


USW Local 884L Course Catalog 2025



**REGISTRATION
IS OPEN!**

**JOIN
NOW!!**



 (479)-647-6217

 vaughnbr0@gmail.com



3-D Printing Class:

3-4 Wks

This class introduces students to the fundamentals of 3D printing, covering both theory and hands-on application. Participants will learn the basics of additive manufacturing, including how 3D printers work, types of 3D printing technologies (FDM, SLA, etc.), and materials used. The course will also focus on 3D modeling basics using CAD software, file preparation, and troubleshooting common issues.

Thursdays - January 23rd to February 13th

Time: 5pm

Location: Local 884L Union Hall

Instructor:

Laser Engraving:

4 Wks

This class provides an introduction to laser engraving, focusing on the essential skills and techniques needed to create personalized designs on various materials. Participants will learn how laser engravers work, the types of materials that can be engraved (e.g., wood, acrylic, leather, metal), and safety protocols.

Thursdays - February 27th to March 13th

Time: 5pm

Location: Local 884L Union Hall

Instructor: Levi Roden

Spouse Participation:

Did you know in order for a spouse of an active steelworker to take a class, the active steelworker must have taken AND completed a class yearly BEFORE the spouse can register?

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How to Start a business:

1 Day

This is an introductory course that teaches the basics of starting ANY TYPE of business. The course will focus on licenses and permits required, taxation, expenses you can deduct, insurance, banking, records to keep and legal issues. After this class, you will clearly understand what is involved in starting a small business. SPOUSES ARE WELCOME TO ATTEND AT NO CHARGE!

Friday- March 7th

Time: 8am Location: Local 884L Union Hall

Instructor: Scott Williams

Business Planning I:

1 Day

This is an introductory course in developing a business plan that requires no previous knowledge of the business planning process. This course will provide you with the ability to learn what is involved in developing a plan for a successful small business. You will learn about an operational plan, personnel planning, and finally a marketing and financial plan. Spouses may attend at no cost. Planning is the key to any business venture.

Friday- March 14th

Time: 8am Location: Local 884L Union Hall

Instructor: Scott Williams

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Electro Pneumatics part I:

3-4 Wks

This class will introduce you to relay logics with learning how to read and draw ladder diagrams. You will be able to create simple circuits using a plug-and-play board.

Date: To be determined

Time: TBD Location: Local 884L Union Hall

Instructor: Brian Vaughn

Electro Pneumatics part II:

3-4 Wks

This class will introduce solenoid valves along with single and double acting air cylinders. You will be able to create pneumatic simple circuits and read pneumatic diagrams.

Date: To be determined

Time: TBD Location: Local 884L Union Hall

Instructor: Brian Vaughn

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Electro Pneumatics part III :

3-4 Wks

This class will introduce truth tables and PLCs. You will be able to program simple logic using inputs, outputs, timers, and counters. This will be the final class for the 3 part electro pneumatics course.

Date: To be determined

Time: TBD Location: Local 884L Union Hall

Instructor: Brian Vaughn

Welding :

TBD

This welding class introduces students to the fundamental skills, safety protocols, and techniques required for welding. The course covers shielded metal arc welding, also known as stick welding, suitable for heavy-duty and outdoor applications.

Date: Month of May

Time: TBD Location: Local 884L Union Hall

Instructor: Michael Wachtendorf

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Online Classes pg.5

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Online Classes pg.6

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Tuition Assistance pg.7


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