

## Technical Education Services

### AutoCAD® Plant Suite Fundamentals



#### Course Length: 4 days

The features and functionality of AutoCAD® Plant Design Suite are covered in this course. Using P&ID, Plant 3D and Navisworks, you will design and coordinate process diagrams, 3D equipment, structure, pipe specifications and routing. Automatically create Orthogonal and Isometric views to document the design.

This class is intended primarily for Process Engineers, Designers or Draftsmen who are required to design, document and maintain fully coordinated process equipment and piping systems.

After completing this class, users will be able to:

- Create structural equipment platforms
- Create and place schematic and 3D equipment
- Route schematic and 3D pipe between equipment
- Design schematic instrumentation
- Create structural pipe racks and supports
- Import/Export project data to complete the design
- Populate tag (property) data and annotate design
- Validate and modify your design
- Create orthographic drawings
- Create isometric drawings
- Visualize and coordinate the design with consultant models using Navisworks
  - Navigate through the digital project
  - Perform clash detection and coordinate your project
  - Create high quality rendered images of the project
- Understand and customize AutoCAD Plant catalogs and specifications
- Creating and updating project specifications
- Define branch connection tables
- Create and update pipe catalogs

For the current course  
schedule and to register  
for this course:

Web: [redstack.com.au](http://redstack.com.au)  
Phone: 1300 667 263



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### Prerequisites:

Students should already possess a fundamental knowledge of an equivalent version of AutoCAD 2D and 3D functionality. It is recommended that the user have a working knowledge of Microsoft® Windows® XP or later.

### Cancellation Policy

The following cancellation policy shall apply to all training and consulting engagements including customised training solutions:

Redstack reserves the right to reschedule or cancel the date, time and location of its class at any time. In the event that a Training Class is cancelled by Redstack, Customer is entitled to a full refund. Redstack shall not be responsible for any other loss incurred by Customer as a result of a cancellation or reschedule.

For Customer cancellations when written notice is received (i) at least ten (10) business days in advance of the class, Customer is entitled to a full refund of its payment or reschedule enrolment, (ii) less than ten (10) business days, Customer shall not be entitled to a refund, but shall receive a class credit to be used within three (3) months of the date of the original class.

Student substitutions are acceptable with at least two (2) days prior notice to the class, provided substitution meets course prerequisites and is approved by Redstack

For all Training orders, cancellation notices must be submitted in writing. Redstack is not responsible for any error in the delivery of the email notice. In the event of any reschedule of any training or consulting services by Customer, Redstack will invoice Customer for all non-cancellable travel expenses.

For more information, contact us on 1300 667 263.