



Chelmsford Public Schools
Perseverance, Respect, Integrity, Dedication, Empathy

Innovation Pathways



At Chelmsford High School

What are Innovation Pathways?

Innovation Pathways are designed to give students coursework and experience in a specific high-demand industry, such as information technology, engineering, healthcare, life sciences and advanced manufacturing.

Innovation Pathways are designed to create strong partnerships with employers in order to expose students to career options and help them develop knowledge and skills related to their chosen field of study before they graduate high school.

-Massachusetts Department of Education

Organizations that have received the Innovation Pathways designation.



Why follow an Innovation Pathway?

Students who are interested in a particular field/industry and act to follow one of our pathways will have:

- *Access to quality career training.*
- *Opportunity for internships and/or industry research focus.*
- *Additional academic and career building supports.*
- *Potential for college cost savings for students.*
- *Improved access to higher education through exposure and experience in college level courses while they attend high school.*



New Pathways for Students at CHS

Business & Finance

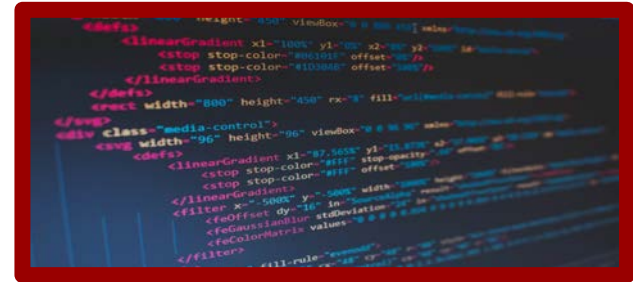
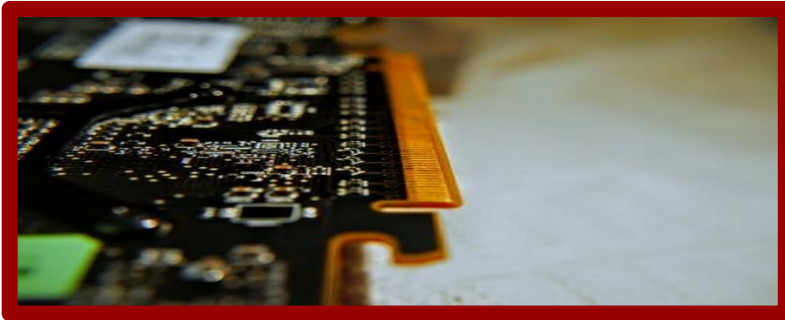


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New Pathways for Students at CHS

Information Technology



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Business & Finance Pathway: Entering 9th Grade

9th Grade

- 1 Credit Course
- Business and Career Pathways (skills-based requirement)



10th Grade

- 1 Credit Course
- Microsoft Office (skills-based requirement)



11th and 12th Grades

(Choose 2 Advanced courses from the list below)

- Management (DE)
- Psychology I (DE)
- Accounting I (DE)
- Business Ethics (DE)
- Marketing (DE)
- Introduction to Stats (DE)



Second Semester Senior Year:

Industry Internship or
Capstone Experience

Business & Finance Pathway: Entering 10th Grade

9th Grade
1 Credit Course



10th Grade
➤ 1 Credit Course
➤ Business and Career Pathways
(skills-based requirement)

11th and 12th Grades
Microsoft Office (skills-based requirement) and
(Choose 2 Advanced courses from the list below)

- Management (DE)
- Psychology (DE)
- Accounting I (DE)
- Business Ethics (DE)
- Marketing (DE)
- Introduction to Stats (DE)



Second Semester Senior Year
Industry Internship or
Capstone Experience

Information Technology Pathway: Entering 9th Grade

9th Grade

- 1 Credit Course
- Robotics (skills-based requirement)



10th Grade

- 1 Credit Course
- Intro to Engineering PLTW (skills-based requirement)



11th Grade & 12th Grade

(Choose 2 Advanced courses from the list below)

- Programming I (DE)
- PLTW AP Computer Science Principles (DE)
- AP Computer Science A



Second Semester Senior Year

Industry Internship
or
Capstone Experience

Information Technology Pathway: Entering 10th Grade

9th Grade
1 Credit Course



10th Grade

- 1 Credit Course
- Intro to Engineering PLTW (skills-based requirement)



11th Grade

- PLTW AP Computer Science Principles (skills-based requirement)
- Programming I DE (Advanced Requirement) 11th



Grade 12
AP Computer Science A
(Advanced Requirement)



Second Semester Senior Year
Industry Internship or
Capstone Experience

Next Steps

Interested?

Students who are interested in either Innovation Pathway are encouraged to fill out the following [Google Form](#) or scan the QR code below:



Questions?

We encourage students and families to view Chelmsford High School's Program of Studies and speak with administration and the guidance department for further information on the opportunities the Innovation Pathways can provide.

[Jon Morris, K12 Science Coordinator](#)

[Stephanie Quinn, K12 Social Science Coordinator](#)

[Dr. Bobby Lyons, Emerson House Dean](#)



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