

CGT 163 Final Project – Spring Semester 2017

Final Project Naming Conventions

XXFPXX (project root directory)

- File names are REQUIRED to be UPPERCASE and use the following directory & naming conventions:
- CATIA (sub-directory)
 - One product (assembly file [.CATProduct])
 - XXFPYY
 - XX = lab #
 - FP = FINAL PROJECT
 - YY = SEAT NUMBER
 - Five or more models (part files [.CATPart])
 - XXFPYYZZ
 - XX = lab #
 - FP = FINAL PROJECT
 - YY = SEAT NUMBER
 - ZZ = 01, 02, 03, 04, 05...etc. – individual part files (minimum 5 parts)
 - One full section or exploded view of the Product (drawing file [.CATDrawing])
 - XXFPYYZZ
 - XX = lab #
 - FP = FINAL PROJECT
 - YY = SEAT NUMBER
 - ZZ = ...etc. – individual drawing file number starts from the last part number above
 - One multi-view drawing of the most complicated part (drawing file [.CATDrawing])
 - XXFPYYZZ
 - XX = lab #
 - FP = FINAL PROJECT
 - YY = SEAT NUMBER
 - ZZ = ...etc. – individual drawing file number starts from the full/exploded drawing above
- META (sub folder)
 - Scanned file of P01
 - Scanned file of P02

Final Project Grading Rubric Conventions

Total points: 100

- Fully constrained CATIA Product (Assembly) File (**15** points)
- Complexity & detail (**25** points) – Refers to the attention to detail in modeling the individual parts. This includes part naming conventions, naming of features in the Specification Tree, fully constrained sketches.
- Minimum of five (5) parts (**30** points) – The project is REQUIRED to have a minimum of five, non-standard hardware (fasteners).
- Realism (**10** points) – Refers to the comparison of your product to the actual product. This includes correct sizes, colors, and material properties.
- CATIA drawings (**20** POINTS)
 - Either one full section or exploded section view of the product.
 - One multi-view drawing of the most complicated part of the product.