COURSES CATALOG

ARTS DIGITAL INSTITUTE

OUR COMPANY

Our goal is to offer high quality Autodesk software training for college students, professionals, corporations, and general public. The programs are design for immediate application in their work field, bringing them constantly update opportunities.

ADVANTAGES

- 20 years teaching Autodesk software
- Instructors with professional experience and certification from Autodesk
- Courses in English and Spanish
- Student´s Autodesk Certificate of completion
- Each course provide the knowledge required to gain a competitive edge in your industry
- Location with easy access from major highways
- Wide range of times and schedules
- High frequency of calendar courses
- Longer courses with lower Price per hour
- Student´s Autodesk Official Training book
- Hand-on classes on individual workstations
- Groups courses of 7 people maximum

LIVE ONLINE CLASSES
IN A VIRTUAL CLASSROOM

Virtual classroom allows both students and teachers around the world to interact in live classes.

REAL-TIME SESSIONS

Online training course uses real-time sessions.
Interactive features give learners real-time access to their instructors.

COURSE SUMMARY

- The course has a start date, a specific time and a final date
- Autodesk's Certificate of completion, recognized wide world
- The courses last 30 hours
- Classes are limited to 8 students for increased collaboration
- Live sessions are recorded for future review to downloads for offline study
- Classes are taught by professional certified teachers
- Courses are taught in English or Spanish
- Pay our special prices in two installments

AUTOCAD

- Designers, drafters, engineers and architects use AutoCAD to draw professional projects.

- AutoCAD is the most powerful CAD used in the world.

- There is no need to choose between flexibility, power or precision, because AutoCAD will give you all.

- Develop accurate drawings for architectural, construction and manufacturing industries.

REVIT ARCHITECTURE

- Revit Architecture works in the way that architects think.

- Capture and analyze concepts and maintain your vision through design, documentation, and construction stages of the project.

- Get layouts, elevations, and sections from 3D model, also be able to create schedules and coordinate the changes made.
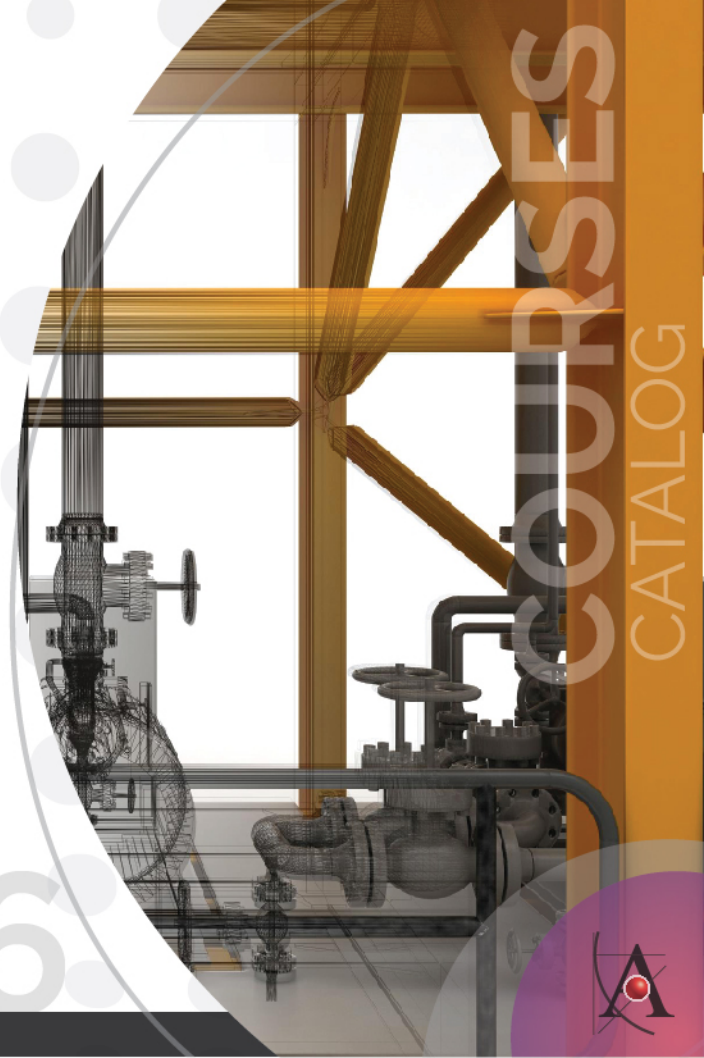
REVIT ARCHITECTURE
FAMILIES

- Revit Custom Parametric Families. Everything in Revit is part of a Family.

