SYLLABUS

1. Data about the program of study

1.1 Institution	Technical University of Cluj-Napoca
1.2 Faculty	Faculty of Electronics, Telecommunications and Information Technology
1.3 Department	Communications
1.4 Field of study	Electronic Engineering, Telecommunications and Information Technologies
1.5 Cycle of study	Bachelor of Science
1.6 Program of study / Qualification	Telecommunications Technologies and Systems/ Engineer
1.7 Form of education	Full time
1.8 Subject code	TST-E43.00

2. Data about the subject

2.1 Subject name	Practical Work in the Specialization (4 weeks)					
2.2 Subject area	Theoretical area: Methodological area: Analytic area:					
2.3 Course responsible	-					
2.4 Teacher in charge with seminar / laboratory / project	Responsible for Practical Work TST-E: Assistant Professor Iustin-Alexandru IVANCIU, Ph.D Iustin.Ivanciu@com.utcluj.ro					
2.5 Year of study	3	2.6 Semester	6	2.7 Assessment	A/R	2.8 Subject category	DS/DI

3. Estimated total time

3.1 Number of hours per week	25	of which: 3.2 course	0	3.3 laboratory 0
3.4 To Total hours in the curriculum	100	of which: 3.5 course	0	3.6 laboratory 0

Distribution of time	hours
Manual, lecture material and notes, bibliography	0
Supplementary study in the library, online specialized platforms and in the field	0
Preparation for seminars / laboratories, homework, reports, portfolios and essays	0
Tutoring	0
Exams and tests	0
Other activities: Practical Work	100

3.7 Total hours of individual study	0
3.8 Total hours per semester	100
3.9 Number of credit points	4

4. Pre-requisites (where appropriate)

4.1 curriculum	N. A.
4.2 competence	N. A.

5. Requirements (where appropriate)

5.1. for the course	N.A.
5.2. for the seminars / laboratories / projects	N.A.

6. Specific competences

Professional competences	C4. Design, implementation and operation of data, voice, video and multimedia services. This is based on the understanding and the application of fundamental concepts in telecommunications and transmission of information C5. Selecting, installing, configuring and operating fixed or mobile telecommunications equipment. Equipping a site with usual telecommunications networks
Cross competences	N.A.

7. Discipline objectives (as results from the key competences gained)

7.1 General objective	Development of professional skills in the field of telecommunications
7.2 Specific objectives	1. Assimilation of the theoretical knowledge regarding the operation of telecommunication systems 2. Development of skills and abilities needed to design and implement a telecommunication system

8. Contents

Depending on the Practical Work contract signed by the students and the company, ORIPS offers specific support	Teaching methods	Notes
Online references 1. http://etti.utcluj.ro/practica.html		

9. Bridging course contents with the expectations of the representatives of the community, professional associations and employers in the field

The discipline content and the acquired skills are in agreement with the expectations of the professional Competences acquired will be used in the following COR occupations (Electronics Engineer; Telecommunications Engineer; Electronics Design Engineer; System and Computer Design Engineer; Communications Design Engineer) or in the new occupations proposed to be included in COR (Sale Support Engineer; Multimedia Applications Developer; Network Engineer; Communications Systems Test Engineer; Project Manager; Traffic Engineer; Communications Systems Consultant).

10. Evaluation

Activity type	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
10.4 Course	-	-	-
10.5 Seminar/ Laboratory	The level of acquired knowledge and abilities	Meeting the requirements in the Practical Work contract Presentation of the practical activity Specific questions regarding the practical activity	100%
10.6 Minimum standard of performance			
ADMITTED			

Date of filling in: 27.09.2021	Responsible	Title First name SURNAME	Signature
	Applications	Assist. Prof. Iustin-Alexandru IVANCIU, Ph.D	

Date of approval in the Department of Communications 27.09.2021	Head of Communications Department Prof. Virgil DOBROTA, Ph.D.
Date of approval in the Council of Faculty of Electronics, Telecommunications and Information Technology 27.09.2021	Dean Prof. Gabriel OLTEAN, Ph.D.