**Blue Waters Petascale Semester Curriculum v1.0**

**Unit 1: Computation Across the Curriculum**

**Lesson 3: Submitting Jobs and Running Programs**

**References / Further Reading**

*Developed by Juan R. Perilla for the Shodor Education Foundation, Inc.*

man scp: https://man7.org/linux/man-pages/man1/scp.1.html

man rsync: https://man7.org/linux/man-pages/man1/rsync.1.html

Globus online: https://www.globus.org/

Revision control system: https://git-scm.com/book/en/v2/Getting-Started-About-Version-Control

Man screen: https://www.gnu.org/software/screen/manual/screen.html

Man tmux: https://man7.org/linux/man-pages/man1/tmux.1.html

Using aprun: https://bluewaters.ncsa.illinois.edu/using-aprun

Queueing policies: https://bluewaters.ncsa.illinois.edu/queues-and-scheduling-policies

Accessing compute nodes: https://bluewaters.ncsa.illinois.edu/accessing



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*Browse and search the full curriculum at*[*http://shodor.org/petascale/materials/semester-curriculum*](http://shodor.org/petascale/materials/semester-curriculum)

*We welcome your improvements! You can submit your proposed changes to this material and the rest of the curriculum in our GitHub repository at*[*https://github.com/shodor-education/petascale-semester-curriculum*](https://github.com/shodor-education/petascale-semester-curriculum)

*We want to hear from you! Please let us know your experiences using this material by sending email to* [*petascale@shodor.org*](mailto:petascale@shodor.org)