- Create your own parametric Revit families.

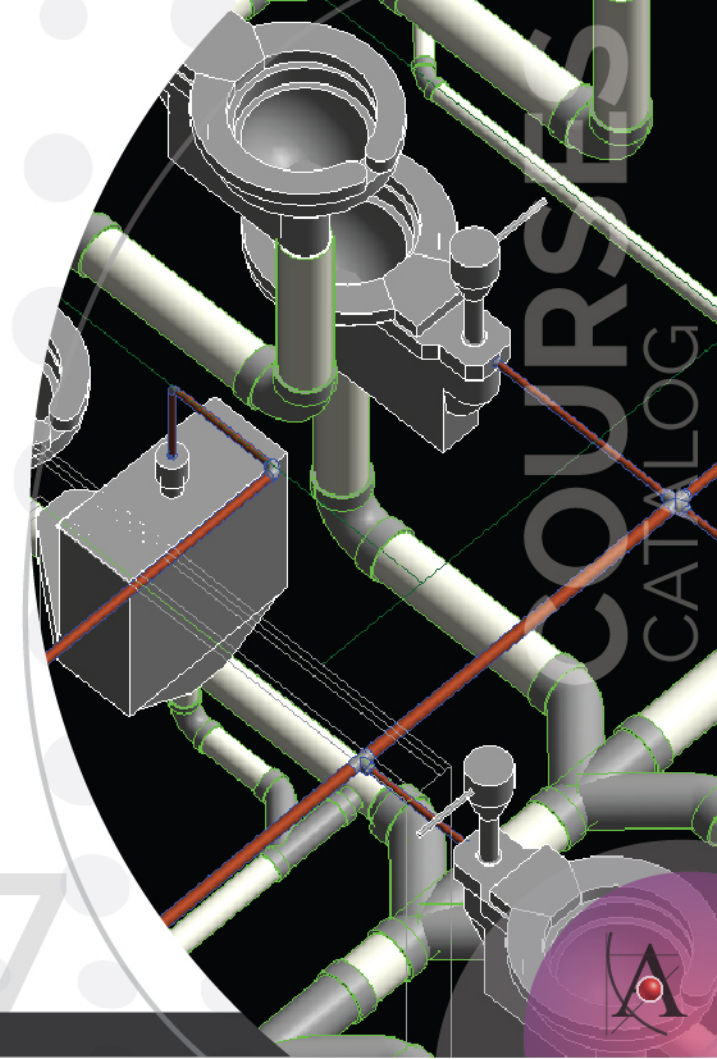- Use 3D tools to create custom families and in-place components.

REVIT MEP

- Model and coordinate Mechanical, Electrical & Plumbing projects.

- Get construction documents from the 3D model.

- Coordinate multidisciplinary teams with Revit MEP, BIM solution.

REVIT MEP
FAMILIES

- Families with geometry that can be customized easily by users on projects.

- Template families can be used to preconfigure connectors, parameters, for bespoke equipment.

- Use formulas in families to automate calculations.

REVIT STRUCTURE

- Revit helps you to design steel, cast-in-place concrete, precast concrete.

- Create, modify and document structural projects with parametric models.

