



Lunch-n-Learn

What is a “Lunch-n-Learn”? As the name implies these programs typically involve a lunch for the audience and during that lunch a program is offered to the attendees so that they hopefully learn something. There are a number of different variations which may or may not include meals and these programs can also be done at different times of the day, not just lunch.

Why would a local chapter want to sponsor such an event? These events are a great way to reach out to others in our industry. The audience is usually comprised of engineers, code officials, SMACNA members, and architects.

In some cases the sponsoring chapter(s) will offer the related manuals for free or at a reduced cost to attendees. In many states licensed professionals (engineers, architects, contractors, and code officials) are required to obtain a certain amount of professional development hours to maintain their licenses. Often the programs available from SMACNA’s Technical Resources Department meet the requirements for those credits.

SMACNA HQ: 703-803-2980

Below is a list of programs offered by SMACNA’s Technical Resources Department.

Nickname	Full Name	Description	Notes	Time
ASMM	Architectural Sheet Metal Manual	This program is stand alone. The program covers some of the changes made to the latest edition of the standard. The program reviews common applications within the standard, changes in code requirements (particularly roofing), and how SMACNA has addressed these changes through testing the methods found within the standard.		60-90 minutes
DALT	Duct Air Leakage Testing	This program goes into an in depth discussion on leak testing HVAC duct. The topics include understanding the difference between "system" leakage and "duct" leakage, how to properly specify leakage testing, what various codes and standards require with regard to leakage testing, discuss misconceptions related to leakage testing.	AIA*	60-90 minutes



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HVAC DCS 101	HVAC Duct Construction Standards 101	This program can be stand alone or part of a series. This program focuses on the basics of using the SMACNA HVAC Duct Construction Standard Metal and Flexible. Topics include basics for specifying duct construction, limits of specific rectangular joints and seams, how to use the tables in the manual to fabricate rectangular duct using external reinforcement.	AIA*	60-90 minutes
HVAC DCS 102	HVAC Duct Construction Standards 102	This program can be stand alone or part of a series. This program focuses on using the SMACNA HVAC Duct Construction Standard Metal and Flexible. Topics include how to use internal reinforcement (tie rods), how to use the "new" TDC/TDF tables, how to fabricate "large" duct (dimensions over 120 inches), converting to aluminum construction, duct liner.	AIA*	60-90 minutes
HVAC DCS 103	HVAC Duct Construction Standards 103	This program can be stand alone or part of a series. This program focuses on using the SMACNA HVAC Duct Construction Standard Metal and Flexible. Topics include joints and seams for round duct, how to use the standard for round and oval duct fabrication, how to use the standard for hangers and trapeze, and how to use the standard for casing construction.	AIA*	60-90 minutes
IDCS-Rectangular	Rectangular Industrial Duct Construction Standards	This program is stand alone. This is an introductory program on industrial duct and how to use the standard to determine the correct fabrication options for rectangular duct. Topics include determining the critical loads, selecting proper gauge and reinforcement combinations, how to check support spacing, how to use this manual to solve HVAC applications not specifically covered in the HVAC standard.		90-120 minutes



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Nickname	Full Name	Description	Notes	Time
IDCS-Round	Round Industrial Duct Construction Standards	This program is stand alone. This is an introductory program on industrial duct and how to use the standard to determine the correct fabrication options for round duct. Topics include determining the critical loads, selecting proper gauge and reinforcement combinations, how to check support spacing, how to use this manual to solve HVAC applications not specifically covered in the HVAC standard.		90-120 minutes
PDCS	Phenolic Duct Construction Standards	This program is stand alone. This program focuses on the basics of using the SMACNA Phenolic Duct Construction Standard. This program introduces a fairly new material now being used for ductwork. Topics covered include basics on the material itself, the types of joints and seams used and their limitations. Common fabrication techniques and internal and external reinforcements are also covered.		60-90 minutes
Seismic	Seismic Restraint Manual	This program is stand alone. There are two distinct portions of the program. The first covers a recent history of the evolution of the code requirements which also includes a detailed breakdown of terms used and how those values impact the choices made when considering seismic bracing. The second portion illustrates how to use the SMACNA standard within the requirements of these codes and standards. A short slide show of actual field application of the SMACNA standard wraps up the presentation.		90-120 minutes
Fire Damper	Fire damper	This program is stand alone. It covers a number of topics including the requirements from various codes and standards regarding the requirements for installing and maintaining fire dampers. Common issues occurred while installing dampers, how dampers are tested, and available resources are also covered.		60-90 minutes

*Programs marked AIA are currently registered with the AIA. Please check with the Technical Resources Department to check the current status of any program.