



**BAKER COLLEGE**  
**STUDENT LEARNING OUTCOMES**

**ITS 2320 Linux II**  
**3 Semester Hours**

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**Student Learning Outcomes & Enabling Objectives**

1. Demonstrate an understanding of Linux System Architectures.
  - a. Determine and configure hardware settings.
  - b. Boot the System.
  - c. Change runlevels / boot targets and shutdown or reboot system.
2. Demonstrate an understanding of Linux Installation and Linux Package Management.
  - a. Design Hard Disk Layout.
  - b. Install a boot manager.
  - c. Manage shared libraries.
  - d. Use Debian package management.
  - e. Use RPM and YUM package management.
3. Demonstrate an understanding of Linux GNU and Unix Commands.
  - a. Work on the command line.
  - b. Process text streams using filters.
  - c. Perform basic file management.
  - d. Use streams, pipes and redirects.
  - e. Create, monitor and kill processes.
  - f. Modify process execution priorities.
  - g. Search text files using regular expressions.
  - h. Perform basic file editing operations using vi.
4. Demonstrate an understanding of Configurable Devices, Linux Filesystems, & Filesystem Hierarchy Standards.
  - a. Create partitions and filesystems.
  - b. Maintain the integrity of filesystems.
  - c. Control mounting and unmounting of filesystems.
  - d. Manage disk quotas.
  - e. Manage file permissions and ownership.
  - f. Create and change hard and symbolic links.
  - g. Find system files and place files in the correct location.

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**Big Ideas:**

- System Architecture.
- Linux Installation and Package Management.
- GNU and Unix Commands. Devices,
- Linux Filesystems, Filesystem Hierarchy Standard.

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These SLOs are not approved for experiential credit.

**Effective: Fall 2017**