

# FD Servo Gun Setup

Course Length: 2 days

<b><i>Course Synopsis:</i></b>	This course will familiarize the students with the skills to effectively program, operate and maintain the FD Servo Gun. 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.
<b><i>Who Should Attend:</i></b>	This course is intended for production workers, skilled tradesmen, and engineering personnel whose responsibilities include operation, programming, program modifications, and maintenance of the Nachi robot Servo Gun.
<b><i>Prerequisites:</i></b>	Trainees scheduled for this course should have completed the Nachi AW Operation Programming course. Prior weld controller programming and troubleshooting experience are helpful.
<b><i>What You Will Learn:</i></b>	<ul style="list-style-type: none"> <li>• Robot Safety</li> <li>• Servo Gun System Overview</li> <li>• Description and Operation</li> <li>• Constant Setting Selections</li> <li>• Setup Menus</li> <li>• Pressure / Force Correction</li> <li>• Gun Tip Consumption</li> <li>• Auto Tip Dress Application</li> <li>• Gun Lock Feature</li> <li>• Manual Operation</li> <li>• Servo Gun Monitor</li> <li>• Auto Consumption Correction</li> <li>• Diagnostic Error Codes</li> <li>• Troubleshooting</li> </ul>
<b><i>Time:</i></b>	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.
<b><i>Course Materials:</i></b>	Course materials are provided by the instructor. We may change or alter course topics to best suit the classroom situation.
<b><i>Locations:</i></b>	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.
<b><i>Related Courses:</i></b>	FD Electrical Maintenance Course, FD Operations and Setup, FD Systems
<b><i>Registration:</i></b>	Courses are scheduled in accordance to customer requests and requirements. Please visit our website <a href="http://www.nachirobotics.com">www.nachirobotics.com</a> or call (248) 305-6545 for pricing and availability.

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