

**DEPT. OF CIVIL AND STRUCTURAL ENGINEERING EDUCATORS**

**4-YEAR DEGREE PROGRAMME**

<b>1st SEMESTER</b>									
<b>Code</b>	<b>COURSE TITLE</b>	<b>C/Compulsory O/Optional CE/Comp. Elective</b>	<b>T/Technological P/ Pedagogical</b>	<b>Theory</b>	<b>Practice</b>	<b>La b</b>	<b>Total</b>	<b>Work Load</b>	<b>Credits (ECTS)</b>
D101	Mathematics I	C	T	3	2	---	5	11	6
D102	Physics I	C	T	2	---	2	4	8	5
D103	Architectural and Technical Drawing	C	T	---	---	6	6	6	4
D104	Introduction to Informatics and Computer Programming	C	T	2	---	3	5	9	5
D105	Introduction to Educational Sciences	C	P	2	---	---	2	6	4
D106	General and Developmental Psychology	C	P	3	1	---	4	10	6
	<b>Total</b>						<b>26</b>	<b>50</b>	<b>30</b>

<b>2nd SEMESTER</b>									
<b>Code</b>	<b>COURSE TITLE</b>	<b>C/Compulsory O/Optional CE/Comp. Elective</b>	<b>T/Technological P/ Pedagogical</b>	<b>Theory</b>	<b>Practice</b>	<b>La b</b>	<b>Total</b>	<b>Work Load</b>	<b>Credits (ECTS)</b>
D201	Mathematics II	C	T	2	2	2	6	10	5
D202	Physics II	C	T	2	---	2	4	8	5
D203	Applied Mechanics	C	T	2	3	---	5	9	5
D204	Engineering Geology	C	T	2	---	2	4	8	5
D205	Philosophy – Sociology of Education	C	P	2	2	---	4	8	5
D206	Educational Psychology	C	P	2	2	---	4	8	5
	<b>Total</b>						<b>27</b>	<b>51</b>	<b>30</b>

<b>3rd SEMESTER</b>									
<b>Code</b>	<b>COURSE TITLE</b>	<b>C/Compulsory O/Optional CE/Comp. Elective</b>	<b>T/Technological P/ Pedagogical</b>	<b>Theory</b>	<b>Practice</b>	<b>La b</b>	<b>Total</b>	<b>Work Load</b>	<b>Credits (ECTS)</b>
D301	Structural Material Technology	C	T	3	--	3	6	12	7
D302	Strength of Materials	C	T	3	---	3	6	12	7
D303	Foreign Language - LSP	C	T	2	1	---	3	7	4
D304	Computer-Aided Design	C	T	---	---	3	3	3	2
D305	Educational Management and Policy	C	P	2	2	---	4	8	5
D306	Counselling Psychology and Guidance	C	P	3	---	---	3	9	5
	<b>Total</b>						<b>25</b>	<b>51</b>	<b>30</b>

<b>4th SEMESTER</b>									
<b>Code</b>	<b>COURSE TITLE</b>	<b>C/Compulsory O/Optional CE/Comp. Elective</b>	<b>T/Technological P/ Pedagogical</b>	<b>Theory</b>	<b>Practice</b>	<b>La b</b>	<b>Total</b>	<b>Work Load</b>	<b>Credits (ECTS)</b>
D401	Structural Analysis I	C	T	3	3	---	6	12	7
D402	Building Constructions	C	T	2	---	3	5	9	5
D403	Transportation Works	C	T	2	---	3	5	9	5
D404	Construction Management and Machinery	C	T	2	1	---	3	7	4
D405	Teaching Methodology	C	P	3	2	---	5	11	7
D406	Computer Applications in Education	C	P	---	3	---	3	3	2
	<b>Total</b>						<b>27</b>	<b>51</b>	<b>30</b>

<b>5th SEMESTER</b>									
<b>Code</b>	<b>COURSE TITLE</b>	<b>C/Compulsory O/Optional CE/Comp. Elective</b>	<b>T/Technological P/ Pedagogical</b>	<b>Theory</b>	<b>Practice</b>	<b>La b</b>	<b>Total</b>	<b>Work Load</b>	<b>Credits (ECTS)</b>
D501	Structural Analysis II	C	T	3	3	---	6	12	8
D502	Soil Mechanics	C	T	2	1	3	6	10	6
D503	Surveying	C	T	3	---	4	7	13	8
D504	Educational Evaluation	C	P	2	1	---	3	7	4
D505	Educational Research Methodology	C	P	2	1	---	3	7	4
	<b>Total</b>						<b>25</b>	<b>49</b>	<b>30</b>

<b>6th SEMESTER</b>									
<b>Code</b>	<b>COURSE TITLE</b>	<b>C/Compulsory O/Optional CE/Comp. Elective</b>	<b>T/Technological P/ Pedagogical</b>	<b>Theory</b>	<b>Practice</b>	<b>La b</b>	<b>Total</b>	<b>Work Load</b>	<b>Credits (ECTS)</b>
D601	General Technology	C	T	2	---	3	5	9	6
D602	Electrical and Mechanical Installations	C	T	2	3	---	5	9	6
D603	Reinforced Concrete	C	T	3	1	2	6	12	7
D604	Subject Didactics	C	P	2	1	3	6	10	6
D605	Educational Technology - Multimedia	C	P	2	---	2	4	8	5
	<b>Total</b>						<b>26</b>	<b>48</b>	<b>30</b>

<b>7th SEMESTER</b>									
<b>Code</b>	<b>COURSE TITLE</b>	<b>C/Compulsory O/Optional CE/Comp. Elective</b>	<b>T/Technological P/ Pedagogical</b>	<b>Theory</b>	<b>Practice</b>	<b>Lab</b>	<b>Total</b>	<b>Work Load</b>	<b>Credits (ECTS)</b>
D701	Steel and Timber Structures	C	T	3	---	2	5	11	7
D702	Seismology and Earthquake-Resistant Constructions	C	T	2	--	2	4	8	5
D703	Hydraulics	C	T	2	---	2	4	8	5
D704	Technical Legislation	C	T	2	---	---	2	6	3
D705	Foundations	C	T	2	1	3	6	10	6
D716	Techno-Economic Analysis	CE	T	2	1	---	3	7	4
D717	Operational Research	CE	T	2	1	---	3	7	4
	<b>Total</b>						<b>24</b>	<b>50</b>	<b>30</b>

<b>8th SEMESTER</b>									
<b>Code</b>	<b>COURSE TITLE</b>	<b>C/Compulsory O/Optional CE/Comp. Elective</b>	<b>T/Technological P/ Pedagogical</b>	<b>Theory</b>	<b>Practice</b>	<b>Lab</b>	<b>Total</b>	<b>Work Load</b>	<b>Credits (ECTS)</b>
D801	Teaching Practice	C	P					10	6
D802	Practical Work Experience	C	T					---	---
D803	Graduation Thesis	C	T					40	24
	<b>Total</b>							<b>50</b>	<b>30</b>