

EPSON Robots Training Schedule July - December, 2011

October						
Su	M	Tu	W	Th	F	Sa
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2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

2011 09/13

Epson RC+ Robot Programming and Vision Guide Combination Courses featuring SPEL+ Language*

- 1 RC620+ Controller
- 2 RC180/RC170/RC90 Controller
- 3 RC520/RC420 Controller

Robot / Controller Maintenance and Tech Programming Combination Courses*

- 4 Six Axis Robot Maintenance C3, PS - Please specify robot model
- 5 G, RS, EZ Series with RC620+ /RC180/RC170 Controller
- 6 E2. EZ Series with RC520/RC420 Controller

- 1 **SPEL+ Language Programming & Vision Guide**
Oct 10 - 12 : Six Axis & SCARA Language; Oct 13 - 14 : Vision
- 2 **SPEL+ Language Programming & Vision Guide**
Nov 14 - 16 : Six Axis & SCARA Language; Nov 17 - 18 : Vision
- 1 **SPEL+ Language Programming & Vision Guide**
Dec 12 - 14 : Six Axis & SCARA Language; Dec 15 - 16 : Vision

- 5 **SCARA Robot Maintenance & Technician Programming**
Oct 18 - 20 : Robot Maintenance; Oct 20 - 21 : Tech Programming
- 5 **SCARA Robot Maintenance & Technician Programming**
Dec 6 - 8 : Robot Maintenance; Dec 8 - 9 : Tech Programming

All classes are offered in combination format. Robot Programming and Robot Maintenance classes may be selected individually during registration.

- 1 2 3

Robot Programming & Vision Guide Combination SPEL+

(Classes start on Monday 09:00, Friday's session ends at 3:00 PM)

Ver. 4.x RC520/RC420
Ver. 5.x RC180/RC170/RC90
Ver. 6.x RC620+

Features 18 labs encompassing SPEL+ and Vision Guide Combo - This combination course offers 2 classes in a 1 week time frame. SPEL+ language and Vision Guide programming. 6 axis robot programming courses cover 3D articulated motion commands.

[RC+ Programming Course](#) [Vision Guide Course](#)

Robot Programming: Monday - Wednesday

9:00 - 5:00pm*

SCARA: G, RS, LS; Six Axis: C3, PS; Linear Modules: EZ. (During registration: Please specify robot & controller model fields.)

Vision Guide : Thursday - Friday

Thur: 9:00 - 5:00pm Fri: 9:00 - 3:00pm

*Classroom times may vary after first day.

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SCARA Robot Maintenance & Technician Programming

(Classes start on Tuesday 09:00, Friday's session ends 12:00 Noon)

Ver. 4.x RC520/RC420
Ver. 5.x RC180/RC170
Ver. 6.x RC620+

Robot Electrical/Mechanical Maintenance and Technician Programming Combo - 3.5 days (During registration: Please specify robot & controller model fields.)

[SCARA Robot Maintenance Course](#) [Technician Programming Course](#)

Robot / Controller Maintenance Course 2.5 days includes complete robot disassembly and assembly including harmonic drives. Operational level programming is covered along with preventive maintenance, encoders (absolute) robot calibration, and configuration management. Controller and component test/identification replacement procedures. Final day covers detailed troubleshooting labs and spare parts review.

Technician Programming Course - 1 day focuses on specific remote IO commands and associated configuration, basic control flow, software maintenance, tool offsets, optimizing motion and optional user topic available.

Robot / Controller Maintenance: Tuesday thru Thursday

9:00 - 5:00pm* Thursday Finishes at Noon

SCARA Robot: G, RS, E2; Linear Modules: EZ (During registration: Please specify robot & controller model fields.)

Technician Programming: Thursday - Friday

Thursday starts 1:00pm Fri: 8:00 till Noon

*Classroom times may vary after first day.

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Six Axis Robot Maintenance & Technician Programming

(Classes normally start on Tuesdays at 09:00, Friday's session ends at 4:00 PM) (Please Check schedule, some classes may start on Monday, ending on Thursday)

Ver. 4.x RC520
Ver. 5.x RC170
Ver. 6.x RC620+

Six Axis Electrical/Mechanical Maintenance and Technician Programming Combo - 4.0 days (During registration: Please specify robot & controller model fields.)

[Six Axis Robot Maintenance Course](#) [Technician Programming Course](#)

Robot / Controller Maintenance Course 3.0 days includes complete robot disassembly and assembly including harmonic drives. Operational level programming is covered along with preventive maintenance, encoders (absolute) robot calibration, and configuration management. Controller and component test/identification replacement procedures. Final day covers detailed troubleshooting labs and spare parts review.

Technician Programming Course - 1 day focuses on specific remote IO commands and associated configuration, basic control flow, software maintenance, tool offsets, optimizing motion and optional user topic available.

Robot / Controller Maintenance: (Check Schedule)

9:00 - 5:00pm*

Six Axis Robot: PS, C3 (During registration: Please specify robot & controller model fields.)

Technician Programming Course: (Check Schedule)

8:00 - 4:00pm

*Classroom times may vary after first day.