OntarioTech UNIVERSITY

Academic Year	**2025**
Semester	☐ Fall ☒ Winter ☐ Summer
Course Code - Name	CSCI 3310 – System Programming
Instructor	Dr. Ghadeer Abdelkader
Assessment	Lab 2
Deadline	Submit during the lab

```
clayton@debian:~/Desktop/SystemsProgramming/Labs/Lab2$ sudo insmod lab2.ko
clayton@debian:~/Desktop/SystemsProgramming/Labs/Lab2$ sudo dmesg | tail
 [20034.459307] This is the second Systems Programming Lab
clayton@debian:~/Desktop/SystemsProgramming/Labs/Lab2$ sudo lsmod | grep lab2
 lab2                   16384  0
clayton@debian:~/Desktop/SystemsProgramming/Labs/Lab2$ sudo rmmod lab2
clayton@debian:~/Desktop/SystemsProgramming/Labs/Lab2$ sudo dmesg | tail
 [20034.459307] This is the second Systems Programming Lab
 [20055.258047] Cleaning up the Kernel Module
```

M Makefile ×

M Makefile

```makefile
1    obj-m += lab2.o
2
3    all:
4        make -C /lib/modules/$(shell uname -r)/build M=$(PWD) modules
5
6    clean:
7        make -C /lib/modules/$(shell uname -r)/build M=$(PWD) clean
8
```