Support Services Teaching/Training</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>Human Growth and Development Information Systems Introduction to Educational Psychology</p> <p><u>Recommended:</u></p> <p>Introductory Psychology Introductory Sociology</p>
<p><i>Finance</i></p> <p>Accounting Banking Services Business Finance Insurance Securities &amp; Investments</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>Financial Accounting Information Systems Introductory Business Law Principles of Macroeconomics Principles of Management Principles of Microeconomics</p> <p><u>Recommended:</u></p> <p>College Algebra College Mathematics Principles of Marketing</p>
<p><i>Government &amp; Public Administration</i></p> <p>Foreign Service Governance National Security Planning Public Management &amp; Administration Regulation Revenue &amp; Taxation</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>American Government Financial Accounting Introductory Business Law Introductory Sociology Social Sciences and History Principles of Macroeconomics Principles of Management Principles of Microeconomics</p> <p><u>Recommended:</u></p> <p>College Algebra College Composition College Mathematics History of the United States I &amp; II Western Civilization I &amp; II</p>
<p><i>Health Science</i></p> <p>Biotechnology Research &amp; Development</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>Biology</p>

<p>Diagnostic Services Health Informatics Support Services Therapeutic Services</p>	<p>Human Growth and Development Introductory Psychology</p> <p><u>Recommended:</u></p> <p>Chemistry College Algebra College Mathematics Information Systems</p>
<p><i>Hospitality &amp; Tourism</i></p> <p>Lodging Recreation, Amusements &amp; Attractions Restaurants &amp; Food/Beverage Services Travel &amp; Tourism</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>Introductory Business Law Principles of Macroeconomics Principles of Management Principles of Marketing Principles of Microeconomics</p> <p><u>Recommended:</u></p> <p>College Algebra World Languages</p>
<p><i>Human Services</i></p> <p>Consumer Services Counseling &amp; Mental Health Services Family &amp; Community Services Personal Care Services</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>Human Growth and Development Introduction to Educational Psychology Introductory Psychology Introductory Sociology</p> <p><u>Recommended:</u></p> <p>N/A</p>
<p><i>Information Technology</i></p> <p>Information Support &amp; Services Network Systems Programming &amp; Software Development Web &amp; Digital Communications</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>Information Systems</p> <p><u>Recommended:</u></p> <p>N/A</p>
<p><i>Law, Public Safety, Corrections &amp; Security</i></p> <p>Correction Services Emergency &amp; Fire Management Services Law Enforcement Services Legal Services Security &amp; Protective Services</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>American Government Introductory Business Law Introductory Psychology Introductory Sociology</p> <p><u>Recommended:</u></p> <p>History of the United States I and II</p>
<p><i>Manufacturing</i></p> <p>Health, Safety &amp; Environmental Assurance Logistics &amp; Inventory Control Maintenance, Installation &amp; Repair Manufacturing Production Process Development</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>Information Systems Principles of Management</p>

<p>Production Quality Assurance</p>	<p><u>Recommended:</u></p> <p>Chemistry College Algebra College Mathematics Natural Sciences Precalculus Principles of Macroeconomics Principles of Microeconomics</p>
<p><i>Marketing</i></p> <p>Marketing Communications Marketing Management Marketing Research Merchandising Professional Sales</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>Principles of Macroeconomics Principles of Management Principles of Marketing Principles of Microeconomics</p> <p><u>Recommended:</u></p> <p>College Algebra College Composition Financial Accounting Introduction to Psychology</p>
<p><i>Science, Technology, Engineering &amp; Mathematics (STEM)</i></p> <p>Engineering &amp; Technology Science &amp; Math</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>Calculus</p> <p><u>Recommended:</u></p> <p>Biology Chemistry College Algebra College Mathematics Information Systems Natural Sciences Precalculus</p>
<p><i>Transportation, Distribution &amp; Logistics</i></p> <p>Facility &amp; Mobile Equipment Maintenance Health, Safety &amp; Environmental Management Logistics Planning &amp; Management Services Sales &amp; Service Transportation Operations Transportation Systems/Infrastructure Planning, Management &amp; Regulation Warehousing &amp; Distribution Center Operations</p>	<p><u>Potential to be Embedded in Program of Study:</u></p> <p>Principles of Macroeconomics Principles of Management Principles of Microeconomics</p> <p><u>Recommended:</u></p> <p>Information Systems</p>

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