

CTE Program: **Communications Technology**

Career Cluster: **Engineering & Technology Education**

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| <br>Career Technical Education                                                                                                 | Standard Diploma Requirements<br>14 Core Curriculum Credits |                                                                              |                                                                                  |                                  |
|                                                                                                                                                                                                                 | Grade 9                                                     | Grade 10                                                                     | Grade 11                                                                         | Grade 12                         |
| English                                                                                                                                                                                                         | 4 Credits in English                                        | AP - Advanced Placement, DE - Dual Enrollment, EGP - English General Paper   |                                                                                  |                                  |
| Advanced Scholar                                                                                                                                                                                                | English 2 Honors                                            | AP Lang                                                                      | AP Lit                                                                           | AP Elective or DE                |
| Scholar                                                                                                                                                                                                         | English 2 Honors                                            | English 3 Honors                                                             | AICE EGP, DE, or AP Lang                                                         | AICE EGP, DE, or AP Lit          |
| Merit                                                                                                                                                                                                           | English 1 (R or H)                                          | English 2 (R or H)                                                           | AICE EGP                                                                         | DE or Eng 4 (R or H)             |
| Mathematics                                                                                                                                                                                                     | 4 Credits in Mathematics                                    | MCL - Math for College Liberal Arts, MDFL - Math for Data & Fin Lit          |                                                                                  |                                  |
| Advanced Scholar                                                                                                                                                                                                | Algebra 2 Honors                                            | AP Math, DE (College Algebra), or Math for College Algebra (MCA)             |                                                                                  |                                  |
| Scholar                                                                                                                                                                                                         | Geometry Honors                                             | Algebra 2 Honors                                                             | AP Math, MCL, MDFL, MCA, Prob/Stats (R or H)                                     |                                  |
| Merit                                                                                                                                                                                                           | Algebra 1 or Algebra 1A                                     | Algebra 1 or Geometry                                                        | ALG 2, MCL, MDFL, MCA, Prob/Stats (R or H)                                       |                                  |
| Science                                                                                                                                                                                                         | 3 Credits in Science                                        | AP - Advanced Placement, DE - Dual Enrollment, EQ - Equally Rigorous Science |                                                                                  |                                  |
| Advanced Scholar                                                                                                                                                                                                | Biology 1 Honors                                            | Chemistry 1 Honors                                                           | AP Science, DE, or AICE Science Courses                                          |                                  |
| Scholar                                                                                                                                                                                                         | Biology 1 Honors                                            | Chemistry 1 (R or H)                                                         | AP Science, DE, AICE, or other EQ Science Course                                 |                                  |
| Merit                                                                                                                                                                                                           | Environmental or Earth Space Science                        | Biology 1 Honors                                                             | Other EQ HS Science Courses or CTE Courses that Substitute for EQ Science Course |                                  |
| Social Studies                                                                                                                                                                                                  | 3 Credits in Social Studies                                 | 2023 Freshmen must complete a Personal Finance* course for graduation        |                                                                                  |                                  |
| Advanced Scholar                                                                                                                                                                                                | Personal Finance & Money Management                         | AP World History or AP European History                                      | AP US History                                                                    | AP Gov't & AP Econ               |
| Scholar/Merit                                                                                                                                                                                                   | AP Human Geo, or Personal Finance & Money Management        | World History (AP or H), or Personal Finance & Money Management              | US History (H)                                                                   | US Gov't & Econ. (H)             |
| Required Courses: Algebra 1 or Geometry, Biology, World History, US History, Personal Finance, US Gov't, & Economics                                                                                            |                                                             |                                                                              |                                                                                  |                                  |
| 7.5 Elective Credits                                                                                                                                                                                            |                                                             |                                                                              |                                                                                  |                                  |
| Career & Technical Education Course:                                                                                                                                                                            | Communications Technology I                                 | Communications Technology II                                                 | Communications Technology III                                                    | Advanced Technology Applications |
| Recommended:                                                                                                                                                                                                    | Foreign Language                                            | Foreign Language                                                             | Elective                                                                         | Elective                         |
| 2.5 Other Required Courses                                                                                                                                                                                      |                                                             |                                                                              |                                                                                  |                                  |
| 1 Credit: Physical Education (H.O.P.E.)                                                                                                                                                                         |                                                             |                                                                              |                                                                                  |                                  |
| 1 Credit: Fine & Performing Arts, Speech & Debate, any CTE course, or Practical Arts                                                                                                                            |                                                             |                                                                              |                                                                                  |                                  |
| .5 Credit: Personal Finance Requirement - *CTE offers Personal Financial Literacy                                                                                                                               |                                                             |                                                                              |                                                                                  |                                  |
| **This document is intended for course planning. Course offerings may vary by school. Please contact your school's guidance department, program director, or assistant principal for site specific information. |                                                             |                                                                              |                                                                                  |                                  |
| Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational and CAPE Scholars Award requirements.                                                              |                                                             |                                                                              |                                                                                  |                                  |

Related Post-Secondary Opportunities

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|------------------------------|---------------------------------------|-----------------------------------|----------------------------------|
| Post-Secondary Opportunities | <b>Career Certificate Programs</b>    | <b>College Credit Certificate</b> | <b>Degree Programs</b>           |
|                              | <i>Technical College - Clock Hour</i> | <i>&lt;60 College Credits</i>     | <i>Associate of Science (AS)</i> |
|                              |                                       |                                   |                                  |
|                              |                                       |                                   |                                  |

