



**ITEC 202 – OPERATING SYSTEMS**  
**LABORATORY OUTLINE**

- Laboratory sessions are organized in parallel to theoretical study given in classrooms.
- During the lab sessions, particular aspects of the Unix Operating System are demonstrated.
- Students will perform different experiments and submit reports for evaluation each week. Table I is the list of the lab experiments.
- Lab grading is shown in Table II. You must collect at least 50% of the total Lab marks in order to pass the course.
- Since this lab is still under development, some of the experiments may be modified or new experiments may be added to the lab schedule.
- You must come to lab at the beginning; any student coming late will be punished by losing up to 30% of the corresponding lab mark. Students being late more than 20 minutes will not be accepted to the laboratory.
- Eating and drinking in the laboratory is strictly forbidden.
- Before leaving laboratory, you must turn off your computer.
- The following book can be used as an auxiliary book:

Amir Afraz, *UNIX Unbounded, A Beginning Approach*, Third Edition, Prentice-Hall, 2000.

Table I. List of Lab Experiments			
<b>1</b>	Lab I	MS-DOS Commands	<b>26<sup>th</sup> February</b>
<b>2</b>	Lab II	Interfacing with Gnome desktop environment and understanding important UNIX shell commands	<b>4<sup>th</sup> March</b>
<b>3-6</b>	<b>BREAK BECAUSE OF COVID-19 PANDEMIC</b>		
<b>7</b>	Lab III	Introduction to the UNIX file system	<b>1<sup>st</sup> April</b>
<b>8</b>	Lab VI	Introduction to Shell Programming	<b>8<sup>th</sup> April</b>
<b>9</b>	Lab VII	Shell Programming with Argument Passing	<b>15<sup>th</sup> April</b>
<b>10</b>	Lab (?)	Lab overview - Questions and Answers /Announcements	<b>22<sup>nd</sup> April</b>
<b>11</b>	Lab VIII	Unix Job Control	<b>29<sup>th</sup> April</b>
<b>12</b>	Lab IX	Unix Process creation	<b>6<sup>th</sup> May</b>
<b>13</b>	Lab X	Input and Output Redirection	<b>13<sup>th</sup> May</b>
<b>14</b>	Lab XI	Lab Make-Up	<b>20<sup>th</sup> May</b>
<b>15</b>	Lab Quiz	Lab Quiz (6%)	<b>27<sup>th</sup> May</b>

\* The dates are announced for both groups; students are to attend labs at their own group lab hour!!

Table 2. Lab Grading	
Total Lab Percentage :	16 %
Lab Reports + Performance :	10 % (62.5 % of Lab)
Lab Quiz :	6 % (37.5 % of Lab)