

Shrewsbury High School

Program of Studies 2024-2025

Proposed Changes

Presented to the School Committee

January 10, 2024

Course Selection Timeline

2/5-2/19:
Counselor
presentations

2/19-3/18:
Counselor mtg w/
individuals

4/3: Determine teaching
assignments

5/20-6/12: Resolve
conflicts with students

2/7 AP Info Night

3/29 Course
Placements

4/15-4/26 "The Build"

2/13 8th Grade
Curriculum Night

4/8 Data
Entry

4/29: Students
Loaded into PS

2/12-2/16: Teacher
recommendations

3/25: Course tallies &
Directors allocate FTE/set
sections

6/12: Anticipated
completion of master
schedule

Strategic Priority: Commitment to Educational Excellence:

- Priority 2.3: Increase opportunities for students to take advanced course in order to meet all state accountability system improvement targets, both for all students and for state-designated student demographic groups.
- Action step: Update the course selection process in 2023-24 to increase participation in courses designated by the state as “advanced courses” for the 2024-25 school year, focusing on student demographic groups whose participation in advanced course is below state benchmarks.

Presentations for Families on Course Selection

- AP Night February 7, at 6:30 pm (Snow Date: February 8th)
- School Counselor/Parent Connection: February 9 at 8:00 am
- 8th Grade Curriculum Night, February 13 at 6:30 pm (Snow Date: February 15th)
- SHS Counselors will visit Oak Middle School February 12, 13, and 14

Strategic Priority: Commitment to Educational Excellence:

- Priority 3.1: Create career and technical pathways, including coursework sequences followed by authentic field training experiences.
- Action step: Complete planning for expansion of Project Lead the Way courses as Innovation Career Pathway as Innovation Pathway options in the areas of Engineering: Advanced Manufacturing and Life Science: Biomedical Science for the 2024-25 school year.

Innovation Career Pathways

- Developed to provide students opportunities to explore career pathways aligned with our regional labor needs
- In response to not having access to vocational-technical education
- Expansion of existing pathways
- Proposed expansion into two areas: Life Sciences: Biomedical and Engineering: Advanced Manufacturing
 - 3 full year course sequence
 - 4th year provides for an internship/capstone project/or work study option

Existing Innovation Career Pathways

- Business
 - Introduction to Business (semester course)
 - Marketing (semester course)
 - Personal Finance (semester course)
 - Accounting (semester course)
- Childcare & Child Development
 - Child Development I (semester course)
 - Child Development II (semester course)

Existing Innovation Career Pathways

- Computer Science
 - Web Design (semester course)
 - Project Lead The Way (PLTW) Computer Science 1 (full-year course)
 - PLTW Computer Science 2 (full-year course)
 - PLTW Cybersecurity (full-year course)
- TV Production & Film
 - Introduction to TV Production & Film (semester course)
 - TV Production & Film 2 (semester course)
 - TV Production & Film 3 (semester course)

Proposed Innovation Career Pathways

Life Science: Bio-Medical Industry

<u>Year</u>	<u>Course / Experience</u>
9th grade	Principles of Biomedical Science (PBS)
10th grade	Human Body Systems (HB)
11th grade	Medical Interventions (MI)
12th grade	Industry internship / Work-study/Capstone project

Proposed Innovation Career Pathways

Engineering: Advanced Manufacturing

<u>Year</u>	<u>Course / Experience</u>
9th grade	Introduction to Engineering Design (IED)
10th grade	Principles of Engineering (POE)
11th grade	Computer Integrated Manufacturing (CIM)
12th grade	Industry internship / Work-study/Capstone Project

Proposed Changes

English Department

1. Eliminate *English 9B and English 10B* are being eliminated from the Program of Studies.

English Language Education

1. Add a new course: *ELE Newcomer Language & Skills*

Proposed Changes

Family Consumer Science

1. *Foods of the World* will be offered during the 2024-2025 school year; *Mediterranean Cuisine* will not be offered during the 2024-2025 school year.

Physical Education

1. Remove the first paragraph of the preamble under the Health and Physical Education heading.
2. Remove all course titles from individual Physical Education “strands” and replace them instead with Physical Education Level 1 (9th & 10th grade) and Physical Education Level 2 (11th & 12th grade).

Proposed Changes- *Physical Education*

Rationale:

- Creates a new course structure for implementation of the revised 2023 Health and PE Frameworks
- Provides flexibility for students' yearly schedules
- Provides flexibility for PE teachers to implement new content without existing strand constraints

Proposed Changes: *Technology, Media, & Business (TMB)*

- Add course: *Broadcast Journalism & TV Production for Morning Announcements*
- Remove *Multimedia Applications* and *Advanced Multimedia Applications*.
- Adjust the title of *Computer Science 1 Honors* to *Project Lead The Way (PLTW) Computer Science Principles Honors* to clarify that it is a Project Lead the Way course.
- Adjust the title of *Computer Science II Honors* to *PLTW Computer Science A Honors* to clarify that it is a Project Lead the Way course.
- Adjust the title of *Cybersecurity* to *PLTW Cybersecurity* to clarify that it is a Project Lead the Way course.
- Remove *Intro to Computer Programming with JAVA*.

Proposed Changes: *Science and Engineering*

1. Remove *Lab Intro Physics* from the program of studies. The course did not run in 23-24 as we transitioned to our new supportive *Foundations of Biology* program.
2. Remove *Exploring Technology* from the program of studies. This is a semester course eliminated as we work towards streamlining our PLTW engineering pathways program
3. Remove *Robotics Electronics* from the program of studies. This is a semester course eliminated as we work towards streamlining our PLTW engineering pathways program

Proposed Changes: *Science and Engineering*

4. Add *Medical Interventions* (MI) 3rd course in the PLTW BioMed pathway sequence.
5. Add *Foundations of Biology* - this course has been running as a pilot program. Adding this course to the Program of Studies provides the description for transcript reporting.
6. Change language for Principles of *BioMed* and *Human Body Systems* to include access to grades 9 or grade 10.
7. Add course: *Computer Integrated Manufacturing* (CIM) - PLTW. This is the 3rd engineering course in the PLTW engineering pathway.

Proposed Changes: *Performing Arts*

1. *Voice in Acting* and *Theatrical Design* will not be offered in 2024-25. *Theater Arts II* will be offered.
2. Minor language changes in *Wind Ensemble*, *Concert Band*, and *Jazz Band* to clarify performance expectations.

Proposed Changes: Visual Arts

1. Eliminate *Art Foundations* as a result of low enrollment.
2. Add course: *Character Design and Intro to Animation*
3. Add course: *Digital Studio Art*
4. Change *Traditional & Digital Photography* to a single instructor, no longer co-taught.

Proposed Changes: World Languages

1. Add course: *Heritage Portuguese 4*
2. Add honors levels for all Heritage courses (Portuguese and Spanish) to provide the opportunity to earn honors credit in the Heritage Language sequence.

Questions?