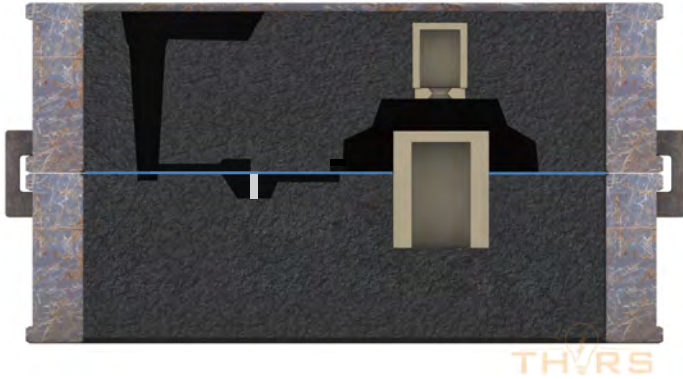


GATING AND RISERING BASICS

eLearning courses designed to increase productivity and profits



Learning made Simple, Visual, and Interactive

The purpose of this course is to educate and equip companies, individuals, or educational institutions with the design considerations of the filling and feeding systems essential to mold making.

Credit Hours **1.5**

Learning Objectives

- Identify the components of the filling and feeding systems.
- Understand the functions of the various components.
- Understand the design considerations of the various components.
- Recognize the design modifications of each component.
- Choose the best design for the components to establish efficient mold filling.

Table of Contents

I. Filling System

- Functions
- Components
 - o Pouring Basin
 - o Sprue
 - Straight Sprue
 - Tapered Sprue
 - Reverse Tapered Sprue
 - Sprue Base
 - o Runner
 - o Gate
 - o Vent
 - o Flow Off
 - o Choke

• Filling System Aids

- o Stopper
- o Filter

II. Feeding System

- Functions
- Components
 - o Riser
 - Feeding System Aids
 - o Riser Sleeves
 - o Hot Toppings
- Chill

