



# TECHNOLOGY PROGRESSIONS – STUDENT PATHWAYS

Grade 6 Course Description → Grade 7 Course Description → Grade 8 Course Description → Grade 9 Course Description → Grade 10 Course Description → Grade 11 Course Description → Grade 12 Course Description

**Career Progression**

**Technology 6**  
(10 Weeks)

**Technology 7**  
(10 Weeks)

**Technology 8**  
(10 Weeks)

**College IED**  
-OR-  
**World of Tech.**  
Optional:  
Manufacturing  
Systems

**HS Progressions**

**Automotive**

**Construction**

**Mechanical**

**Computer**

**Civil Engineering & Architecture**

**Mechanical**

**Computer**

**Civil & Architecture**

**World of Technology**

**Manufacturing Systems**

**Transportation Systems**  
(Optional: CSMP)

**World of Technology**

**Manufacturing Systems**

**College Civil Engineering**  
(Optional: CSMP)

**College CIM**  
(pending approval)

**College POE**  
--AND--  
**College DE**  
(pending approval)

**EDD**

**Communication Systems and Media Production**

**College Intro to Computer Programming**  
--AND--  
**College DE**  
(pending approval)

**EDD**

**College CE**

**College POE**

**EDD**

**College POE**

**College DE**  
(pending approval)  
**AND**  
**College ICP**

**EDD**  
(optional; Trans. Sys., College ICP)

**College DE**  
--AND--  
**College Intro to Comp. Prog.**

**College Cyber Security**  
(pending approval)  
(Optional: CSMP)

**EDD**  
(optional: CSMP)

**Course?**

**Course?**

**EDD**  
(optional: course?)

**Pre-Engineering Progression**

**Technology 6**  
(10 Weeks)

**Technology 7**  
(10 Weeks)

**Technology 8**  
(10 Weeks)

**College IED**

IED – Introduction to Engineering Design  
CE – Civil Engineering  
CIM – Computer Integrated Manufacturing  
DE – Digital Electronics  
POE – Principles of Engineering  
EDD – Engineering Design and Development  
CSMP – Communication Systems and Media Production  
ICP – Introduction to Computer Programming  
CS – Cyber Security

**Accelerated Pre-Engineering Progression**

**Technology 6**  
(10 Weeks)

**Technology 7**  
(10 Weeks)

**Technology 8**  
--AND--  
**College IED**

**College CIM**  
(pending approval)  
(Optional: CS and Media Prod.)

Course Description Tech 8  
Course Description IED

**Note:** These progressions are recommended; however, students with the necessary prerequisites may change progressions at any time and are NOT required to complete all courses.

*List of Textbooks by Course*

*Profile of Technology Student*

*A five-unit technology sequence may be used instead of LOTE for an Advanced Regents*