



COURSE DESCRIPTION

The Advanced TruTops Punch Programming course is intended for the ultimate application of sophisticated TRUMPF punch capabilities utilizing the TruTops Punch Software. It is intended for customers adept with TRUMPF punch machine operation. The customer has the option of choosing any area of emphasis, either for advanced applications of machine capabilities or in-depth programming. Upon completion of this course, the students will be able to maximize TRUMPF punch machine performance and material processing capabilities with greater productivity.

TARGET AUDIENCE

Customers interested in advanced programming techniques for the TRUMPF punch machine.

PREREQUISITES

Minimum of one (1) year of using the TruTops Punch software. Basic PC skills are a must. Basic blueprint-reading skills are recommended. Fundamental drawing skills using a CAD package and NC programming knowledge are a plus.

COURSE DURATION

3 days

OBJECTIVES

- Apply advanced TruTops Punch techniques to maximize the software programming capabilities.
- Customizing the TruTops Punch initialization file

TRUMPF



Training Department
c/o TRUMPF, Inc.
111 Hyde Road
Farmington, CT 06032

Contact Kathy Coco at 860-255-6068
training@us.trumpf.com

COURSE OUTLINE

- ISO code
- TRUMPF NC Code Programming Manual
 - Master files
 - NC programming functions
 - G code
 - Path information/feed
- Samples of NC code programs
- Punch processing cycles:
 - TC_PUNCH_ON
 - TC_PUNCH_OFF
 - TC_WAIT
 - TC_SHEET_THICK
 - TC_PUNCHCORR_ON
 - TC_PUNCHCORR_OFF
 - TC_POS_LEVEL
- Sheet handling cycles:
 - TC_SHEET_TECH
 - TC_SHEET_LOAD
 - TC_SHEETPOS_RELOAD
 - TC_SHEET_MEASURE
- Sheet measuring cycles:
 - Probe settings
 - Probe calibration
 - TC_SHEET_MEASURE and sheet measuring table parameters
- Running manual NC programs at the machine

CUSTOMER SERVICES

COURSE OUTLINE