



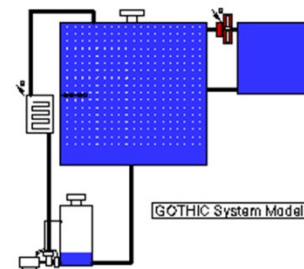
GOTHIC Intermediate Training

Two Intermediate Training courses focused on more complex subdivided modeling are currently available. The classes build upon the skills learned in the GOTHIC Introductory Training class emphasizing different skills and a common goal: provide students the job-specific modeling skills needed for their GOTHIC models. In both classes, students will have the opportunity to build models from scratch, debug the models, and postprocess the results. Class details are provided below:

Course Description – System Modeling Emphasis

The System Modeling class consists of lectures and hands-on examples that focus on more advanced features available for the various components available in GOTHIC as well as how to use them to build a full system model. The components covered include

- Heat Exchangers
- Pumps and Fans
- Pipes and Ducts
- Net Positive Suction Head
- Drops and Sprays
- And more

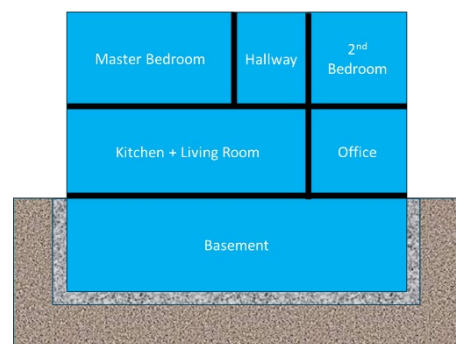


At the end of the class, students will have a better understanding of more advanced usages of the GOTHIC components, when and how to use subdivided volumes for system modeling, and how to incorporate these features into system models.

Course Description – Building Modeling Emphasis

The class consists of lectures and hands-on examples that progressively build in complexity from simple lumped models to full 3D subdivided volume representations with a focus on capabilities and features not covered in the Introductory class. Topics include

- Lumped vs Subdivided modeling
- Restarting a Model
- Tracers and Filters
- Hydrogen Modeling
- Nested Volume Modeling
- Command Files
- Scenario Manager
- And more



At the end of the class, students will have a better understanding of how and when to use subdivided volume modeling, the usage of a GOTHIC model for different applications, and how to use many of the more advanced features within GOTHIC.



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Who Will Benefit

- Engineers who have some experience using GOTHIC including or equivalent to attending the GOTHIC Introductory Training course.
- Engineers who have been using GOTHIC to create models and are interested in learning of ways to work more efficiently.
- Engineers who will be working on more complex models that include features not covered in the Introductory class.
- Experienced GOTHIC users that are interested in learning more about the updates to the preprocessor and how they can improve workflow.
- Managers that will be leading GOTHIC projects that require a more detailed understanding of a modeled system.

GOTHIC Experience Recommended

An understanding of GOTHIC's lumped volume modeling capabilities including resources, controls, and basic components (Equivalent to the GOTHIC Introductory Class). No experience with subdivided modeling is necessary.