

RAPID TOOLING – A 2 DAY COURSE

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AIM HIGHER
CONSORTIUM

Schedule

- Day 1:

- 8:00 - 8:30 AM

Arrival and Breakfast

- 8:30 - 9:00 AM

Introductions

- 9:00 - 9:30 AM

RMU Learning Factory Tour

- 10:30 - 11:30 AM

introduction to Rapid Tooling

- 11:30 AM - 12:30 PM

Lunch Break

- 12:30 – 2:30 PM

Solid Modeling Basics/Refresher, HW



- 2:30 – 3: 00 PM

3D Printing Preprocessing: STL, OBJ, and other intermediate data formats, HW



- HW: Homework

Schedule


- Day 2:

- 8:00 - 8:30 AM
- 8:30 - 9:30 AM
- 9:30 - 10:15 AM
- 10:15 - 10:45 AM
- 10:45 - 11:30 AM
- 11:30 AM - 12:30 PM
- 12:30 - 1:15 PM
- 1:15 - 1:45 PM
- 1:45 - 3:00 PM

Arrival and Breakfast Discussion of Previous HW

Direct Rapid Tooling and Use Cases

Printing Injection Molding Inserts with Stereolithography 


Injection Molding Test Run 

Printing Sand Molds/Cores for Sand Casting?

Lunch Break

Indirect Rapid Tooling and Use Cases

Room Temperature Vulcanization (RTV) Mold Making and Molding 

Other Forms Rapid Tooling: Jigs and Fixtures, Cutting Tools etc. 

- HW: Homework

*: Certificates will be mailed to the participants after they take an ONLINE exam? Or at the conclusion of the workshop.