# NASTT’s HDD Good Practices Course Agenda

**Open Remarks & Introduction**

**Module** | **Background and Introduction**
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**Module** | **Equipment and Steering**
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Equipment, Tooling & Steering

Steering, Locating, & Monitoring

**Break (15 minutes)**

**Module** | **Design**
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Basis of Design/Contract Documents

**Module** | **Design Continued**
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Design Calculations
- Pullback Load and Pipe Stress Analysis for Plastic Pipe
- Pullback Load and Pipe Stress Analysis for Steel Pipe
- Pullback Load and Pipe Stress Analysis for Ductile Iron Pipe
- Hydrofracture Calculations
- Settlement Calculations

Design Challenges

**Break (15 minutes)**

**Module** | **Construction**
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Drilling Fluids

Other HDD Construction Considerations