

Beginning Mastercam®2023

88 Hrs

Choose In-Person or via ZOOM

This class will cover the basics and highlight the new functionality of Mastercam 2023 and will point out the differences between older versions and the new Mastercam 2023. Students will learn programming, toolpaths, and many other features and benefits of the power of the Newly-Released Mastercam 2023.

New Training Topics to Include:

- A hands on over view of the basics of using Mastercam to draw and program basic parts
- All new dynamic toolpaths with better control of Tool Engagement
- A real look at how to handle model files from outside CAD systems and program them
- Introduction to solids and new enhancements design tools added (Model Prep)
- How to bring your part in and use the WCS efficiently to program your part
- Intro into the new configurations and layout of the new system (All New feel and look)
- Intro to the proper use of tools and holders, along with use of tool libraries
- Learn the appropriate use of Stock Models
- With Mastercam's new 2023 release, we will take you through the new tools and enhancements.

Objective:

Upon completion of this class students should be able to perform basic 2D work, including 3d basic modeling and toolpathing for VMC and HMC mills using Mastercam 2023. Should be able to bring in a CAD model from an outside source and get ready to path.

Prerequisites:

- Basic computer skills
- Two (2) years of machine shop experience
- If the course is online, each participant must have access to a Windows computer, either a desktop or laptop, (no shared computer with other participants) and a reliable internet connection. Familiarity with computers is assumed (creating, downloading, and saving files, etc.).

COVID Requirements: For in-person classes, all participants must wear a mask when in the classroom, and must either have proof of vaccination or a weekly negative COVID test.

ETI instructor Jayson Kramer has been working in the manufacturing industry for more than 30 years. He has been a CAD/CAM programmer with Mastercam for over 25 years, and is a Certified Mastercam Instructor. Jayson has had his own CAD/CAM programming business since 1994. He has been teaching Mastercam programming at different technical schools and colleges since 2000. Currently, he is employed by Mastercam as a Senior Quality Control Specialist.

**Employment Training Panel (ETP) State Funded Training*: \$350.00 per eligible employee
Non-ETP COST: \$2,638.00**

WHEN:
Tuesdays

April 4, 2023 – September 5, 2023
No class July 4, 2023
4:30 pm – 8:30 pm

WHERE:
Via Zoom
OR

Canyon Country Campus

For more information or to register, please contact Jocey Hogan at 661.362.5657 or jocey.hogan@canyons.edu

*For employees of eligible employers. Employees are not considered registered until all paperwork is received, the participant fee, per trainee, has been paid to the Santa Clarita Community College District and the Employment Training Panel has determined eligibility. State subsidy is contingent upon the trainee completing all the Employment Training panel requirements. Please contact the Employee Training Institute, 661.362.5657, for details on eligibility requirements.