

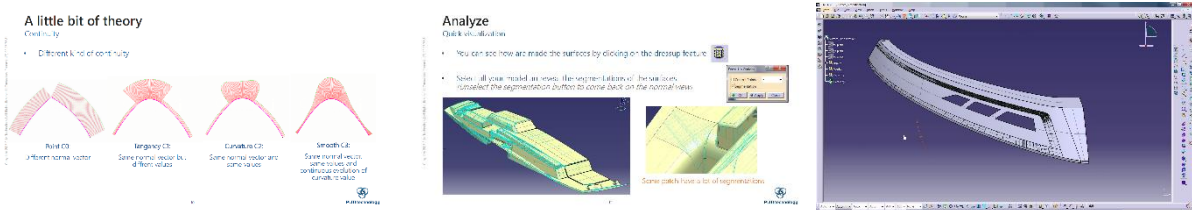
CATIA Hull Reconstruction course (2 days): Learn the methodology to repair bad shapes in CATIA GSD

Introduction:

This course is specific to surface reconstruction. It's perfect for advanced CAD and CAE-Engineers who are looking to repair surfaces with damages (bumps, holes, overlaps, etc.). You'll get an introduction of repairing boat's hulls using GSD, Freestyle and Healing assistant workbenches.

After 2 days, you will know best-practices for how to import files from other software, analyze and repair bad shapes and simplify the geometry.

We will also work together to help you answering your questions about your own projects.



Day 1

Morning (9:00-12:00): CATIA Hull reconstruction – Presentation (problem, theory and cases); CATIA Hull reconstruction – Methodology (Import, check and clean data)

Afternoon (13:00-17:00): CATIA Hull reconstruction – Methodology (Analyze the shapes, detect holes and overlaps); CATIA Hull reconstruction – Methodology (repair surfaces);

Day 2

Morning (9:00-12:00): CATIA Hull reconstruction – Methodology (simplify the geometry, remove fillets).

Afternoon (13:00-17:00): CATIA Hull reconstruction – Exercise (repair bad shapes); Debriefing (Questions, project case, other functionalities in CATIA, presentation of advanced meshing tool training)