## COURSE GUIDE - short form

Academic year 2021-2022

				5	1 2021 202								
Cours	e name <sup>1</sup>	Surface corrosion						Course code		de	3SM14DS		3
Course type <sup>2</sup>		DS	Category <sup>3</sup>	DO	Year of s	f study 3		Semester 6		6	Number of credit points		3
Facult	v Facult	v of Ma	terials Scienc	e and	Engineering	I Nu	mbe	r of te	achin	a ar	nd learn	ina ho	urs <sup>4</sup>
Faculty Faculty of Materials Science and Engineering Field Materials Engineering						,	Total L				LB	P	IS
Specialization Materials Science								72 28		-	28	-	16
Pre-requisites from the Compulsory							20						
curricului		mmended											
objective <sup>6</sup>	with the p processe Understa	orinciple s nding th	nowledge, print s and method ne notion of c ethods for de	ds use	ed in the ana	lysis : c mat	and erial	deterr s	ninati				
description <sup>8</sup>	Thermodynamics of the corrosion process. Kinetics of electrochemical corrosion Determination of corrosion current. Corrosion protection.												
Assesment								Sche- dule <sup>9</sup>			Percentage in the final grade (minimum grade) <sup>10</sup>		ıde
			ng the semes	ster			%						
A. Final	Home works						)%	14	14 week		-		
assessment form <sup>11</sup> :						70% (minimum							
Colloquium	One su	bject in ation a	the course to nd answers to	pics;	oral	(m	)% iini- m 5)		Session 5)				
B. Seminar Activity during seminar									% (minimum 5)				
C. Laboratory Activity during laboratory									30 % (minimum 5)				
D. Project Activity during project								% (minimum 5)					
Course o	rganizer		Lecturer D	r.Eng.	Ramona Cir	npoe	eşu						

<sup>&</sup>lt;sup>1</sup>Course name from the curriculum

Teaching assistants

Asist.drd.ing. Roman Ana-Maria

<sup>&</sup>lt;sup>2</sup> DF – fundamental, DID – in the field, DS – specialty, DC – complementary (from the curriculum)

<sup>&</sup>lt;sup>3</sup> DI – imposed, DO –optional, DL – facultative (from the curriculum)

<sup>&</sup>lt;sup>4</sup> Points 3.8, 3.5, 3.6a,b,c, 3.7 from the Course guide – extended form (L-lecture, T-tutorial, LB-laboratory works, Pproject, IS-individual study)

<sup>&</sup>lt;sup>4</sup> According to 4.1 – Pre-requisites - from the Course guide – extended form <sup>6</sup> According to 7.1 from the Course guide – extended form

<sup>&</sup>lt;sup>7</sup> According to 7.2 from the Course guide – extended form

<sup>&</sup>lt;sup>8</sup> Short description of the course, according to point 8 from the Course guide – extended form

<sup>&</sup>lt;sup>9</sup> For continuous assessment: weeks 1 - 14, for final assessment – colloquium: week 14, for final assessment-exam: exam period

<sup>&</sup>lt;sup>10</sup> A minimum grade might be imposed for some assessment stages

<sup>11</sup> Exam or colloquium