ENTERTAINMENT RIGGING SEMINAR

April 2 & 3, 2018
MASS MoCA and ADVANCED LIGHTING & PRODUCTION SERVICES will be hosting our first 2-day Entertainment Rigging Seminar

April 2 & 3, 2018

Instructor Ethan Gilson – ALPS
This two-day classroom-based seminar covers a wide range of rigging basics used in the entertainment industry.

This course will focus on:
OSHA AND ANSI STANDARDS
HARDWARE
TRUSS
LIFTING OPTIONS
RIGGING LOAD CALCULATIONS
RIGGING TOOLS

Course price:
$350 per person (light breakfast, lunch, and snacks)
Discounted rates available at Holiday Inn
Use code ALPSCONFERENCE (plus taxes and fees)

This session allows ETCP Certified Riggers to earn 16 renewal credits
(this is not a prep course for the ETCP test, but can be used as a great resource)

For more information, please contact Keith Nogueira at knogueira@massmoca.org
Tickets: massmoca.org/rigging-seminar
DAY 1

• OSHA
• ANSI
• FALL PROTECTION & FALL ARREST
• HARDWARE
  • Rope
  • Wire Rope
  • Slings
  • Shackles
  • Chain
  • Sheaves
  • Pipe
  • Beam Clamps
  • Strut
  • Misc. Hardware
  • Traveler Track
• REDUCTION OF STRENGTH
• TRUSS
• LIFTING OPTIONS
  • Chain Motors
  • Counter Weight
  • Block and Falls
  • Ground Supported Systems

DAY 2

• RIGGING LOAD CALCULATIONS
  • Standard Definitions
  • Basic Engineering Principles
  • Simple Span
  • Center of Gravity
  • Cantilevers
  • Resultant Loads
  • Point Loads
  • Uniform Distributed Loads
  • Complex Structures
  • Math Solutions to Simple Bridles
  • Vector Solutions to Simple Bridles
• LOAD CELLS
• RIGGING TOOLS