



**HFO - Anaheim**  
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A Division of Machining Time Savers, Inc.

## Operation and programming class description

Our beginner to intermediate Mill and Lathe courses offer an introduction to the operation and programming of the easy-to-learn & use Haas Control. Students will learn control operation, set-up and programming. At the end of the third day, students will be given a final course test. In case a student fails to pass this test, they will be given do-over opportunity to pass the next day (Friday) after a review.

### Course Outline

- Day one
  - Introduction
  - G & M-codes
  - Blue print reading
  - Control overview
    - edit modes, hand jog and offset usage
  - Offset and G-code review
  - Programming with G-code
    - Drilling and boring canned cycles
  
- Day two
  - Control review
  - Canned cycle review
  - Create code from print
  - Set up and run part
  - Programming with G-code
    - Linear and Circular interpolation & cutter compensation
  
- Day Three
  - Linear and Circular interpolation review
  - Cutter compensation review
  - Drilling and canned cycle review
  - Alarm trouble shooting
  - Set-up and run final test program
  - Final course test

For questions, please email [applications@mtscnc.com](mailto:applications@mtscnc.com)  
Course details, features and options may change without notice  
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