COURSE TITLE	Linux Practicum					
Course code	SRC151	Year of study	1			
Lecturer(s)	Nikola Grgić, senior lecturer	ECTS (Number of credits allocated)	2			
Associates		Total lesson hours per semester	Lecture	Seminar	Practical	Laboratory
			2	9		24
Course status		Percentage share of e-learning				

COURSE DESCRIPTION

Course Objectives	• apply Linux command-line skills to solve practical, Linux-related tasks
Course enrolment requirements and entry competencies required for the course	
Learning outcomes On successful completion of this course, student should be able to:	1. Make changes to the Linux file system structure using standard tools and commands. 2. Extract data from files that meet specified criteria. 3. Customize and format output in the terminal using parameters and options of standard Linux commands. 4. Integrate processes using various operators and redirect standard input and output.
Course content	Introduction to Linux. Linux installation. File system structure. Home directory. Basic shell commands. Standard file system commands. Wildcards. Standard input and output. Processes. Redirecting standard input and output. Commands grep, cut, sort, head, tail. File permissions and ownership.
Types of teaching:	☒ lecture ☒ seminars and workshop ☒ practical ☐ combined e-learning ☐ field research ☒ self-study ☐ multimedia ☐ laboratory ☐ mentoring work ☐ (others)
Student obligations	

Monitoring student work (enter the share in ECTS credits for each activity so that the total number of ECTS credits						
	Class attendance	1,1	Research		Practical work	
	Experimental work		Report		(others)	
	Essay		Seminar	0,5	(others)	
	Self-study	0,4	Workshop		(others)	

<table>
<tr><td>corresponds to the credit value of the course):</td><td>Project</td><td></td><td>Office hours, mid-term exams and final exam</td><td></td><td>(others)</td><td></td></tr>
<tr><td>Assessment and evaluation of student work during classes and at the final exam</td><td colspan="6">
<table>
<tr><th colspan="3">CONTINUOUS ASSESSMENT</th></tr>
<tr><td>Continuous testing indicators</td><td>Performance A_i (%)</td><td>Grade ratio k_i (%)</td></tr>
<tr><td>Seminar</td><td>25-100</td><td>40</td></tr>
<tr><td>Laboratory – final exam</td><td>50-100</td><td>60</td></tr>
</table>
<table>
<tr><th colspan="3">FINAL ASSESSMENT</th></tr>
<tr><td>Indicators checks</td><td>Performance A_i (%)</td><td>Grade ratio k_i (%)</td></tr>
<tr><td>All continuous testing indicators</td><td>40 - 100</td><td>100</td></tr>
</table>
<table>
<tr><th colspan="3">PERFORMANCE AND GRADE</th></tr>
<tr><td>Percentage</td><td>Criteria</td><td>Grade</td></tr>
<tr><td>40% - 60%</td><td>basic criteria met</td><td>sufficient (2)</td></tr>
<tr><td>61% - 75%</td><td>average performance with some errors</td><td>good (3)</td></tr>
<tr><td>76% - 90%</td><td>above average performance with minor errors</td><td>very good (4)</td></tr>
<tr><td>91% - 100%</td><td>outstanding performance</td><td>outstanding (5)</td></tr>
</table>
</td></tr>
<tr><td>Required reading</td><td colspan="6">The Linux Command Line: A Complete Introduction, William Shotts.</td></tr>
<tr><td>Quality monitoring to ensure the acquisition of established learning outcomes</td><td colspan="6">

Records of class attendance and success in performing student obligations
Updating detailed course curricula
Supervision of teaching activities
Continuous quality control of all parameters of the teaching process in accordance with the Action Plans
Semester-based student survey in accordance with the "Ordinance on the procedure of student evaluation of teaching work at the University of Split" (UNIST, Centre for Quality Improvement).

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<tr><td>Other information</td><td colspan="6"></td></tr>
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