



## Structural Insulated Panel (SIP) Syllabus

### Lecture

Introduction

Physics of SIP Construction (i.e. problems)

Practical Construction Techniques—slideshow

Integrating Other Building Products with SIP's

Plan Review

### Lunch

### Hands-On

Panel Inventory

SIP Floor Assembly—integrating structural reinforcements

Cutting, Prepping, and Joining Panel Assemblies

Eave Wall and Gable End Assembly

Window Openings: pre-cut vs. cut in place

Roof Panel Prepping and Installation

Demonstration of Paddle Routers, Foam Scoops, Meat Hooks, Big Reds, Foam Guns, Chain Saws and Hand Saws Throughout the Assembly Process