

Online Stereotomy Course Breakdown

Each stage of the online stereotomy course is broken down into folders titled 'step'. Each step is then further broken down into folders titled 'task'. Each task contains an instructional how-to video, a step-by-step handout detailing the stereotomical drawing process, 3 - 4 Answer folders (to show course expectations), a SketchUp file, and an AutoCAD file.

Stage 1 Breakdown - 4-month deadline (40 hours of coursework)

- Step 1
 - Task #1 – Introduction
 - Task #2 – First Drafting Assignment
- Step 2
 - Task #1 - The study of a King Post Truss
 - Task #2 – First paper net Raccord project
 - Task #3 - All about the hip
- Step 3
 - Task #1 - 2nd Raccord – Exam
 - Task #2 – First wood model a Hip
 - Task #3 - Second model a Valley
 - Task #4 - 3rd Raccord project

Stage 2 Breakdown – 6-month deadline (120 hours of coursework)

- Step 1
 - Task #1 - Canted half frame with notch
 - Task #2 - Rested Hip
 - Task #3 - Raccord – Exam
 - Task #4 - Valley – Exam
- Step 2
 - Task #1 - Hip with purlin and birdsmouth
 - Task #2 - Raccord 5 - Peak with Purlins
 - Task #3 - Furring Hip
 - Task #4 - Hip with purlin and jack rafter cuts – Exam
- Step 3
 - Task #1 - Hip with struts
 - Task #2 - Raccord 6 - Two Peaks without Ridge
 - Task #3 - Raccord 7 - Sloping Ridge
 - Task #4 - Sloping Ridge
 - Task #5 - Raccord 8 - Sloping Top Plate
 - Task #6 - Sloping top plate and ridge – Exam
- Step 4
 - Task #1 - Hip and sloping top plate - Final Exam

Stage 3 Breakdown – 6-month (120 hours of coursework)

- Step 1 - Last of the Rembarrement
 - Task #1 - Raccord - 10 - Five peaks with ridge
 - Task #2 - Hip with Overhangs
 - Task #3 - Raccord - 11 - Mansard Roof
 - Task #4 - Valley with Overhangs
 - Task #5 - Raccord - 12 - Straight and mansard roof
 - Task #6 - Canted knee brace on broken hip
 - Task #7 - Raccord - 13 - Study of a canted raccord
 - Task #8 - Slatted Valley
 - Task #9 - Raccord - 14 - Study of a raccord at different heights
- Step 2 – Bevel Method
 - Task #1 - Bevel Method - Strayed Hip
 - Task #2 - Bevel Method- Hip with Purlins
- Step 3 – Diverse
 - Task #1 - Dormer Valley Rafter
 - Task #2 - Diverse - Sawhorse – Exam
 - Task #3 - Diverse - study of canted overhang rafter
 - Task #4 - Diverse - Understanding Diverse
 - Task #5 - Diverse - Study of Diversed Hips – Exam
- Step 4 - Real Life
 - Task #1 - Final Exam - Full Build with Documentation

Stage 4 Breakdown – 4-month deadline (40 hours of coursework)

- Task #1 - The North American Moore Trestle
- Task #2 - The Moore Trestle
- Task #3 - The Joiner's Trestle
- Task #4 - Twisted St. Andrews Cross
- Task #5 - The South American Moore Trestle
- Task #6 – Test
- Task #7 - Twisted Tapered St. Andrews Cross
- Task #8 - Final Exam
- Task #9 - (Optional) - Summerative Task - Professional Certification

Stage 5 Breakdown – 4-month deadline (40 hours of coursework)

- Step 1
 - Task #1 - Study of the Cone
 - Task #2 - A Study of the Roman Groin Vault
 - Task #3 - Plywood Groin Vault Model
- Step 2
 - Task #1 - Test - Cone Sectioned on an Angle
 - Task #2 - Straight Top Plate and Purlin in Curved Roof
- Step 3
 - Task #1 - Eyebrow Dormer Raccord
 - Task #2 - Eyebrow Dormer Model - Final Exam

Stage 6 Breakdown – 4-month deadline (40 hours of coursework)

- Step 1
 - Task #1 - Cone and Straight Roof Intersection
 - Task #2 - Ogee and Curved Roof Intersecting a Straight Roof
- Step 2
 - Task #1 - Test - Round Tour on Square Base and Square Tour on Round Base
 - Task #2 - Curved Top Plate and Purlin in Curved Roof
- Step 3
 - Task #1 - Curved Hip Model
 - Task #2 - Cylinder through Cone
 - Task #3 - Two Intersecting Cones
 - Task #4 - Final Exam - Ellipse Roof with Two Cones

Stage 7 Breakdown – 4-month deadline (40 hours of coursework)

- Task #1 - Capucine Raccord
- Task #2 - Capucine Awning
- Task #3 - Guitarde Raccord
- Task #3 - The Guitarde Dormer – Test
- Task #4 - Curved St. Andrews Cross in Cone
- Task 6 - Twisted Spire - Final Exam
- Task 7 (Optional) - Advanced Professional Certificate Challenge