Teacher works to complete the course curriculum scope and sequence.

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Somers Public Schools

Major Course Modification and New Course Proposal

Type of proposal: ☐Major modification to existing course X New Course

Proposed Course Title: CT State Welding	Content Area: Technology Education
This course is designed for: Freshman Sophomores **Juniors Seniors** Middle School	Length of Course: Full Year **Semester** Quarter Trimester

Prerequisites needed by students to take this course:

Introduction to Welding (937)

What need(s) does this course address? How was the need identified and who was involved determining the need?

This course fulfills multiple needs. First and foremost this course prepares students who are interested in welding and gives them a leg up on fellow students as it gives them the first course in a progression of the welding program at CT State. We have a group of students who are often left to their own devices to find their own path. This targets those students and helps them during their journey.

Secondly, this course hits 4 of the newly released industry recognized credentials for advanced manufacturing.

Thirdly, Career shortages: As seen in the latest CTDOL trends.

Finally this course helps SHS in the next gen accountability index: This works to improve indicators #5 and #6 by offering more concurrent enrollment courses, also by allowing more students to focus on a concentration by providing 2 or more CTE courses in a direct pathway.

Give a general overview of what this course will cover.

This course will advance students in the field of welding. It will be very technical in nature, provide a lot of seat time for welding experience and prepare students for a second semester of welding training at CT State college system.

This course will cover the following topics:

1. Oxyfuel Cutting
2. Flat position cladding (1C)
3. Horizontal position cladding (2C)
4. Vertical position cladding (3C)
5. Overhead position cladding (4C)

Who designed this course?	What, if any, special background/training would the teacher need to instruct this course successfully?
Nicholas Kosloski in conjunction with CT State curriculum and in person meetings with CT state welding instructors	Instructor would need PD at Asnuntuck to meet with their welding program. PD / seat time to hone and practice their welding skills.

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What, if any, implications does this course have on staffing, other curricular areas and or space?

Due to the technical nature of this course it will be very small class sizes (3-5 students) To combat this, This course would run concurrently with another one of our courses already offered. Eg, this course would run during a metalworking course, so the instructor can work with the metalworking students, but also have some of these students in the welding booths practicing their skills and preparing for the flat plat exams.

If run this way, it should have no implication on staffing or other areas of curriculum and or space.

Resources Needed for this Course:
Please list the materials/resources needed along with an estimated cost including PD.

Materials/Resources	Cost
Welding Rods	$300 yearly
Plate for welding	$200 yearly

Signatures below indicate that the course proposal has been discussed and feedback has been elicited on the proposal prior to completion. Interdisciplinary proposals require the signatures of members of all involved in those content areas/departments.

Signature	Content Area	Date
	TECH ED	9-30-25
	STEM IL	9/30/25
	Tech Ed	9/30/25
	CTE Tech Ed	9/30/25

[illegible]	@ Tech cd	[illegible] 10/1/25

Principal Signature: Date:

Superintendent Signature: Date: 10/8/25

Director of Curriculum Signature: Date:

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