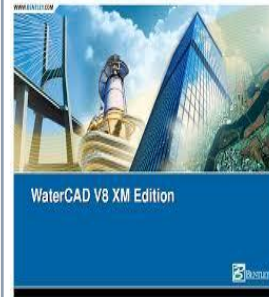


# WATERCAD V8

## Water CAD ( 16 HRS )

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### Introduction :

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### Learning Objectives:

- By the end of this course, students will be able to:
- Apply the basic principles of water distribution modeling
- Gain essential knowledge for water system design, operation, and troubleshooting
- Apply WaterCAD models to solve common water distribution system problems
- Develop a deeper understanding of model creation and analysis using WaterCAD
- Increase productivity by using automated approaches to complete common modeling tasks
- Building functional models using existing data
- Locating critical pipe segments, analyzing their impact and remediating them within water system
- Troubleshooting an existing distribution system model for closed valves
- Skeleton existing water model effectively for use in master planning
- Using models for solving complex design and operation control problems
- Determining the most applicable method(s) to simulate system demand and where that demand data may come from any source .

