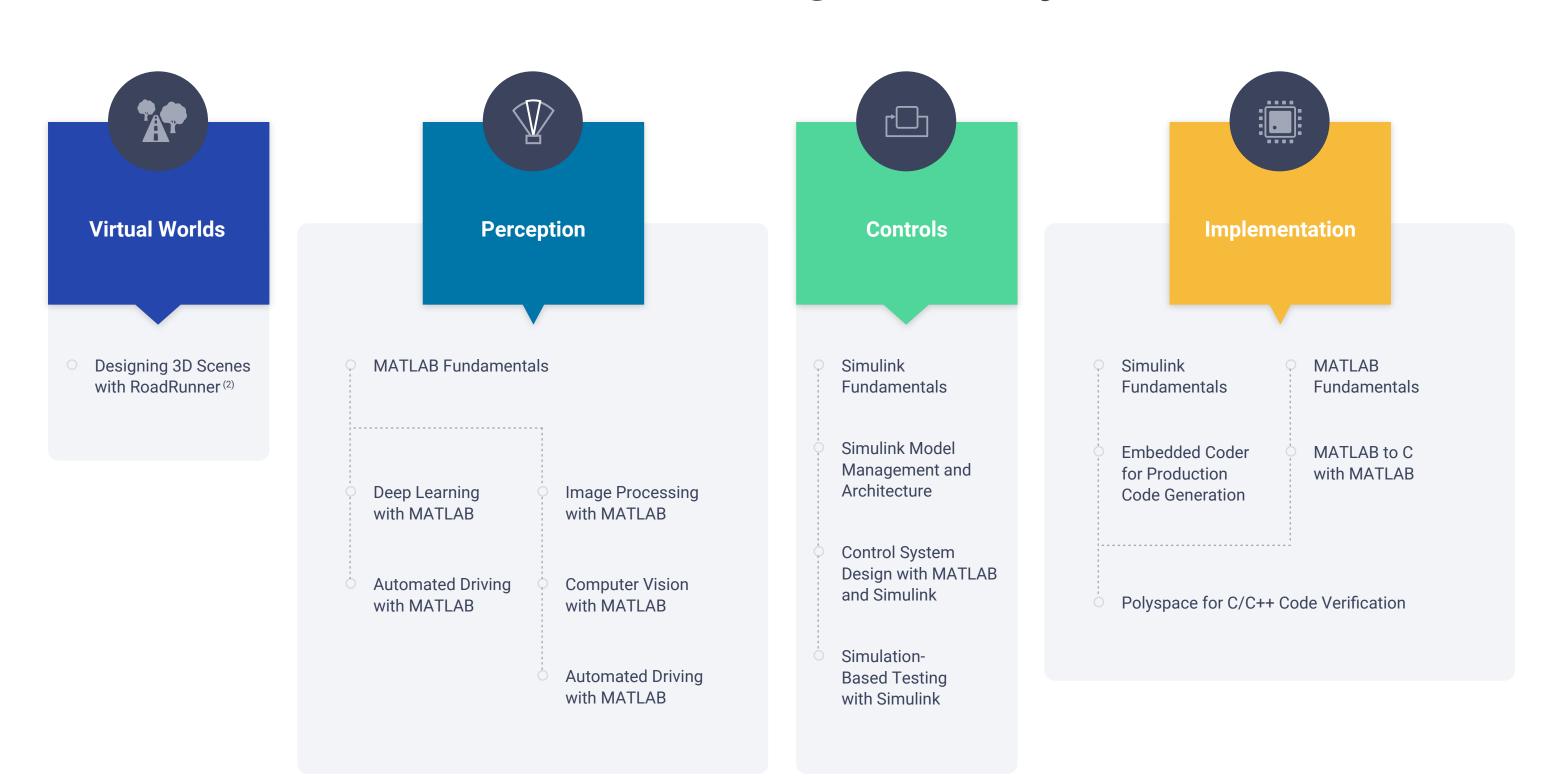
ADAS Training Pathways



Functional Safety Training Pathways



Electrification Training Pathways



System Architect

- MATLAB Onramp (1) and Simulink Fundamentals
- System Composer for Architecture Modeling
- Simulink Model Management and Architecture



Battery Designer

- MATLAB Onramp (1) and Simulink Fundamentals
- Stateflow for Logic Driven System Modeling
- Simulink Model Management and Architecture
- Modeling Physical Systems with Simscape
- Battery Modeling and Algorithm Development with Simulink
- Real-Time Testing with Simulink Real-Time and Speedgoat Hardware



Power Systems Engineer

- MATLAB Onramp (1) and Simulink Fundamentals
- Simulink Model
 Management and
 Architecture
- Modeling Physical Systems with Simscape
- Power Electronics Control Design with Simulink and Simscape
- Modeling Electrical Power Systems with Simscape
- Real-Time Testing with Simulink Real-Time and Speedgoat Hardware



Test Engineer

- MATLAB Onramp (1) and Simulink Fundamentals
- Simulation-Based Testing with Simulink
- Simulink Model Management and Architecture
- Polyspace for C/C++ Code Verification
- Real-Time Testing with Simulink Real-Time and Speedgoat Hardware



Software Integrator

- MATLAB Onramp (1) and Simulink Fundamentals
- Embedded Coder for Production Code Generation
- Integrating C Code with Simulink
- MATLAB to C with MATLAB Coder
- Polyspace for C/C++ Code Verification



Data Analyst

- MATLAB Fundamentals
- Signal
 Preprocessing and
 Feature Extraction
 for Data Analytics
 with MATLAB
- Predictive Maintenance with MATLAB
- MATLAB to C with MATLAB Coder