

AutoCAD Certification (Self-Paced)

Enhance your 2D drafting and technical drawing skills with AutoCAD in this comprehensive self-paced program. Gain hands-on experience, master industry-standard tools, and prepare for the Autodesk Certified Professional exam with expert guidance.

Group classes in Live Online and onsite training is available for this course. For more information, email onsite@graduateschool.edu or visit: <https://www.graduateschool.edu/courses/autocad-certification-self-paced>



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Course Outline

This package includes these courses

- AutoCAD Level I (Self-Paced) (18 Hours)
- AutoCAD Level II (Self-Paced) (12 Hours)
- AutoCAD Level III (Self-Paced) (18 Hours)

AutoCAD Level I (Self-Paced)

This AutoCAD course introduces the essential tools and techniques to produce mechanical and architectural designs.

- Learn essential drawing and editing commands to create and modify lines, circles, rectangles, and more
- Master object snaps, tracking, and coordinate input for precise and accurate drawings
- Organize and manage projects using layers, templates, and advanced objects like polylines and ellipses
- Apply real-world workflows to create complex layouts, floor plans, and design elements for mechanical and architectural projects
- Insert, manage, and reuse blocks using Tool Palettes and Design Center
- Prepare drawings for print with layouts, viewports, annotations, and dimensioning tools

AutoCAD Level II (Self-Paced)

- Boost productivity using advanced tools for precise positioning, parametric constraints, and block management
- Create, organize, and manage reusable content with custom block libraries
- Set up and customize drawing templates to maintain consistency across projects
- Design and manage advanced layouts using viewports, paper space, and scaling techniques for print-ready drawings
- Master annotation styles for standardized dimensions, text, and hatching
- Integrate external references (Xrefs) to manage large-scale drawings and collaborate efficiently across teams

AutoCAD Level III (Self-Paced)

- Enhance drawings using advanced annotation tools, tables, and text objects for improved clarity and control

- Create dynamic blocks and attribute data to build versatile, intelligent design components
- Develop and publish professional drawing sets with sheet sets, layout tools, and collaboration features
- Customize the AutoCAD interface with user-defined settings, tool palettes, and productivity-boosting macros
- Implement CAD standards across teams to ensure consistent, high-quality output
- Utilize 2D automation tools and cloud-based collaboration to streamline workflows