



ITS & New Mobility  
Communications  
MicroTraX

# ITS & New Mobility Communications MicroTraX



Estimated Hours

4



Number of Courses

4



Learning Type

Video-based learning is self-paced while allowing access to professionals in the industry.



Need Help?

Contact us at [support@thenexted.com](mailto:support@thenexted.com) to discuss this MicroTraX with an advisor.

# ITS & New Mobility Communications MicroTraX

What are the real promises of 5G, LTE V2X, and the real issues around its deployment and use in transportation? What does the 5G - or even 6G - deployment mean for dedicated short range (DSRC) communications technologies, products and services? This course will bring to light the various technology debates and research protocols already at play and ahead.

## COURSE OBJECTIVES

- What are the prominent emerging new mobility communications technologies?
- How is 5G, VTE, V2X and DSRC being used?
- What are the benefits of 5G for transportation?
- What are the technological and policy roadblocks?
- What do these technology debates mean for those trying to deploy intelligent transportation and new mobility systems?
- What skills are needed for the deployment of these communications systems?

## Prerequisites

There are no prerequisites for this MicroTraX.

## Are there discounts or payment plans? What if my employer is paying?

The NEXT Education does provide a government employee discount. Please contact us to receive a link to use with your registration to receive that discount. We do not present payment plans, however, we do accept most major credit cards. Should an employer be paying for the registration, please contact us.

## Learn From The Best In The Field



### Anthony Magnan

Head of Emerging Vehicle Technology, Verizon Wireless

Anthony Magnan has more than ten years of connected and autonomous wireless industry experience and is currently working as a 5G solutions engineer for Verizon wireless integrating 5G use cases and requirements into future vehicle platforms and Smart City initiatives. He is skilled in 5G, C-V2X, DSRC, CASPR, ArcGIS, and MATLAB. Anthony previously worked as a career planning engineer for Ford Motor Company as well as a cellular RF optimization engineer and LTE network design engineer. He has several years of experience in 3GPP radio systems, 3G and LTE cell planning and optimization, protocol stack, and system architecture. Anthony holds BS/MS engineering degrees from Lawrence Technological University. He is a contributing member of the Wi-Fi Alliance, IEEE Communication Society, and the Society of Automotive Engineers.

## Our Approach

The NEXT Education's platforms provide you and your teams with the knowledge and power to innovate and advance the development and deployment of the intelligent transportation and new mobility industries. We have partnered with organizations working in industries developing and advancing intelligent transportation and new mobility systems to offer credentials, certifications and CEU/PDH credits.

### MicrotraX Platform

Through a series of video-based and online live instruction, learning is delivered in a flexible, convenient and entertaining format. With knowledge check throughout the process, these self-paced programs allow you to advance your career whenever and wherever you are ready to learn.

### Video & Online Seminar Based Programs

The video and online learning model is both collaborative and flexible combining the best of self-paced and instructor-led learning.

### Real-World Projects

Real world projects and problems, proposed by subject matter experts in the field, give you the opportunities for hands-on, up-to-date skills by putting them into practice and creating a portfolio of work.

### Certification & Credentialing Programs

Our innovative certification and credentialing partnerships allow you to stay up to date but, more importantly, to gain valuable recognition to advance your interests and your career.



# The NEXT Education

## For the Change Agents. For the Curious. For the Innovators.

Intelligent transportation and new mobility systems are built on critical knowledge and deep problem-solving skills combined with a passion for creating a safer, accessible, equitable, sustainable and connected transportation infrastructure.

As connected and autonomous mobility and smart cities rapidly increase, so does the demand for knowledgeable leaders, certified and credentialed employees, and skilled workers. This requires consistent up-to-date information on new technologies and real-world experience to stay relevant in an increasing number of fields.

Subject matter experts in the field offers opportunities for hands-on, up-to-date skills by proposing field-inspired problems to solve as part of a course project. This puts their learning into practice and builds experience and a meaningful portfolio.

As part of The NEXT Education's educational offerings, our innovative certification and credentialing programs help students gain valuable recognition necessary to upskill and succeed in their careers. With credentialing and certification curriculum developed in strategic partnerships with industry leaders and insights for what's next weaved into our own instructor base you will be well-positioned to provide impactful insights in the workforce of today and tomorrow.

### Installers & Technicians

For installers and technicians who are seeking ways to upskill and equip themselves with the knowledge and expertise of today's advanced technology systems, The NEXT Education offers various tracks in autonomous and connected vehicles, and more.

### Engineers

Smart infrastructure, intelligent transportation and mobility communication advancements are becoming more and more of a reality in the mobility landscape. We have those offerings to help engineers get ahead of the curve.

### Leaders & Planners

For the next-generation mobility leaders and visionaries, The NEXT Education provides unique dialogue from industry experts in the public policy, transportation, automotive and emerging technology fields.

### Policy Makers

Understanding legislation, regulation, the administration of both and communicating the intersection of data, technology and transportation to the public is imperative.

If you have specific areas of interest, please contact us and we can guide you to other programs that suit your needs.

## Want to Help Others Be Agents of Change? Partner With Us!

We know that building and refining quality education programs starts with strong partnerships. THE NEXT Education is always looking for strategic partners to support and grow the potential for new immersive educational offerings. Together, The NEXT Education and our strategic partners map out the learning path and delivery options through highly customizable approaches. This nimble and agile approach allows educational opportunities for ever evolving skills and needs.