Delta-NTU Corporate Lab, jointly established by Nanyang Technological University, National Research Foundation and Delta Electronics, focuses on researching, developing and implementing the Cyber-Physical Systems (CPS) for Smart Manufacturing.
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<th>MODULES</th>
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| 1. Digitization for Enabling Cyber-Physical Production Systems | - Introduction of Cyber-Physical Systems (CPS) for Industry 4.0  
- Connectivity: digitization for integration in manufacturing, covering design principles and technologies for Industry 4.0 | |
- Modern software technologies including event-driven software for computation and communication over a distributed networks, modelling and simulation of systems and real-time systems and programming PLCs | |
- Knowledge of security and the latest vulnerability information | |
- Introduction of new knowledge of network and cyber innovations used to enhance ICS network security | |
| 5. Intelligence for Enabling Smart Shop Floor | - Introduction of Cyber-Physical Systems (CPS) for Industry 4.0  
- Shop floor automation for enterprise and facility to converge and perform in a cross-domain, dynamic interaction for intelligence | |
| 6. Analytics for Turning Data into Actionable Insights | - Introduction of Cyber-Physical Systems (CPS) for Industry 4.0  
- Effective data analytics that brings digitization and data collection for insights and information for business value | |
| 7. Enabling Data Acquisition and Analytics | - Effective data analytics that brings digitization and data collection for insights and information for business value  
- Connectivity: digitization for integration in manufacturing, covering design principles and technologies for Industry 4.0 | |
| 8. Analytics for Enabling Smart Shop Floor | - Effective data analytics that brings digitization and data collection for insights and information for business value  
- Shop floor automation for enterprise and facility to converge and perform in a cross-domain, dynamic interaction for intelligence | Intermediate |
| 9. Automation for Smart Manufacturing | - Modern software technologies including event-driven software for computation and communication over a distributed networks, modelling and simulation of systems and real-time systems and programming PLCs  
- Shop floor automation for enterprise and facility to converge and perform in a cross-domain, dynamic interaction for intelligence | Intermediate |

**Funding:**  
- SSG SkillsFuture Series courses - 70% fee subsidy available for SC/SPRs and up to 90% fee subsidy for MCES and ETSS scheme.  
- SkillsFuture Credit  
- NTU Alumni Course Credit