



## CRX Operation and Programming - basic

In this course, you will learn how the cobot is structured, how to move the cobot using different coordinate systems, create and modify programs with both motion and logic, and how to save the system using simple data backups. This is an basic course for robot operators, programmers and maintenance engineers with none or small experience of FANUC robots.

<b>Target group</b>	Robot operators, programmers and maintenance engineers with none or small experience of FANUC robots.
<b>Objectives</b>	After completed course the participant should be able to: <ul style="list-style-type: none"><li>• Manually move the robot using the Tablet Teach Pendant in a safety way</li><li>• Know how to create a simple robot program and run it (manually and auto).</li><li>• Have a better understanding how to modify existing programs</li><li>• Have basic knowledge of the menus in the Tablet Teach Pendant</li><li>• Have a better understanding of the cobot's construction, features and capabilities</li></ul>
<b>Course Content</b>	<ul style="list-style-type: none"><li>• Safety around the cobot and handling the robot in a safe way.</li><li>• General review of the cobot and its components.</li><li>• General description of how the cobot works and its coordinate system.</li><li>• Review of the Tablet Teach Pendant options, menus and functions.</li><li>• Basic knowledge of programming.</li><li>• Position storage.</li><li>• Modification of existing positions in a program.</li><li>• Use of different moving functions (axis by axis, linear and circular).</li><li>• How to define and use Tool Frame and User Frame.</li><li>• Practical exercises to enhance understanding.</li><li>• How to store backups and load existing backups.</li></ul>
<b>Pre-requisites</b>	None
<b>Language</b>	Courses are presented in local language when appropriate (Swedish, Danish, Finnish) - otherwise courses are held in English. Course material is in English.
<b>Location</b>	FANUC office in Sweden (Malmö or Sollentuna) or Finland (Vantaa).
<b>Duration and dates</b>	Course duration: 2.5 days. Please check scheduled dates on our website.
<b>Training materials</b>	<ul style="list-style-type: none"><li>• Printed training material.</li><li>• Useful PDF manuals.</li></ul>
<b>Additional information</b>	The customer is also expected to arrange their own transport, hotel and evening meals for the duration of their training. Lunch included each full day of the course.

**Book your course through our website: [www.fanuc-academy.se](http://www.fanuc-academy.se)  
or send your booking request to [academy@fanuc.se](mailto:academy@fanuc.se).**

No discounts or free training places are available unless previously discussed with the customer service manager.