

NC DIDI Webinar Summit



Innovating Today For a Better Tomorrow

The best defense is a good offense. That is especially true when it comes to being part of the supply chain in the defense industry. Being proactive within your organization will prepare you for any obstacles tomorrow may bring. This is why the North Carolina Defense Industry Diversification Initiative (NC DIDI) and NC State Industry Expansion Solutions is bringing you the NC DIDI Webinar Summit. This summit will provide you with the information, resources and outlooks needed to combat the unique challenges of today. Each webinar will feature a specific topic, facilitated by subject matter experts, to answer the questions that matter to you.

There is no charge to attend these events but registration is required. Upon registration, a link to join the webinar will be sent. Please bring your lunch and join us for one or all of our webinars.

Schedule of Webinars

Additive Manufacturing

September 1, 11:00 am–12:00 pm EST

We will discuss current resources available to manufacturers in NC around additive manufacturing which will include NC State Industry Expansion Solutions (IES) and First Flight Venture Center's Hangar6. We will also discuss workforce implications of shifting to additive manufacturing and hear from AmericaMakes (AM) on the work they have been doing in competency modeling and credential development at the national level. Guest speakers for this webinar include: Sam Dirani, shop manager for Hangar6 at First Flight Venture Center and Josh Cramer, education and workforce director for AmericaMakes.

Takeaways: Understand how and where to learn more about additive manufacturing (free resources) and explore a prototype project to see AM in action.

Webinar Dates:

- › **Additive Manufacturing**
September 1,
11:00 am–12:00 pm EST
- › **Cybersecurity**
September 8,
1:00 pm–2:00 pm EST
- › **Workforce Development**
September 15,
11:00 am–12:00 pm EST
- › **State of Defense**
Contracting in North Carolina/Outlook FY 2021
Webinar Agenda
September 22,
11:00 am–12:00 pm EST
- › **Leveraging Unmanned Aircraft Systems for Economic Growth**
September 24,
11:00 am–12:30 pm EST

Cybersecurity

September 8, 1:00 pm–2:00 pm EST

We will discuss why cybersecurity is important to the DoD supply chain and will continue to be a needed element of business continuity planning for all successful companies moving forward. The speaker for this event will be Chris Newborn, a member of the Department of Defense (DoD) Acquisitions, cybersecurity workforce and professor of technology (Cybersecurity Emphasis) at the Defense Acquisition University (DAU).

Takeaways: Current Defense Federal Acquisition Regulation Supplement (DFARS) Cybersecurity Requirements and Future Cybersecurity Maturity Model Certification (CMMC) requirements; what to expect and impact on DoD contractors and sub-contractors.

Workforce Development

September 15, 11:00 am–12:00 pm EST

This webinar will examine workforce development from two perspectives. First, Emily Nicholson of the Northeast Workforce Development Board will provide information on what workforce development boards do and how they can assist manufacturers. She will also examine workforce trends, including the effects of COVID-19 on the workforce in NC. Following that, Dr. Maureen Little of the NC Community College System and Dr. Pam Howze of Wake Technical Community College will speak about customized training, apprenticeship programs, and other credentialing programs.

Takeaways: (1) Understanding of how your local Workforce Development Board can provide assistance. (2) Increased awareness of community college offerings for current and future employees.

**State of Defense Contracting in North Carolina/
Outlook FY 2021 September 22, 11:00 am–12:00 pm EST**

We will discuss the current state of defense contracting

in North Carolina. The discussion will focus on challenges, opportunities and more. Projection of what the defense contracting landscape looks like for defense contractors in North Carolina in FY 2012 will be provided. Speakers for this event include KeAnne Hoeg, Mark Mills and Scott Dorney. KeAnne Hoeg is the manager of marketing and reporting at NC State IES. Mark Mills is the manager of business development at the North Carolina Military Business Center (NCMBC). Scott Dorney is the executive director of NCMBC.

Takeaways: Understanding the current landscape for defense contractors in North Carolina and strategies for identifying DoD contracting opportunities in FY 2021

Leveraging Unmanned Aircraft Systems for Economic Growth September 24, 11:00 am -12:30 pm EST

Rapid innovation in unmanned aircraft systems technologies (UAS) holds vast potential for transforming every aspect of defense operations. These new technologies offer enormous opportunities for companies that engage in designing, manufacturing and using UAS technologies for defense purposes. Business and industry experts will share insights on the current landscape for UAS development and innovation, opportunities for business growth through defense contracting and how companies large and small can capitalize on them. Speakers for this webinar include: Amanda Conner, aviation business development manager for the Division of Aviation at the NC Department of Transportation; Basil Yap, UAS program manager for the NC Department of Transportation, Mary Beth Fennell, strategic industry professional for the North Carolina Military Business Center; and Lawrence Williams, principal at Capture 10 and Robert Robinson, director of strategic initiatives at Emerging Technology Institute.

Takeaway: The participant will gain an understanding of the current state of unmanned aircraft systems technologies and related defense contracting opportunities.

NC STATE

Industry Expansion Solutions

Industry Expansion Solutions (IES) is the engineering-based, solutions-driven, client-focused extension unit of NC State's College of Engineering. Our broad portfolio and deep industry expertise help organizations grow, innovate and prosper. Our extensive partnerships with business, industry, education and government generate a unique culture of collaboration that provides access to cutting-edge expertise, research, and technology.