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Maharashtra State Board Of Technical Education, Mumbai

Learning and Assessment Scheme for Post S.S.C Diploma Courses

Programme Name	: Diploma In Automobile Engineering. / Chemical Engineering / Electrical Engineering / Electrical Power System / Food Technology / Mechanical Engineering / Mechatronics / Production Engineering / Printing Technology / Polymer Technology		
Programme Code	: AE / CH / EE / EP / FC / ME / MK / PG / PN / PO	With Effect From Academic Year	: 2023-24
Duration Of Programme	: 6 Semester	Duration	: 16 WEEKS
Semester	: First NCrF Entry Level : 3.0	Scheme	: K

Sr No	Course Title		Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	Actual Contact Hrs./Week CL	Actual Contact Hrs./Week TL	Actual Contact Hrs./Week LL	Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	Theory FA-TH Max	Theory SA-TH Max	Theory Total Max	Theory Total Min	Based on LL & TL Practical FA-PR Max	Based on LL & TL Practical FA-PR Min	Based on LL & TL Practical SA-PR Max	Based on LL & TL Practical SA-PR Min	Based on Self Learning SLA Max	Based on Self Learning SLA Min	Total Marks
(All Compulsory)																								
1	BASIC MATHEMATICS		BMS	AEC	311302	6	4	2	-	2	8	4	3	30	70	100	40	-	-	-	-	25	10	125
2	COMMUNICATION SKILLS (ENGLISH)		ENG	AEC	311303	-	3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150
3	BASIC SCIENCE	PHYSICS	BSC	DSC	311305	4	2	-	2	1	10	5	1.5	30	70*#	100	40	25	10	25@	10	25	20	250
		CHEMISTRY					2	-	2	1								25	10	25@	10	25		
4	FUNDAMENTALS OF ICT		ICT	SEC	311001	-	1	-	2	1	4	2	-	-	-	-	-	25	10	25@	10	25	10	75
5	YOGA AND MEDITATION		YAM	VEC	311003	1	-	-	1	1	2	1	-	-	-	-	-	25	10	-	-	25	10	50
6	ENGINEERING WORKSHOP PRACTICES (Mechanical, Electrical and allied branches)		EWP	SEC	311005	2	-	-	4	-	4	2	-	-	-	-	-	50	20	50@	20	-	-	100
7	ENGINEERING GRAPHICS (Civil, Electrical, Mechanical and allied branches)		EGR	DSC	311006	2	2	-	4	-	6	3	-	-	-	-	-	50	20	50@	20	-	-	100
Total						15	14	2	17	7		20		90	210	300		225		175		150		850

Sr No	Course Title	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning		Total Marks
						CL	TL	LL					FA-TH	SA-TH	Total		Practical				SLA		
																	FA-PR		SA-PR				
													Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	

Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment

Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @$ Internal Online Examination

Note :

1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.

2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.

3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.

4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks

5. 1 credit is equivalent to 30 Notional hrs.

6. * Self learning hours shall not be reflected in the Time Table.

7. * Self learning includes micro project / assignment / other activities.

Course Category : Discipline Specific Course Core (DSC) , Discipline Specific Elective (DSE) , Value Education Course (VEC) , Intern./Apprenti./Project./Community (INP) , AbilityEnhancement Course (AEC) , Skill Enhancement Course (SEC) , GenericElective (GE)

♦ **For the course Basic Science - candidate will have to appear for pre-examination of both physics & chemistry. If absent in any one section (physics / chemistry) student will be declared as absent & fail for the course and marks will not be processed or carried forward.**