



## 2021 MANUFACTURING DAY PLANNING IS IN FULL SWING

MFG Day 2021 is fast approaching and since MFG Day 2020 was held a little differently we are in hopes that this year things will be back to normal, so let the preparation begin!

MFG Day is manufacturing's biggest annual opportunity to inspire the next generation about our industry and careers in modern manufacturing. To help industry leaders and MFG Day organizers move forward with MFG Day 2021 planning, the Manufacturing Institute—the organization behind MFG Day nationwide—brought together a webinar.



Amid a pandemic, historic unemployment, and major opportunity gaps, we know that MFG Day 2021 might be our most important one yet—to show more young people what's possible from a rewarding, fulfilling, and exciting modern manufacturing career.

On this webinar, we discuss:

- A background on MFG Day to jumpstart planning this year
- An overview of resources to help you get started

[Click Here to Watch the Webinar](#)

Launched annually on the first Friday in October with events that continue throughout the month, MFG Day helps show the reality of modern manufacturing careers by encouraging thousands of companies and educational institutions around the nation to open their doors to students, parents, teachers, and community leaders. MFG Day empowers manufacturers to come together to address their

collective challenges so they can help their communities and future generations thrive.

### 3D Manufacturing Plant Tours

If you would like to get involved in MFG DAY 2021 contact [marketing@atn.org](mailto:marketing@atn.org).

## ATN OFFERS JULY WORKSHOPS

Alabama Technology Network is offering three different workshops throughout the month of July.

ATN's workshops are pre-planned classes in which instruction is obtained personally or professionally, in the classroom or online. Below is the list of workshops currently available.

- OSHA 10HR. General Industry
- OSHA 30HR. General Industry
- Allen Bradley ControlLogix PLC Training - Intro

ALABAMA TECHNOLOGY NETWORK

# JULY WORKSHOPS 2021

**OSHA 10HR. GENERAL INDUSTRY**  
July 12 & 13 - Course provides an overview of OSHA's 29 CFR General Industry Standards & details the applicable Safety & Health regulations to the affected employees in a facility.

**OSHA 30HR. GENERAL INDUSTRY**  
July 12-15 - Course expands the scope of the 10hr. course & includes hands-on exercises on related topics. It's designed to increase employee & Supervisor knowledge of OSHA rules & regulations.

**ALLEN BRADLEY CONTROLLOGIX PLC TRAINING**  
July 26 - Course introduces programmable logic controllers (PLCs). It explains the components of a PLC system along with the basic instructions and how they are programmed.

FOR MORE INFORMATION OR TO REGISTER GO TO [WWW.ATN.ORG/WORKSHOPS](http://WWW.ATN.ORG/WORKSHOPS)

### Register Today!

If you are looking for company-wide training, our list of offerings can be found [here](#).



**ATN Employee Graduates from the ACCS Financial Leadership Academy**



**Introducing the MEP Workforce Database**

Alabama Technology Network

## Come See Us at TRADE SHOWS & Let's Get Connected

**Alabama Governor's Safety & Health Conference**  
August 30-Sep. 1 - Orange Beach, AL

**Manufacture Alabama Annual Fall Meeting**  
September 15-17 - Point Clear, AL

**Southern Automotive Conference**  
October 13-15 - Birmingham, AL

Alabama Technology Network is excited to exhibit at trade shows throughout the state. We will be adding more shows to our schedule as they are announced. Hope to see you there!

**Come See Us! ATN will be Exhibiting at Upcoming Conferences**

Team Update | June

The Environmental Health & Safety team is dedicated to providing reliable and constructive resources for your business and industry. We are staffed with personnel who have spent years in the industry, overseeing various aspects of EHS needs, researching best practices, and working directly with governmental agencies such as OSHA, ADEM, EPA, and others. We focus on customized training to meet your industry needs, and technical assistance to ensure compliance is not only met but often times exceeded.

At ATN we have resources to help you, either through classroom training and education or through technical assistance such as coaching and facilitating your needs with required forms and documentation. Knowing the regulations that apply to your facility is important for your business success, and we at ATN are here to support you.

