

DEPARTMENT: Inspection

COURSE: Inspec 016

TITLE: ADVANCED CONSTRUCTION INSPECTION (UNIFORM MECHANICAL CODE)

### WORKSHEET

Course Objectives ( <b>not part of SLO-but derives SLO</b> )	Outcome	Activity	Assessment
Furnace Types	Students will be able to evaluate floor, attic, and wall furnaces installed in a single family residence.	Students will read Chapter 7 of the mechanical Code to determine types of furnaces regulated by the code.	Students will list the code sections regulating the installation of attic, floor, and wall furnaces.
Mechanical Compliance	Students will be able to locate and apply the Mechanical Code requirements for furnace installations.	Students will view a video of an installed attic furnace.	Students will analyze an installed furnace to define type and to determine code compliance with location, clearances, and combustion air.
Written correction notices.	Students will be able to describe improper furnace installations in a written correction notice.	Students will write correction notices for an installed attic furnace.	Students will compare code requirements to an attic furnace installation

#### SLO #1

Students will be able use the California Mechanical Code to obtain installation requirements for installation of attic, floor, wall, and compartment furnaces to determine compliance with California Mechanical Code requirements for clearances to combustibles, combustion air requirements, .access, and working clearances.

#### SLO #2

Students will be able to evaluate an installed attic furnace to determine California Mechanical Code requirements for catwalks, access, working clearances, illumination, and manufacturers specifications.

