

**PROFESSIONAL FAMILY: Computing and communications**

**Vocational education and training (VET) program code: CFGS ICA0**

**VET Program name: Network computer systems administration**

**Academic Year: 23-24**

## **ACTIVITY NAME AND NUMBER**

### **Activity 2 Managing processes.**

#### **Goal of the activity**

- Understanding what a process is.
- Understanding main features of processes.
- Learning how to manage processes.

#### **Time to develop the activity**

- 5 hours

#### **Methodology and students grouping**

- **Methodology:**
  - Group of students splitted into 2 subgroups each of them a half of the group. One classroom is required for each subgroup
  - Seminar and practical exercise.
- **Students grouping:** Individual

#### **Activity description**

- Short seminar about:
  - Processes and their main features.
  - How to manage processes on Linux.
- Practical exercise:
  - Working with basic command-line utilities to monitor processes.
  - Working with basic command-line utilities to manage processes.
- Check that student has:
  - understood the goals of this activity.
  - reached the goals of this activity.

### Resources to develop this activity

- 🎬 [Online resource](#) with:
  - Documentation
  - List of tasks the student has to do
  - (optional) Forms to fill
- 🎬 Access (local or cloud) to a Linux operating system.
- 🎬 Internet and laptops

### Teachers team role

- 🎬 Lead the seminar of this activity.
- 🎬 Help students to do the practical exercise of this activity.
- 🎬 Get a score for the practical exercise of this activity.
- 🎬 Feedback to each student.
- 🎬 Check that each student has understood the goals of the activity.

### Evaluating the activity

- 🎬 Main features:
  - Individual
  - Hetero-evaluation (Teachers team evaluate the activity)
  - Quantitative (Each student get a mark)
  - Qualitative (Feedback and comments to each student).