

# APR 145 : BLUEPRINT READING

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## Transcript title

Blueprint Reading

## Credits

4

## Grading mode

Standard letter grades

## Total contact hours

80

## Other hours

80

## Course Description

Introduction to blueprint reading, drafting blueprints, scaling existing buildings and drafting mechanical systems.

## Course learning outcomes

1. Student will read and interpret building plans and drawings.
2. Student will develop mechanical blueprints for HVAC systems.
3. Student will translate existing mechanical blueprints into material orders.
4. Student will prepare and utilize isometric sketching and detailed drawings.
5. Student will utilize recognized standard building codes and guidelines.