As ATN's project specialists travel throughout the state, a trending concern for many companies is supply shortages and/or extending lead times. Some companies are being reactive by pushing lead times out to their customers and hoping they will still get the order, but other companies are proactively looking to mitigate this issue. ATN has been helping when we can. Our lean manufacturing staff is working to reduce internal "lead times" by reducing waste and shortening the time product stays in the facility. Other ATN projects have focused more on quality management system assistance, especially helping companies recognize supplier risks up-front and how to address these. Please do not hesitate to call us for assistance, as "Your success is our mission".

## **L&M** LEADERSHIP & MANAGEMENT DEVELOPMENT UPDATE

**Problem Solving:** Employees will explore techniques and skills for defining and discovering problems rather than symptoms - they will learn how to use the tools to manage a complex set of cognitive, physical, and environmental components; and how to view the function as a process.

**Problem Solving:** Involves using higher-order thinking skills to effectively handle and critically work out realistic solutions to problems.

**Critical Thinking:** Involves examining the meaning and significance of what is observed or expressed.

**Creative Thinking:** Involves exploring ideas, generating possibilities, and looking for many right answers rather than just one.

**Decision Making:**

- 1.) **Identify the issues** - Be clear about what the problem is
- 2.) **Understand everyone's interests** - It is important to take the perspective of all that is involved to generate the best solution.
- 3.) **List possible solutions** - Brainstorm and use creativity to come up with ideas on how to solve the problem.
- 4.) **Evaluate the options** - Consider the pros and cons for given solutions.
- 5.) **Select an option (or options)** - Determine what is the best option and provides the most balancing solution to the problem. Consider also whether several solutions

## **IM & T** INDUSTRIAL MAINTENANCE & TECHNOLOGY UPDATE

### **Allen-Bradley ControlLogix PLC**

This course introduces programmable logic controllers (PLCs). It explains the components of a PLC system along with the basic instructions and how they are programmed. Communication drivers, maintenance, and troubleshooting are also covered.

### **COURSE OBJECTIVES**

Upon completion of this course a student will be able to:

1. Identify a PLC system and its components
2. Program and interpret ladder logic instructions
3. Configure the communications drivers using RSLogix5000™ and RSLinx™
4. Use the programming software to monitor input and output devices
5. Understand the diagnostics provided by the programming software

Date: July 26-29, 2021

Time: From 8:00 am until 5:00 pm with 1-Hour Break for Lunch (Lunch will not be provided.)

Cost with IIA Discount: \$395 per person

Location: Bevill State Community College, Hamilton, AL 35570 - Health Science Building, Room K1

To register contact Brooke Waldrop (bwaldrop@atn.org)

could be combined.

6.) Document any agreements - if working in a group, note the agreement among members about solutions.

7.) Implement, monitor, and evaluate solutions

# Did You Know...

World Food Safety Day (WFSD) is being celebrated on Monday, June 7, 2021, and aims to draw attention and inspire to help prevent, detect, and manage foodborne risks, contributing to food security, human health, economic prosperity, agriculture, market access, tourism, and sustainable development.

Food safety is a shared responsibility between governments, producers, and consumers. Everyone has a role to play from farm to table to ensure the food we consume is safe and healthy. Food safety is everyone's business!

- Ensure It's Safe - Regulating bodies, such as the USDA and FDA, must provide regulatory guidance, oversight, and policies to ensure safe and nutritious food for all.
- Grow It Safe – Agricultural operators and food producers need to develop and implement good agricultural practices.
- Keep It Safe – Food manufacturers, distributors, transporters, restaurants, and retail establishments must have well-developed and implemented policies and procedures to process, transport, store, and prepare food that is safe.
- Know What's Safe – Consumers should be educated about what safe and healthy food is, including how to handle and prepare foods safely at home.
- Team Up for Food Safety – Food Safety shouldn't be proprietary! We all need to work together to share our best practices and educate consumers to make food safer.

[World Health Organization](#)

[ATN Website](#)

