**Title**

Stateflow® Workshop

**Overview**

The Stateflow Workshop is a 3-4 hour hands-on tutorial of Stateflow.

**Structure**

* During the workshop, each attendee follows along with the presenter in creating a Stateflow chart from scratch and then building upon and improving that chart throughout the session.
* Many Stateflow semantic features are introduced during the workshop, including
  + States
  + Transitions
  + Conditions
  + Truth tables
  + Embedded MATLAB™ functions
  + Concurrency
  + Hierarchy
* No Stateflow experience is assumed or necessary.

**Benefits**

* Learn the fundamentals of Stateflow through hands-on instruction from a product expert.
* Learn how Stateflow is used for the following applications:
  + Scheduling
  + Fault management
  + Supervisory logic

**Workshop Checklist**

This is a checklist of things that must be done prior to the day of the workshop:

* Bring your own laptop or workstation; this workshop is a hands-on event that will allow you to build the models with the instructor. Sharing is OK, but no more than 2 per station.
* Demos were created on computers running Windows. Some elements of the workshop will work differently in other operating systems. If using a non-Windows operating system, please let The MathWorks™ know as soon as possible before the date of the scheduled workshop.
* Ensure that your machine has a C-Compiler. Windows versions of MATLAB® ship with a free LCC compiler.
* Workstations should be running the most current version of MATLAB. Contact your MathWorks account representative for a trial version. If you have a license already, please be sure that you have, at a minimum, the following: MATLAB, Simulink®, Stateflow, Aerospace Toolbox, Aerospace Blockset™, Simscape™, and Gauges Blockset™ (Windows only).
* All software needs to be installed prior to the class. Installing the necessary products takes up a non-trivial amount of time. Attendees need to be ready to hit the ground running.