HOW TO APPLY

Applications will be accepted
JANUARY 5 — FEBRUARY 13, 2016

Computing and Information Technology undergraduate students are encouraged to apply. Must be a U.S. citizen.

- Submit a current resume;
- Official University Transcript (with spring courses posted and/or a copy of spring 2016 schedule)
  3.0 GPA minimum;
- One Letter of Recommendation from a Faculty Member; and
- Letter of intent stating strengths, goals, and interests.

Send all application materials to:

Information Science & Technology Institute
Los Alamos National Laboratory
Mail Stop T011
Los Alamos, NM 87545
or
Email: apply-cscnsi@lanl.gov

Voice: 505-665-3048 Fax: 505-663-5504

Students will be notified of selection by early March 2016.
Purpose

The Computer System, Cluster, and Networking Summer Institute (CSCNSI) is a focused technical enrichment program targeting third-year college undergraduate students currently engaged in a computer science, computer engineering, or similar major. The program emphasizes practical skill development in setting up, configuring, administering, testing, monitoring, and scheduling computer systems, supercomputer clusters, and computer networks through a variety of activities including hands-on technical training, lectures, professional development seminars, and tours of LANL facilities.

Students work in small project teams to execute real-world projects on computer clusters that they assemble and configure. A university instructor provides class instruction, and LANL subject matter experts mentor team projects. Students develop written and oral communications skills through critiqued presentations and present their work at a technical poster session at the conclusion of the Summer Institute. A University faculty instructor and LANL mentors will be available as resources throughout the summer.

Students

This highly-selective program is designed for third year (i.e., Junior) and above undergraduate students, although in some cases, Sophomore applicants may be considered. Acceptance into the program will be based on academic record (3.0 GPA minimum), interest and goal statement, and a letter of recommendation.

Duration and Location

The summer school program will last ten weeks, June 7 through August 13, and will be held at the New Mexico Consortium (NMC) in Los Alamos, NM.

Faculty

A New Mexico Consortium instructor will conduct lectures and supervise machine room activities. In addition, Laboratory staff will provide guest lectures on a diverse set of research topics, as well as technical mentor projects.

Matthew Broomfield
CSCNSI Instructor

“I feel accomplished by being able to setup and configure a working cluster during bootcamp. It was also a great achievement to get up to speed on a topic I had no previous knowledge of for my research project. In doing so I was able to contribute to the project greatly.” — 2013 Student

“There is no other place where you can gain this amount of knowledge in a summer on top of making connections with intelligent people that are enthusiastic about us and their research.” — 2014 Student

“10/10 would recommend. Great environment, amazing people, research that matters, and New Mexico is pretty awesome. Lots of cool hiking, running, biking, and exploring to do outside of work.” — 2015 Student

http://isti.lanl.gov (Educational Prog)
http://nmc-probe.org/summer-school