- Create accurate and detailed documentation of steel and concrete designs.
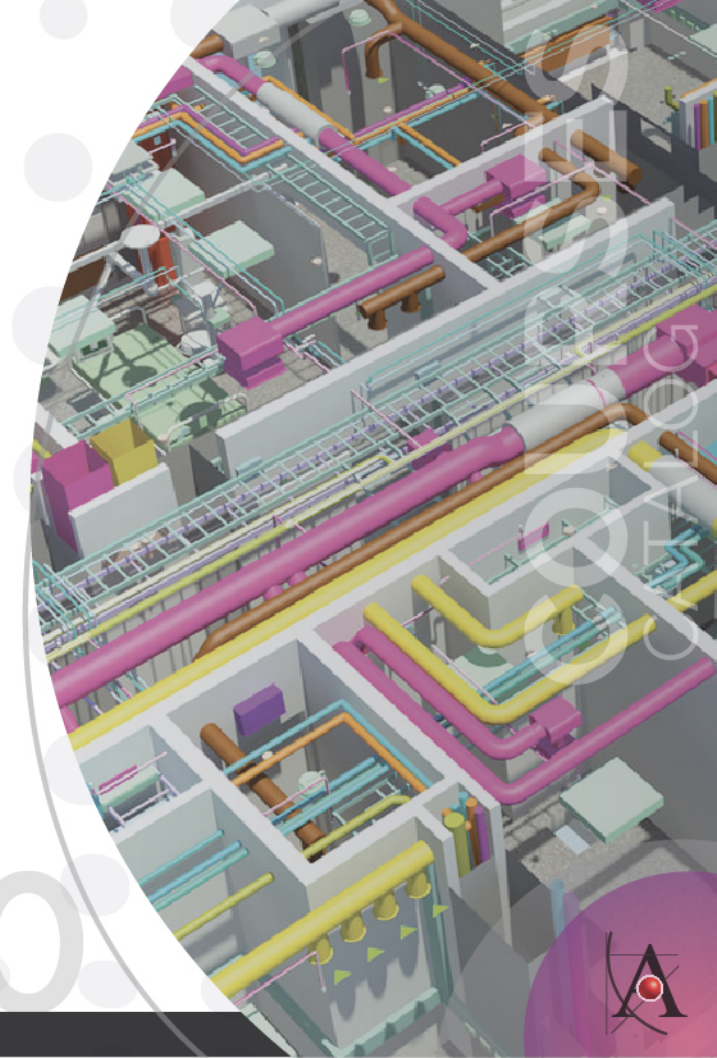
REVIT
CONSTRUCTION DOCUMENTS

- Everything in Revit is a Family. Customize Families to optimize Construction Documents.

- Dimensions, views, legends, Tags, Schedules, Title blocks as Revit Families.

- Details Documentation and 2D drawing in Revit to create details.

NAVISWORKS

- Multidisciplinary 3D and BIM models can be
  combined into a single, integrated project model.

- Navigate around them in real-time and shared
  viewing and review of models of different
  disciplines.

- Clash detection for the effective identification,
  inspection and reporting of interferences in
  the model.

BIM 360
DOCS & DESIGN

BIM 360 Design is an online software platform that gives you real-time Revit cloud worksharing.

