

## FD Tooling Setup

Course Length: 1 day

<b><i>Course Synopsis:</i></b>	<p>This course will familiarize the students with the skills to effectively setup the tooling on a Nachi robot arm using an FD controller. To insure sufficient hands-on experience and encourage instructor / trainee discussion, Nachi recommends a maximum class size of six (6) trainees. Performance objectives will be met utilizing a combination of 50% classroom lectures and 50% hands-on lab projects, dependant upon the skill level of the students as a group.</p> <p>* Tooling Setup is included in the 5 Day FD OP Class</p>
<b><i>Who Should Attend:</i></b>	<p>This course is intended for production workers, skilled tradesmen, engineering personnel, and workers whose responsibilities include operation, programming, program modifications, and repair or maintenance of the FD Controller and robot arm.</p>
<b><i>Prerequisites:</i></b>	<p>Trainees scheduled for this course should have completed a basic robot course or have equivalent industrial manufacturing work experience.</p>
<b><i>What You Will Learn:</i></b>	<ul style="list-style-type: none"> <li>• Robot Safety</li> <li>• Safety Devices</li> <li>• Online HELP Message Review</li> <li>• Tool Center Point (TCP) Setup</li> <li>• Tool Angle Setup</li> <li>• Tool Weight and C of G Setup</li> <li>• Tool Inertia Setup</li> <li>• User Coordinate Setup</li> <li>• Soft Limits Setup and Recovery</li> </ul>
<b><i>Time:</i></b>	<p>Class time is 7:30 a.m. – 3:30 p.m. Breaks are scheduled throughout the day and lunch will be provided at roughly 11:30 a.m.</p>
<b><i>Course Materials:</i></b>	<p>Course materials are provided by the instructor. We may change or alter course topics to best suit the classroom situation.</p>
<b><i>Locations:</i></b>	<p>The Nachi Training Center is located in Novi, Michigan. Courses can also be conducted at our customer's facility upon request, please contact us for special pricing information.</p>
<b><i>Related Courses:</i></b>	<p>FD Electrical Maintenance Course</p>
<b><i>Registration:</i></b>	<p>Courses are scheduled in accordance to customer requests and requirements. Please visit our web site <a href="http://www.nachirobotics.com">www.nachirobotics.com</a> or call (248) 305-6545 ext: 303 for pricing and availability.</p>

**\*Students must wear proper attire – long pants, leather shoes, and safety glasses recommended**