



جامِعَةُ التَّقْنِيَّةِ وَالْعُلُومِ التَّطْبِيقِيَّةِ
University of Technology and Applied Sciences
Higher College of Technology الكليَّةُ التَّقْنِيَّةُ العُلْيَا

Pharmacy Department
Assistant Pharmacy Diploma – Degree Audit

Diploma First Year

Semester-I (12 Credits)

Course Code	Course Title	Prerequisite	Co-requisite	Passing Grade	Type	Credit Points	Theory Hours	Practical Hours	Contact Hours
PHAR6100	Pharmaceutical Terminology	-	-	C	MR	1	1	-	1
PHAR6200	First Aid	-	-	C	MR	1	1	-	1
PHAR3100	Fundamentals of Pharmacology	-	-	C	MR	3	2	-	2
PHAR3100P	Fundamentals of Pharmacology Practical	-	-	-	MR	0	-	2	2
CHEM1102	Fundamentals of Chemistry	-	-	C-	DR	3	2	-	2
CHEM1102 P	Fundamentals of Chemistry Practical	-	-	-	DR	0	-	2	2
PENG1100	English-I	-	-	D	CR	1	4	-	3
ENTW1100	Technical Writing-I	-	-	D	CR	3	4	-	4
Total						12	14	4	18

Semester-II (15 Credits)

Course Code	Course Title	Prerequisite	Co-requisite	Passing Grade	Type	Credit Points	Theory Hours	Practical Hours	Contact Hours
PHAR1110	Pharmacy Practice & Dosage Forms -I	-	-	C	MR	4	3	-	3
PHAR1110P	Pharmacy Practice & Dosage Forms -I Practical	-	-	-	MR	0	-	2	2
PHAR2210	Biochemistry-I	CHEM1102	-	C	MR	2	1	-	1
PHAR2210P	Biochemistry-I Practical	CHEM1102 P	-	-	MR	0	-	2	2
PHAR2110	Pharmaceutical Chemistry-I	CHEM1102	-	C	MR	3	2	-	2
PHAR2110P	Pharmaceutical Chemistry-I Practical	CHEM1102 P	-	-	MR	0	-	2	2
PHAR3210	Applied Therapeutics-I	-	-	C	MR	2	2	-	2
PENG1200	English-II	PENG1100	-	D	CR	1	4	-	3
ENTW1200	Technical Writing-II	ENTW1100	-	D	CR	3	4	-	4
Total						15	16	6	22

Summer Semester-I (4 Credits)

Course Code	Course Title	Prerequisite	Co-requisite	Passing Grade	Type	Credit Points	Theory Hours	Practical Hours	Contact Hours
PHAR6300	Pharmacy Laws & Management	-	-	C	MR	1	1	-	1
PENG1300	Public Speaking & Communication Skills	-	-	D	CR	3	4	-	3
Total						4	5	-	5

Diploma Second Year

Semester-III (13 Credits)

Course Code	Course Title	Prerequisite	Co-requisite	Passing Grade	Type	Credit Points	Theory Hours	Practical Hours	Contact Hours
PHAR1120	Pharmacy Practice & Dosage Forms-II	PHAR1110 PHAR1110 P	-	C	MR	4	3	-	3
PHAR1120P	Pharmacy Practice & Dosage Forms-II Practical		-	-	MR	0	-	2	2
PHAR2220	Biochemistry-II	PHAR2210 PHAR2210P	-	C	MR	1	1	-	1
PHAR3220	Applied Therapeutics-II	PHAR3210 AND PHAR3100 PHAR3100P	-	C	MR	3	2	-	2
PHAR3220P	Applied Therapeutics-II Practical		-	-	MR	0	-	2	2
PHAR2120	Pharmaceutical Chemistry-II	PHAR2110 PHAR2110 P	-	C	MR	2	1	-	1
PHAR2120P	Pharmaceutical Chemistry-II Practical		-	-	MR	0	-	2	2
PHAR5110	Pharmaceutical Microbiology	-	-	C	MR	3	2	-	2
PHAR5110P	Pharmaceutical Microbiology Practical	-	-	-	MR	0	-	2	2
Total						13	9	8	17

Semester-IV (13 Credits)

Course Code	Course Title	Prerequisite	Co-requisite	Passing Grade	Type	Credit Points	Theory Hours	Practical Hours	Contact Hours
PHAR1130	Pharmacy Practice-III	PHAR1120 PHAR1120P	PHAR1140 PHAR1140P	C	MR	4	3	-	3
PHAR1130P	Pharmacy Practice-III Practical			-	MR	0	-	2	2
PHAR2300	Medicinal Chemistry	PHAR2120	-	C	MR	2	2	-	2
PHAR1140	Dosage Forms-III & Quality Control	PHAR1120 PHAR1120P	PHAR1130 PHAR1130 P	C	MR	4	2	-	2
PHAR1140P	Dosage Forms-III & Quality Control Practical			-	MR	0	-	4	4
PHAR3230	Applied Therapeutics-III	PHAR3220 PHAR3220P	-	C	MR	3	2	-	2
PHAR3230P	Applied Therapeutics-III Practical		-	-	MR	0	-	2	2
Total						13	9	8	17

Summer Semester-II (4 Credit)

Course Code	Course Title	Prerequisite	Co-requisite	Passing Grade	Type	Credit Points	Theory Hours	Practical Hours	Contact Hours
PHAR5120	Public Health	PHAR5110 PHAR5110P	-	C	MR	1	1	-	1
PHAR4100	Natural Products from Medicinal Plants	-	-	C	MR	3	2	-	2
PHAR4100P	Natural Products from Medicinal Plants Practical	-	-	-	MR	0	-	2	2
Total						4	3	2	5

Diploma Third Year**Semester-V (12 Credits)**

Course Code	Course Title	Prerequisite	Co-requisite	Passing Grade	Type	Credit Points	Theory Hours	Practical Hours	Contact Hours
PHAR1150	Pharmacy Practice & Dosage Forms -IV	(PHAR1130 PHAR1130 P) AND (PHAR1140 PHAR1140 P)	-	C	MR	3	3	-	3
PHAR3240	Applied Therapeutics-IV	PHAR3230 PHAR323P	-	C	MR	3	2	-	2
PHAR3240P	Applied Therapeutics-IV Practical		-	-	MR	0	-	2	2
PHAR1200	Departmental Pharmacy Training Practical	PHAR1130 PHAR1130P PHAR3230	-	C	MR	3	-	6	6
BAMG2111	Entrepreneurship	ENTW1200	-	D	CR	3	2	2	4
Total						12	9	8	17

Semester-VI (2 Credits)

Course Code	Course Title	Prerequisite	Co-requisite	Passing Grade	Type	Credit Points	Theory Hours	Practical Hours	Contact Hours
PHAR6400	Graduation Project	PHAR1150 PHAR3240 PHAR3240P PHAR2300	None	C	MR	2	-	4	4
PHAR6500	On-the-Job Training (OJT)	PHAR1150 AND PHAR3240 AND PHAR1200	None	C	MR	-	-	-	-
Total						2	-	4	4