



DUNCANVILLE HIGH SCHOOL

Engineering P-TECH

SAMPLE GRADUATION PLAN, 2023-2024

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

- English I
- Algebra I or Geometry
- Biology
- World Geography or AP Human Geography
- Spanish I
- Health/PE
- Principles of Applied Engineering

10TH GRADE

- English II
- Geometry or Algebra II
- World History
- Spanish II
- Fine Arts
- IPC, Chemistry or Physics
- Engineering Design & Presentation I

11TH GRADE

- English III
- Advanced Math Credit
- Advanced Science Credit
- U.S. History
- Engineering Design and Presentation II DC (MFGT 1404, 1406)**

12TH GRADE

- Advanced English Credit
- Advanced Math Credit
- U.S. Government
- Economics
- Practicum in STEM DC (MFGT 2459, ELPT 2419)**

This is a sample graduation plan. Students will work with DHS and Dallas College counselors and P-TECH instructors to schedule their courses according to their unique needs. High school graduation requirements and Dallas College course requirements are subject to change. Courses in **bold** are dual credit courses and Dallas College course numbers are in parenthesis. For more resources, visit duncanvilleisd.org/ptech.

