The aim of this course is to acquaint the listener with the practical elements of the system Linux, ranging from construction and operation of the system kernel, file system, use of the editor (Gnu Emacs), command interpreter (bash), filters text, and configuration and capabilities of the X Window environment. Further topics include: management processes, the use of ssh connections and functions of OpenSSL, advanced operations file systems, configure basic network parameters, as well as the use of the most important network utilities.

Literature:

* The Linux System Administrator's Guide (available as a PDF document)
*   Robbins Beebe: "Programming shell scripts", Helion 2006 (available on the site Google Books)

* User manual, programmer and administrator (available on-line in the system)
* Resources available on the internet