

# SCOPE AND SEQUENCE PTECH STUDENT

Application Process - 8th Grade

## Recruitment: MS

Home District presentations  
PTECH Visitations & Mini Challenge  
Parent Nights

8<sup>TH</sup>

OCT - DEC  
8th Grade

JAN - MAR  
8th Grade

8<sup>TH</sup>

## Applications OPEN

Required:

- Online App with short answers
- 2 - Teacher Recommendations
- Counselor Form
- Parent Form

## In-person Interview

Representatives from Industry and Education come to home districts to interview applicants

8<sup>TH</sup>

APRIL  
8th Grade

MAY  
8th Grade

8<sup>TH</sup>

## Acceptance

Students are offered a spot in the next cohort of PTECH students. They must accept or decline their offers by the end of May

## PTECH Cohort Kickoff

Students and families come to CiTi BOCES to meet their cohort and teachers. Get all questions answered

8<sup>TH</sup>

JUNE  
8th Grade

SUMMER  
Year 1

9

## JumpStart & Bridge

Incoming 9th graders attend 3 - 4 weeks of programing. Aimed at getting all students on level academic footing for the start of the school year. As well as team building within the cohort.

## Year 1 - 9th Grade

### HS Courses: 6.5 cr

- Math 1: Algebra 1
- Science 1: Living
- SS 1: Global 9
- English 1 (Fall) & English 2 (Spr)
- Elective: Intro to Engineering \*\*
- Phys Ed

### College Courses: 4 cr

- MAT 103 (Fall)
- ELM 106 (Spr)

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SEP - JUNE  
Year 1 - 9th Grade

- Workforce Development
- Industry Visitation
- Mentoring
- Industry Challenges

SUMMER  
Year 2

10

## OCC Summer Course

All rising 10th graders take CIS 100: Info & Computer Literacy for 3 credits

## Year 2 - 10th Grade

### HS Courses: 6.5 cr

- Math 1: Algebra 2
- Science 2: Engr Sci \*\*
- SS2: Global 10
- English 3: Technical Writing \*
- DDP \*\*
- Elective \*\*
- Phys Ed

### College Courses: 14cr

- ELM 107 (Fall)
- MAT 108 (Spr)
- ELM 100 (Full Year)
- ELM 101 (Fall)
- MET 161 (Spr)
- ELM 104 (Fall)
- ELM 105 (Spr)

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SEP - JUNE  
Year 2 - 10th Grade

- Workforce Development
- Industry Visitation
- Mentoring
- Industry Challenges

OCT  
Year 2

COLLEGE  
PATHWAY  
CHOICE

MET

ELT

ELM

## Year 3 - 11th Grade

### HS Courses: 6.5 cr

- Math 3: \*\*
- Science 3: Physics
- English 4: \*\*
- LOTE or Elective: Coding \*\*
- Dual Credit Electives
- Phys Ed

### College Courses: 14cr

- MAT 119/120 (7cr) OR
- MAT 143/161 (8cr)
- ENG 103/104 (6cr)
- ELM 109 (2cr)
- ELM 102: OSHA 10 (1cr)

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SEP - JUNE  
Year 3 - 11th Grade

- Workforce Development
- Industry Visitation
- Mentoring
- Industry Challenges
- OSHA 10
- NCRC
- Job Shadowing

SUMMER  
Year 3

11

## Job Shadowing

Students become eligible for Job Shadowing experiences at partner businesses.

## Year 4 - 12th Grade

### HS Courses: 3 cr

- SS3: US History
- SS4: Participation in Gov/Economics
- Health \*
- Dual Credit Electives as needed \*\*
- Phys Ed

### College Courses: 13-19cr

- Pathway Specific course load.

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SEP - JUNE  
Year 4 - 12th Grade

- Workforce Development
- Industry Visitation
- Mentoring
- Industry Challenges
- Workshops
- Paid Internship

SUMMER  
Year 4

12

## Paid Internship

Students become eligible for internship experiences at partner businesses.

## Year 5 & 6 - 13th & 14th Grade

- Remaining College Coursework as needed.
- Paid Internship Continuation
- Final Job Placement

13/14

SEP - JUNE  
Year 5/6 - 13/14th Grade

- Workforce Development
- Mentoring
- Workshops
- Paid Internship Con't
- Final Job Placement