

3D Sand Printing Modules

[3DSP1: 3D Sand Printing Process and Terminology](#)

In this module, we will define additive manufacturing and identify the different types of additive manufacturing. We will also define 3D sand printing and cover the basic process of creating a 3D sand printed mold. This module will conclude with identifying the different types of 3D sand printing materials. By the end of this module, you will be able to identify the process, terminology, and applications regarding 3D sand printing. Estimated module time is 1 hour. CEU units awarded: 0.1 CEU units.

[3DSP2: 3D Sand Printing Benefits](#)

In this module, 3D sand printing will be compared to the traditional sand casting process. We will identify the advantages of additive manufacturing. This module will discuss cost and time implications regarding 3D sand printing. The module will conclude with some optimized real-world cases of using 3D sand printing. By the end of this module, you will be able to identify applications where 3D sand printing addresses complexity, speed to solution/prototype, and cost vs. castability. Estimated module time is 1 hour. CEU units awarded: 0.1 CEU units.