

SC'17 HPC Carpentry BoF

An example workshop outline with lesson modules is provided below. **Assuming a 1 day workshop:**

- What lessons are missing?
- What should be dropped or combined?
- If a longer workshop were given, what could be in Day 2?

(Time permitting) Pick a specific lesson module. Please list 2 – 3 learning objectives that embody the skills you desire.

Introducing High-Performance Computing

Logging In

Introduction to the Shell

Intermediate Shell Topics

The Scheduler

Submitting Your First Job

Monitoring Your Job

Testing Jobs by Running Interactively

Using Software Modules

Files, Storage, and Transferring Data

Running Parallel Tasks

Running Parallel Code

Optimizing workflows

Good Citizenship on Shared Systems

Capstone: Applied Example