USRS2H - Refresh in C & Bash Programming

Mis à jour le 13-02-2025



Code : USRS2H

Unité spécifique de type mixte

3 crédits

Responsabilité nationale : EPN05 - Informatique / Sami TAKTAK

Présentation

Prérequis

C and Command Line Interfaces skills comparable to a Bachelor's degree (Licence) in computer sciences.

Objectifs pédagogiques

Refresh programming skills in C and Bash programming

Compétences

Be comfortable in using a Bash prompt and writing simple C programs

Programme

Contenu

Bash:

- Using Command Line Interface on a GNU/Linux system with Bash
- Advance command lines in Bash
- Writing scripts in Bash

C programming :

- File Access and pipes
- Signals and return values
- Processes and Memory management

Modalités de validation

- Contrôle continu
- Examen final

Bibliographie

Titre	Auteur(s)
The C Programming Language	Brian Kernighan, Dennis Ritchie
A Practical Guide to Linux	Mark G. Sobel
Advanced Programming in the Unix Environment	W. Richard Stevens, Stephen A. Rago