

SOLID EDGE



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MOLD TOOLING DESIGN

Course code TR01420

The Solid Edge Mold Tooling Design class will focus on making the novice user aware of the potential uses of the Solid Edge Mold Tooling product to incorporate a designed part into an industry standard mold base. The focus of this course is on the skills and concepts central to the use of Solid Edge Mold Tooling Product.

Students will have learned how to utilize Solid Edge Mold Tooling to orient a part in a mold base, define the parting line for the mold, place runners, cooling circuits, injectors, ejectors, and slides. Mold plate selection can be custom or come from industry standard catalogs.

WHO SHOULD ATTEND

This course is intended for:

- Users who want to learn about the tools that the Solid Edge product provides for Mold Tooling Design

USER LEVEL

Intermediate

PREREQUISITES

Intermediate

- Completion of the Solid Edge tutorials and mold tooling tutorials delivered with the product
- Know the processes and techniques involved in plastic mold design
- Completion of the Solid Edge tutorials delivered with the product
- Lack of mold design experience is very difficult to overcome in the classroom. Students who lack this experience should realize the impact it will have on their learning experience.

PRIMARY COURSE TOPICS

- Injection molding overview
- Setting up a mold tooling project

- Parting zone creation and editing
- Core and cavity insert patterning
- Mold base creation
- Adding mold base components
- Using configurations
- Injection channels, coldwells and gates
- Adding ejectors and standard mold tooling components
- Creating cooling channels
- Adding splitter objects

PROVIDED COURSE MATERIALS

- Student Guide
- Workbook

REQUIRED LICENSES

N/A