

US314

S4, S4C, S4C+ Expert Programming

This course is designed for students who have successfully completed our S4 Advanced Robot Programming class and who need a greater depth of knowledge. The course provides instruction in high level programming features and techniques.



Topics include

- Multitasking programming techniques
- Creating Instructions, Functions, and Data
- Serial communication capabilities
- LoadId and Collision detection
- Advanced program displacement
- World Zones
- And more

Course objectives

After successfully completing the course, the participant should be able to:

- Create Background tasks
- Create custom instruction
- Create custom functions
- Create custom data types
- Transfer information via serial channel
- Setup LoadId and Collision detection
- Manipulate data values
- Perform Robot tuning
- Defines zones for monitoring
- 3 Dimensional Frame Displacements

Student profile

This course is intended for students that have attended the US313 S4 Advanced Programming course but require greater knowledge of programming features.

- Suitable for system programmers or technicians with existing/ developed programming skills

Prerequisites

Students must have attended US313 within the last twelve months.

Duration

The course duration is 4.5 days

Customer Service – Robotics

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