



Offer the NDG Linux Essentials Course™

Bridging the Linux Skills Gap

Many established and emerging careers require all levels of Linux command-line knowledge, including big data, cloud computing, cyber security, information systems, networking, programming and software. Yet there aren't enough people with the expertise to fill these jobs.

Teach Linux

The NDG Linux Essentials Course™, which aligns to the LPI Linux Essentials Professional Development Certificate, teaches fundamentals of the operating system and command line, plus basic open source concepts, helping prepare students for today's ICT careers.

Course Highlights

- Full semester course with 16-chapters
- “Learn by doing” approach
- Linux virtual machine to practice command-line concepts
- Instructor materials and classroom aids
- Seamless integration of lectures, content, labs and assessments
- Easily incorporated into university, college and technical programs
- No prerequisites for instructors or students
- Estimated time to complete course: 70 hours
- Languages: currently available in English



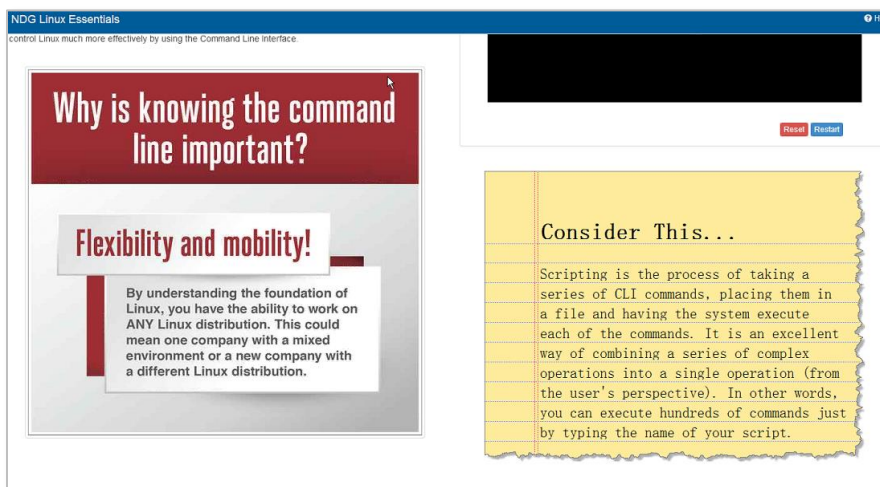
- **The NDG Linux Essentials Course** was developed by [Network Development Group](#) (NetAcad partner)
- **Licensed at no cost** to nonprofit universities, colleges, and schools for instructor-led training
- **Hands-on labs and real-world projects** develop relevant job skills
- **Prepares students for industry certification** and advanced courses

Small Market Trial Success

- Over 100 early-adopter schools
- 87% of students would recommend the course to others
- 91% of instructors would recommend teaching the course
- 100% of instructors plan to offer the course in the future

“This hands-on course has given me a better understanding of Linux than any of my traditional university courses.”

– NDG Linux Essentials Course student



The NDG Linux Essentials Course™ is a trademark of Network Development Group, Inc.

ICT Career Prep and Support

Cisco provides students with career resources, and encourages its partners and customers to work with campuses to help develop students, identify talent for hiring, and gain a competitive edge in their business.

Professional Skills Validation

This course aligns directly with the Linux Essentials Professional Development Certificate from the Linux Professional Institute. Certified students can demonstrate to potential employers that they have the strong Linux foundation necessary for today's internships and jobs. To learn more, visit: www.lpi.org/LE

```
>_ Linux Terminal Show/Hide

sysadmin@localhost:~$ echo 'Hello World!!'
Hello World!!
sysadmin@localhost:~$ ls -l
total 0
drwxr-xr-x 1 sysadmin sysadmin 0 Jul  3 05:56 Desktop
drwxr-xr-x 1 sysadmin sysadmin 0 Jul  3 05:56 Documents
drwxr-xr-x 1 sysadmin sysadmin 0 Jul  3 05:56 Downloads
drwxr-xr-x 1 sysadmin sysadmin 0 Jul  3 05:56 Music
drwxr-xr-x 1 sysadmin sysadmin 0 Jul  3 05:56 Pictures
drwxr-xr-x 1 sysadmin sysadmin 0 Jul  3 05:56 Public
drwxr-xr-x 1 sysadmin sysadmin 0 Jul  3 05:56 Templates
drwxr-xr-x 1 sysadmin sysadmin 0 Jul  3 05:56 Videos
sysadmin@localhost:~$ pwd
/home/sysadmin
sysadmin@localhost:~$ ls /
bin  dev  home  lib  media  opt  root  sbin  selinux  sys  usr
boot  etc  init  lib64  mnt  proc  run  sbin???  srv  tmp  var
sysadmin@localhost:~$ cd ..
sysadmin@localhost:~/home$ cd ..
sysadmin@localhost:/$ ls home
sysadmin
sysadmin@localhost:/$ pwd
/
sysadmin@localhost:/$
```

A terminal like this is available at any given time during the course.

Learn more!

New visitors: <http://www.cisco.com/go/netacad/usc>

NetSpace users: <https://www.netacad.com/group/offerings/partner-developed-courses>

Cisco Networking Academy: Partner-Developed Courses

Partner-developed courses are learning materials developed by other organizations utilizing the flexibility and course management capabilities in the Cisco NetSpace learning environment. Our goal is to expand learning opportunities for our students by offering relevant content and courses from NetAcad partners. Instructors may teach partner-developed courses and enroll students through the same process used for standard Networking Academy courses. Some partner courses may be structured in a self-paced format for students to self-enroll. Partner-developed courses adhere to the following guidelines:

- content has been developed by the partner, not by Cisco
- support and maintenance for the course is provided by the partner, not by Cisco
- if necessary, formal instructor training is provided by the partner, not by Cisco



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Corporate Social Responsibility

We create opportunities to transform lives, communities, and the environment through the combined power of human collaboration and networked connections. We call this “impact multiplied.” Together with others, we apply technology to unlock the intelligence and fuel the innovation needed to address some of the world’s most pressing problems.

Our Corporate Social Responsibility efforts focus on five areas: improving the well-being of people and communities around the world; using our technology to improve environmental sustainability; conducting our business ethically; creating a workplace where our employees thrive; and maintaining our high standards for ethics, labor rights, health, safety, and the environment throughout our supply chain.