This course is designed for students who have successfully completed our S4 Programming I (US312) class and need a greater depth of knowledge. The course provides a brief review of S4 Programming I and then leads to instruction in S4 Programming II features and techniques for S4, S4C and S4C+ robots.

Topics include
- Review of basic programming procedures
- Program creation procedures
- Program modification techniques
- Advanced programming instructions and uses

Course objectives
After successfully completing the course, the participant should be able to program and use:
- The search instruction
- Position displacement instructions
- Error handling instructions
- The interrupt instructions
- Joint configuration instructions
- Communicating instructions
- Motion control instructions
- Advanced logic instruction

Prerequisites
S4 Programming I class (US312)

Duration
Course duration is 4.5 days.

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