

Uttaranchal University, Dehradun
STUDY AND EVALUATION SCHEME
Diploma in Engineering 1st Year (Common to all Diploma Programmes)
(Effective from the session: 2019-2020)
Year: I, Semester – I (Civil 001, EE-002, ME-003, CSE-004)

SNo.	Code	Subject	L	T	P	EVALUATION SCHEME				Total Marks
			Hrs/week			Internal Assessment(Sessional)		External Assessment (Examination)		
						Theory	Practical	Written Paper	Practical	
			Max. Marks	Max. Marks	Max. Marks	Max. Marks				
1	DTHM-101	English and Communication Skills-I	3	1	0	40	-	60	-	100
2	DTMA-102	Applied Mathematics-I	3	1	0	40	-	60	-	100
3	DTPH-103	Applied Physics I	3	0	0	40	-	60	-	100
4	DTEC-104/ DTME-104	Basic Electronics Engineering /Basic Mechanical Engineering	3	0	0	40	-	60	-	100
5	DTCS105/ DTEE105	Fundamentals of Information Technology/Basic Electrical Engineering	3	0	0	40	-	60	-	100
6	DTES-108/ DTCY108	Environmental Studies/ Applied Chemistry	3	0	0	40	-	60	-	100
7	DPPH-103	Applied Physics I Lab	0	0	2	-	25	-	25	50
8	DPEC104/ DPME104	Basic Electronics Engineering Lab /Basic Mechanical Engineering Lab	0	0	2	-	25	-	25	50
9	DPCS-105/ DPEE105	Fundamentals of Information Technology Lab/Basic Electrical Engineering Lab	0	0	2	-	25	-	25	50
10	DPED-106	Engineering Drawing-I	-	-	4	-	50	-	50	100
11	DPWS-107	General Workshop Practice – I	-	-	4	-	25	-	25	50
12	DPES108/ DPCY108	Environmental Studies Lab/ Applied Chemistry Lab	-	-	2	-	25	-	25	50
13	DGP-109	Discipline & Student centered activities*	-	-	-	-	50	-	-	50
Total			18	2	16	-	-	-	-	1000

* Student Centered Activities includes activities like co-curricular activities, sports & games, field visit, NCC, NSS and cultural activities etc.

Uttaranchal University, Dehradun
STUDY AND EVALUATION SCHEME
Diploma in Engineering 1st Year (Common to all Diploma Programmes)
(Effective from the session: 2019-2020)
Year: I, Semester – II (Civil 001, EE-002, ME-003, CSE-004)

SNo.	Code	Subject	L	T	P	EVALUATION SCHEME				Total Marks
			Hrs/week			Internal Assessment(Sessional)		External Assessment (Examination)		
						Theory	Practical	Written Paper	Practical	
						Max. Marks	Max. Marks	Max. Marks	Max. Marks	
1	DTHM-201	English and Communication Skills-II	3	1	0	40	-	60	-	100
2	DTMA-202	Applied Mathematics-II	3	1	0	40	-	60	-	100
3	DTPH-203	Applied Physics II	3	0	0	40	-	60	-	100
4	DTME-204/ DTEC-204	Basic Mechanical Engineering/ Basic Electronics Engineering	3	0	0	40	-	60	-	100
5	DTEE205/ DTCS205	Basic Electrical Engineering/ Fundamentals of Information Technology	3	0	0	40	-	60	-	100
6	DTCY208/ DTES-208	Applied Chemistry/ Environmental Studies	3	0	0	40	-	60	-	100
7	DPPH-203	Applied Physics II Lab	-	-	2	-	25	-	25	50
8	DPME204/ DPEC204	Basic Mechanical Engineering Lab/ Basic Electronics Engineering Lab	-	-	2	-	25	-	25	50
9	DPEE205/ DPCS-205	Basic Electrical Engineering Lab/ Fundamentals of Information Technology Lab	-	-	2	-	25	-	25	50
10	DPED-206	Engineering Drawing-II	-	-	4	-	50	-	50	100
11	DPWS-207	General Workshop Practice – II	-	-	4	-	25	-	25	50
12	DPCY208/ DPES208	Applied Chemistry Lab/ Environmental Studies Lab	-	-	2	-	25	-	25	50
13	DGP-209	Discipline & Student centered activities*	-	-	-	-	50	-	-	50
Total			18	2	16	-	-	-	-	1000

* Student Centered Activities includes activities like co-curricular activities, sports & games, field visit, NCC, NSS and cultural activities etc.

Uttaranchal University, Dehradun
STUDY AND EVALUATION SCHEME
Diploma in Civil Engineering
(Effective from the session: 2018-2019)
Year: II, Semester- III (CE-001)

S. No.	Code	Subject	L	T	P	EVALUATION SCHEME				Total Marks
			Hrs/week			Internal Assessment		External Assessment (Examination)		
						Theory	Practical	Written Paper	Practical	
			Max. Marks	Max. Marks	Max. Marks	Max. Marks				
1.	DTME-301	Applied Mechanics	3	1	0	40	-	60	-	100
2.	DTCE-301	Hydraulics	3	1	0	40	-	60	-	100
3.	DTCE-302	Surveying - I	3	1	-	40	-	60	-	100
4.	DTCE-303	Building Materials	3	0	-	40	-	60	-	100
5.	DTCE-304	Building Construction	3	0	-	40	-	60	-	100
6.	DPME-301	Applied Mechanics Lab	-	-	2	-	25	-	25	50
7.	DPCE-301	Hydraulics Lab	-	-	2	-	25	-	25	50
8.	DPCE-302	Survey-I Lab	-	-	2	-	25	-	25	50
9.	DPCE-303	Building Materials & Construction lab	-	-	2	-	25	-	25	50
10.	DPCE-305	Building Drawing	-	-	2	-	50	-	50	100
11.	DPCE-306	Industrial Exposure	-	-	2	-	50	-	-	50
12.	DPCE-307	General Proficiency	-	-	-	-	50	-	-	50
Total			15	3	12	-	-	-	-	900

