



**RELATED INSTRUCTION OUTLINE OF THE  
SHEET METAL WORKER CURRICULUM**

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*(3<sup>RD</sup> Edition)*

<b>SHEET METAL LEVEL 3</b>			
<b>Module #</b>	<b>Module Name</b>	<b>Module Objectives</b>	<b>Perf. Profile</b>
1	04301-09 Trade Math Three-Field Measuring and Fitting	Describes the techniques used for field measuring and layout of ductruns and fittings. Also provides practice in solving field measuring problems.	Yes
2	04302-09 Air Systems	Reviews the operating principles, components, and applications of common air systems. Discusses constant volume systems, variable volume systems, variable temperature (VVT) systems, variable air volume (VAV) systems, and dual VAV systems.	No
3	04303-09 Principles of Airflow	Explains the basic principles of airflow and reviews how airflow is affected by duct size, shape, and fittings. Also reviews the components of an air distribution system.	No
4	04304-09 Louvers, Dampers, and Access Doors	Discusses the different types of louvers, dampers, and access doors used in air distribution systems and reviews the standards that apply to them.	Yes
5	04305-09 Comprehensive Plan and Specification Reading	Provides a case-study approach to learning how to use building plans and specifications to layout, fabricate, and install HVAC systems. Allows trainees to proceed through the module as if they were working on an actual building project. Includes construction drawings.	Yes
6	04306-09 Fabrication Three-Triangulation	Describes the principles of triangulation and how it can be used to measure ductrun fittings. Provides trainees with a variety of tasks to practice developing, laying out, and fabricating selected ductrun fittings.	Yes
7	04307-09 Advanced Architectural Sheet Metal	Provides the opportunity to practice layout, fabrication, and installation of various architectural pieces. Makes use of items built in Fabrication Three—Radial Line Development.	Yes