

GEN104 AV Math Online



AV Math Online is designed to help students develop mathematical proficiency in common AV calculations. This course blends online lessons with short how-to videos and provides a downloadable workbook with AV math practice problems. It also includes section tests that can be sent to a supervisor as you track your progress. Take advantage of online lessons that provide consistent and reliable training, available 24 hours a day, 7 days a week.

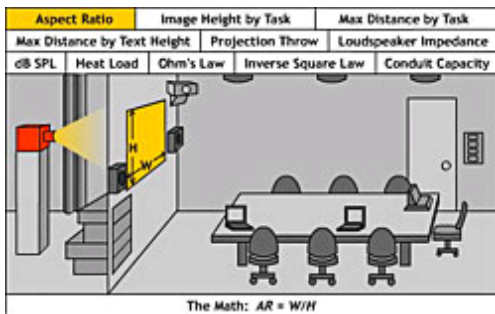
View the [two-minute video](#), "How to Determine Image Height by Task," (please allow time for the video to load)

[Register](#)

Who Should Take this Class

This course is perfect for:

- Any and all AV professionals who want a math refresher course
- Individuals preparing for the general CTS exam
- CTS holders who need continuing education renewal units (RUs)



Course Content (See complete PDF)

- aspect ratio
- image height
- estimating projection throw distance
- loudspeaker impedance
- decibels (10 log, 20 log)
- scale drawing conversions
- ohm's law
- heat load calculations
- inverse square law

Suggested Study

Consider taking [GEN102 Essentials of AV Technology](#).

CTS Renewal Units

CTS: 15 CTS-D: 15 CTS-I: 15 Max: 15