Uttaranchal University, Dehradun
STUDY AND EVALUATION SCHEME
Diploma in Civil Engineering
(Effective from the session: 2018-2019)
Year: II, Semester- IV (CE-001)

SNo.	Code	Subject	L	T	P	EVALUATION SCHEME				Total Marks
			Hrs/week			Internal Assessment		External Assessment (Examination)		
						Theory	Practical	Written Paper	Practical	
						Max. Marks	Max. Marks	Max. Marks	Max. Marks	
1.	DTCE-401	Concrete Technology	3	0	-	40	-	60	-	100
2.	DTCE-402	Geology	3	0	0	40	-	60	-	100
3.	DTCE-403	Water Supply & Waste Water Engg.	3	1	0	40	-	60	-	100
4.	DTCE-404	Strength of Materials	3	1	-	40	-	60	-	100
5.	DTCE-405	Surveying – II	3	1	-	40	-	60	-	100
6.	DPCE-401	Concrete Technology Lab	-	-	2	-	25	-	25	50
7.	DPCE-402	Geology Lab	-	-	2	-	25	-	25	50
8.	DPCE-403	Water Supply & Waste Water Engg. Lab	-	-	2	-	25	-	25	50
9.	DPCE-405	Survey II Lab	-	-	2	-	25	-	25	50
10.	DPCE-406	Environmental Engineering Drawing	-	-	2	-	50	-	50	100
11.	DPCE-407	Industrial Exposure	-	-	2	-	50	-	-	50
12.	DPCE-408	General Proficiency	-	-	-	-	50	-	-	50
Total			15	3	12	-	-	-	-	900

Uttaranchal University, Dehradun
STUDY AND EVALUATION SCHEME
Diploma in Civil Engineering
(Effective from the session: 2018-2019)
Year: III, Semester- V (CE-001)

SNo.	Code	Subject	L	T	P	EVALUATION SCHEME				Total Marks
			Hrs/week			Internal Assessment		External Assessment (Examination)		
						Theory	Practical	Written Paper	Practical	
			Max. Marks	Max. Marks	Max. Marks	Max. Marks				
1.	DTCE-501	Reinforced Cement Concrete	3	1	-	40	-	60	-	100
2.	DTCE-502	Railway, Bridge & Tunnel Engg.	3	0	-	40	-	60	-	100
3.	DTCE-503	Irrigation Engineering	3	1	-	40	-	60	-	100
4.	DTCE-504	Highway Engg.	3	0	-	40	-	60	-	100
5.	DTCE-505	Soil Mechanics & Foundation Engineering	3	1	-	40	-	60	-	100
6.	DPCE-503	RCC & Irrigation Drawing	-	-	2	-	50	-	50	100
7.	DPCE-504	Highway Engg. Lab	-	-	2	-	25	-	25	50
8.	DPCE-505	Soil Mechanics Lab	-	-	2	-	25	-	25	50
9.	DPCE-506	Survey Camp	One Week			-	50	-	-	50
10.	DPCE-507	Industrial Training	-	-	2	-	50	-	-	50
11.	DPCE-508	Minor Project	-	-	2	-	50	-	-	50
12.	DPCE-509	Application and uses of various software in Civil Engineering	-	-	2	-	50	-	-	50
Total			15	3	12	-	-	-	-	900

*Industrial training of 4-6 weeks to carried-out after 4th semester and to be evaluated in 5th semester.

Uttaranchal University, Dehradun
STUDY AND EVALUATION SCHEME
Diploma in Civil Engineering
(Effective from the session: 2018-2019)
Year: III, Semester- VI (CE-001)

SNo.	Code	Subject	L	T	P	EVALUATION SCHEME				Total Marks
			Hrs/week			Internal Assessment		External Assessment (Examination)		
						Theory	Practical	Written Paper	Practical	
			Max. Marks	Max. Marks	Max. Marks	Max. Marks				
1.	DTCE-601	Steel Structure	3	1	-	40	-	60	-	100
2.		Departmental Elective	3	1	-	40	-	60	-	100
3.	DTCE-603	Estimating, Costing & Construction Management	3	1	-	40	-	60	-	100
4.	DTHU-604	Entrepreneurship Development & Management	3	0	-	40	-	60	-	100
5.	DTCE-605	Environment Engg.	3	0	-	40	-	60	-	100
6.	DPCE-605	Environment Engg. Lab	-	-	2	-	25	-	25	50
7.	DPCE-606	Project	-	-	4	-	150	-	150	300
8.	DPCE-607	General Proficiency	-	-	-	-	50	-	-	50
Total			15	3	06	-	-	-	-	900

Professional practice/Industrial/ Field Internship/Extension activities (1000 marks) may be opted for, in lieu of Semester VI coursework at the discretion of university authorities.

List of Electives (i) Earthquake Resistant Building Construction (DTCE-651)

(ii) Repair & Maintenance of Buildings (DTCE-652)

(iii) Construction, Planning & Management (DTCE-653)