MotoHawk Training Class

New Eagle — CONTROL SYSTEM SOLUTIONS

Location and Time

New Eagle
5840 Interface Drive, Suite #300
Ann Arbor, MI 48103   734-929-4557   [click here for map]

Class starts promptly at **8:00am** and ends shortly after **5pm**, each day.

Class Agenda

Day 1
Basics of Simulink and MotoHawk
Simulink Model
Build and Flash First Model – Kit Setup
Basics of MotoTune
RTI Triggers and Multi-Rate Subsystems
Analog I/O
Calibrations, Probes, and Overrides
Throttle Project

Day 2
Faults Management
Throttle Project W/ Faults
Data Storage
Throttle Project with Data Storage
Anatomy of a CAN Message
CAN / Packing
CAN Based Throttle Project

Day 3
Encoder Blocks and Pseudo Encoder
Crank and Cam Inputs
Fuel Injection and Spark Blocks
Throttle Project with Fuel Injection
Control Primitives and Application Specific Libraries
Base Engine Controller
Components
AutoDoc Introduction

Accommodation/Meals

New Eagle provides a continental breakfast and lunch all three days. The recommended hotel is Weber's Inn - http://www.webersinn.com/hotel . Mention New Eagle and you will receive a discounted rate.

MotoHawk Training Resources

MotoHawk Information (Wiki):   [click here]   **MotoHawk Resource Documents:** [click here]

Signing-up Online

[click here]

Software Requirements

MATLAB and Simulink will be installed during your first class. You must come to class with a previously created MathWorks account (free from MathWorks.com). A 15-day demo license will be provided. See the Software Requirements page: [click here]

Further Questions?

If you have any additional questions, contact a New Eagle representative at support@neweagle.net or call **734-929-4557.**