Autodesk **BIM 360 Docs** is cloud-based construction document management software that allows you to share, view, markup, and manage your construction drawings, documents, and models.
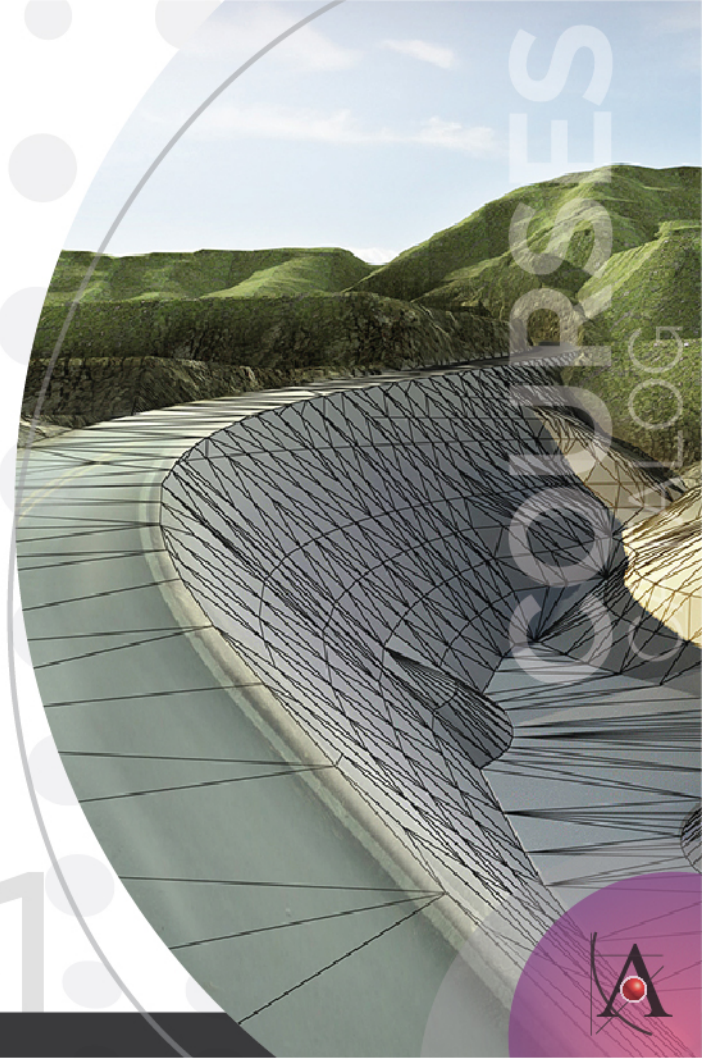
BIM 360 makes the coordination process easier. Any project member can upload models, detect clashes, and resolve issues in real time.

Basics of Navisworks: Integrate Revit models to clash detection, construction schedules, 4D Simulations and animated visualizations

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CIVIL 3D

- Civil 3D is built for land development projects.

- Terrain surfaces to clear visualizing, volume calculations and reports.

- Get contours, label contours and cross-sections from the 3D terrain model.

- Gain basic skills for corridor design.

INVENTOR

- Parametric system to design mechanical parts and assemblies.

- Accurate 3D parametric models to design and visualize products before they are built.

- Design, documentation, and manufacture of sheet metal products.

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SKETCHUP
3D MODELING

- 3D Drawing Tool toward to Architecture, Kitchen, Bath & Interior Design.

- Objects—from trees to furniture to people— are available from the web

- Apply color, images, and textures to 3D elements.

SKETCHUP
RENDERING & LIGHTING

- Render photo-realistic images with
  SketchUp & V-Ray.

- Apply textures, create lights, place cameras
  and render it.

- Advanced Techniques of Lighting and
  Rendering.

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3DS MAX FOR ARCHITECTURE
3D MODELING

- 3D Visualization for Architecture & Interior design.

- 3ds Max model organic shapes far easier than a conventional CAD program.

- Create remarkably realistic 3D models.

3DS MAX FOR ARCHITECTURE
LIGHTING & RENDERING

- Lighting techniques and texturing in 3D.

- Apply textures, create lights, place cameras and render it with 3ds Max and VRay.

- Advanced Techniques of Lighting and Rendering.

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3DS MAX FOR ARCHITECTURE
ANIMATION

- Photorealistic videos from the 3d environment of 3ds Max.

- Every element in the 3ds Max can be Animated: materials, light, cameras and objects.

AUTODESK
CERTIFICATE OF COMPLETION

The Certificate is issued by Autodesk and is internationally recognized.

The Certificate guarantees the quality of the courses taught in an Autodesk Training Center.

Certificate of Completion

Congratulations!

The Autodesk® Authorized Training Center (ATC®) course you have completed was designed to meet your learning needs with professional instructors, relevant content, authorized courseware, and ongoing evaluation by Autodesk.

The ATC network helps professionals achieve excellence in using our software products.

Certificate No. 1NTQWVM826

AUTODESK.

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