

APPENDIX A-12
Career and Technical Acceptable Course Substitutions for Appendices A-6, A-7, A-8, A-9

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met
Agriculture & Natural Resources I (991100) Agriculture & Natural Resources II (991101) OR Fundamentals of Ag. & Nat. Resources (991102) Ag. & Nat. Res.: Soils and Ag. Lab Operations (991103) Ag. & Nat. Res.: Environmental Science (991104) Ag. & Nat. Res.: Equipment Operation and Business Management (991105)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Aquaculture I (991600) Aquaculture II (991601) OR Introduction to Aquaculture (991602) Basic Aquaculture (991603) Advanced Aquaculture (992604) Application of Aquaculture (991605)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Forestry I (991500) Forestry II (991501) OR Forestry Introduction (991502) Forestry Surveying and Measurements (991503) Forestry Cruising (991504) Forestry Marketing (991505)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Horticulture I (991400) Horticulture II (991401) OR Introduction to Horticulture (991402) Horticulture Plant Processes (991403) Horticulture Nursery (991404) Horticulture Landscape and Turfgrass (991405)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
AEST Science of Agricultural Plants I (991013) AEST Science of Agricultural Plants II (991023) OR AEST Science of Agricultural Animals I (991010) AEST Science of Agricultural Animals II (991020) OR AEST Science of Agricultural Environment I (991011) AEST Science of Agricultural Environment II (991021)	1 unit of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met
Concepts of Agriscience (991000)	1 unit of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.
Introduction to Agriscience (029990)	1 unit of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie units awarded other than the 1 Carnegie unit for the CTE course.
Engineering and Mechatronics I (994000) Engineering II (994001) OR Engineering and Mechatronics Fundamentals (994002) Engineering and Mechatronics Industry Skills (994003) Engineering Manufacturing Concepts (994004) Engineering Systems (994005)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Polymer Science I (994500) Polymer Science II (994501) OR Introduction to Polymer Science I (994502) Introduction to Polymer Science II (994503) Advanced Topics in Polymer Science (994504) Careers in Polymer Science (994505)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Health Science Core (995100) Healthcare and Clinical Services (995101) OR Health Science Core I (995102) Health Science Core II (995103) Healthcare and Clinical Services I (995104) Healthcare and Clinical Services II (995105)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Health Science Core (995100) Sports Medicine (995200) OR Health Science Core I (995102) Health Science Core II (995103) Sports Medicine: Theory & Application I (995202) Sports Medicine: Theory & Application II (995203)	2 units of Science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Architectural Design & Drafting I (994300) Architectural Design & Drafting II (994301) OR Concepts of Drafting (994302) Drafting and Design (994303) Architectural Drafting (994304) Architectural Drafting Application (994305)	1 unit of Math (other than Algebra I) may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.

CTE Curriculum Name (Course Code)	Equivalent HS Graduation Requirements Met
AP Computer Science Principles (110145)	1 unit of Technology/Computer Science OR 1 Unit of Math OR 1 Unit of Science may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie Units are awarded.
AP Computer Science A (110141)	1 unit of Technology/Computer Science OR 1 Unit of Math OR 1 Unit of Science may be awarded as a Requirement Met upon completion of the single course. No additional Carnegie Units are awarded.
Health Science Core (995100) OR Health Science Core I (995102) Health Science Core II (995103)	To meet the requirement for Contemporary Health, 2 Carnegie units of Health Core Science must be completed.
Digital Media Technology I & II (994100 and 994101) OR Orientation to Digital Media (994108) Fundamentals of Digital Media (994109) Theory and Applications of Digital Media I (994110) Theory and Applications of Digital Media II (994111)	1 unit of the Arts may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Business Fundamentals (992300) (No longer offered) OR Business Fundamentals I (992301) (No longer offered) Business Fundamentals II (992302) (No longer offered)	½ unit of Economics may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.
Business, Marketing, and Finance I (992004) Business, Marketing, and Finance II (992005) OR Fundamentals of Business & Entrepreneurship (992404) Marketing (992403) Management (992309) Finance (992003)	½ unit of Personal Finance may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course. AND ½ unit of Economics may be awarded as a Requirement Met upon completion of the sequence of courses. No additional Carnegie units are awarded other than the 4 Carnegie units for the CTE course.