



DUNCANVILLE HIGH SCHOOL

Engineering T-STEM

SAMPLE GRADUATION PLAN

DALLAS COLLEGE DEGREES & CERTIFICATES:



Advanced Manufacturing/Mechatronics
Technology Certificate

16

College Credit
Hours



Dual Credit
Courses at Dallas
College Mountain
View Campus



Work-based
Learning
Experiences



STEM Endorsement

9TH GRADE

- | | | |
|--|---|---|
| <input type="checkbox"/> English I | <input type="checkbox"/> World Geography or AP
Human Geography | <input type="checkbox"/> Health/PE |
| <input type="checkbox"/> Algebra I or Geometry | <input type="checkbox"/> Spanish I | <input type="checkbox"/> Principles of Applied
Engineering |
| <input type="checkbox"/> Biology | | |

10TH GRADE

- | | | |
|---|--|---|
| <input type="checkbox"/> English II | <input type="checkbox"/> Spanish II | <input type="checkbox"/> Engineering Design &
Presentation I |
| <input type="checkbox"/> Geometry or Algebra II | <input type="checkbox"/> Fine Arts | |
| <input type="checkbox"/> World History | <input type="checkbox"/> IPC, Chemistry or Physics | |

11TH GRADE

- | | | |
|---|---|---|
| <input type="checkbox"/> English III | <input type="checkbox"/> Advanced Science
Credit | <input type="checkbox"/> Engineering Design and
Presentation II DC (MFGT
1404, 1406) |
| <input type="checkbox"/> Advanced Math Credit | <input type="checkbox"/> U.S. History | |

12TH GRADE

- | | | |
|--|--|---|
| <input type="checkbox"/> Advanced English Credit | <input type="checkbox"/> U.S. Government | <input type="checkbox"/> Practicum in STEM DC
(MFGT 2459, ELPT 2419) |
| <input type="checkbox"/> Advanced Math Credit | <input type="checkbox"/> Economics | |

This is a sample graduation plan. Students will work with counselors and P-TECH/T-STEM instructors to schedule their courses according to their unique needs. This plan is based on high school graduation requirements and Dallas College course requirements, which are subject to change. Courses in **bold** are dual credit courses. For more resources, visit us at duncanvilleisd.org/ptech and on Twitter [@dvillcTE](https://twitter.com/dvillcTE).

