



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of III B.Tech II Semester Regular/Supplementary Examinations April/May-2017

College: DMS SVH COLLEGE OF ENGINEERING(Krishna):3C

Htno	Subcode	Subname	Internal	External	Credits
123C1A0103	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	14	34	4
123C1A0103	R32016	TRANSPORTATION ENGINEERING-II	13	22	0
123C1A0143	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	12	16	0
123C1A0159	R32016	TRANSPORTATION ENGINEERING-II	16	26	4
123C1A0215	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	32	4
123C1A0218	R32022	POWER SYSTEM ANALYSIS	13	10	0
123C1A0218	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	7	0
123C1A0307	RT32031	OPERATIONS RESEARCH	16	18	0
123C1A0307	RT32035	HEAT TRANSFER	7	7	0
123C1A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	8	24	0
123C1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	15	0	0
123C1A0309	R32035	DESIGN OF MACHINE MEMBERS_II	14	9	0
123C1A0352	R32033	HEAT TRANSFER	10	30	4
123C1A0358	R32031	METROLOGY	8	29	0
123C1A0445	R32042	MICROWAVE ENGINEERING	15	6	0
123C1A0445	R32043	DIGITAL SIGNAL PROCESSING	9	0	0
123C1A0445	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	13	-1	0
123C1A0445	R32045	VLSI DESIGN	14	19	0
123C1A0451	R32042	MICROWAVE ENGINEERING	8	30	0
123C1A0451	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	11	0	0
123C1A0451	R32045	VLSI DESIGN	17	21	0
123C1A0452	R32042	MICROWAVE ENGINEERING	8	31	0
123C1A0452	R32043	DIGITAL SIGNAL PROCESSING	7	0	0
123C1A0452	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	8	0	0
123C1A0455	R32042	MICROWAVE ENGINEERING	11	29	4
123C1A0455	R32043	DIGITAL SIGNAL PROCESSING	6	34	4
123C1A0455	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	5	0	0
123C1A0455	R32045	VLSI DESIGN	11	21	0
123C1A0463	R32043	DIGITAL SIGNAL PROCESSING	7	33	4
123C1A0463	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	11	32	4
123C1A0467	R32043	DIGITAL SIGNAL PROCESSING	10	0	0
123C1A0467	R32045	VLSI DESIGN	17	20	0
123C1A0468	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	10	36	4
123C1A0473	R32043	DIGITAL SIGNAL PROCESSING	8	33	4
123C1A0473	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	8	32	4
123C1A0473	R32045	VLSI DESIGN	8	22	0
123C1A0474	R32043	DIGITAL SIGNAL PROCESSING	9	0	0
123C1A0474	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	14	0	0
123C1A0475	R32026	MANAGEMENT SCIENCE	9	16	0
123C1A0475	R32043	DIGITAL SIGNAL PROCESSING	10	0	0
123C1A0475	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	9	0	0
123C1A0475	R32045	VLSI DESIGN	9	21	0
123C1A0479	R32043	DIGITAL SIGNAL PROCESSING	8	0	0
123C1A0479	R32045	VLSI DESIGN	4	-1	0

Htno	Subcode	Subname	Internal	External	Credits
123C1A0483	R32043	DIGITAL SIGNAL PROCESSING	5	46	4
123C1A0486	R32041	COMPUTER NETWORKS	11	29	4
123C1A0486	R32043	DIGITAL SIGNAL PROCESSING	9	31	4
123C1A0486	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	10	16	0
123C1A0486	R32045	VLSI DESIGN	7	33	4
123C1A0509	R32054	UNIX PROGRAMMING	12	34	4
123C1A0511	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	9	20	0
123C1A0511	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	6	40	4
123C1A0520	R32026	MANAGEMENT SCIENCE	12	14	0
123C1A0520	R32051	ADVANCED COMPUTER NETWORKS	7	26	0
123C1A0520	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	11	0	0
123C1A0520	R32054	UNIX PROGRAMMING	9	41	4
123C1A0520	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	5	36	4
133C1A0101	RT32012	GEOTECHNICAL ENGINEERING II	17	20	0
133C1A0102	RT32012	GEOTECHNICAL ENGINEERING II	18	29	3
133C1A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	30	3
133C1A0103	RT32011	ENVIRONMENTAL ENGINEERING I	18	10	0
133C1A0103	RT32012	GEOTECHNICAL ENGINEERING II	20	0	0
133C1A0105	RT32011	ENVIRONMENTAL ENGINEERING I	20	-1	0
133C1A0107	RT32012	GEOTECHNICAL ENGINEERING II	25	37	3
133C1A0131	RT32011	ENVIRONMENTAL ENGINEERING I	17	18	0
133C1A0131	RT32012	GEOTECHNICAL ENGINEERING II	22	17	0
133C1A0131	RT32014	WATER RESOURCES ENGINEERING I	21	0	0
133C1A0135	RT32014	WATER RESOURCES ENGINEERING I	22	27	3
133C1A0135	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	35	3
133C1A0137	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	42	3
133C1A0144	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	5	45	3
133C1A0147	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	28	3
133C1A0157	RT32011	ENVIRONMENTAL ENGINEERING I	21	35	3
133C1A0157	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	36	3
133C1A0160	RT32011	ENVIRONMENTAL ENGINEERING I	13	10	0
133C1A0160	RT32012	GEOTECHNICAL ENGINEERING II	16	11	0
133C1A0160	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	3	0
133C1A0160	RT32014	WATER RESOURCES ENGINEERING I	19	27	3
133C1A0160	RT32015	TRANSPORTATION ENGINEERING II	20	0	0
133C1A0160	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	12	43	3
133C1A0160	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	50	2
133C1A0160	RT32018	TRANSPORTATION ENGINEERING LAB	13	27	2
133C1A0201	RT32022	SWITCHGEAR AND PROTECTION	16	34	3
133C1A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	16	0
133C1A0301	RT32031	OPERATIONS RESEARCH	8	0	0
133C1A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	19	0
133C1A0301	RT32033	DESIGN OF MACHINE MEMBERS II	11	29	3
133C1A0301	RT32034	ROBOTICS	4	15	0
133C1A0301	RT32035	HEAT TRANSFER	16	30	3
133C1A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	25	3
133C1A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	16	13	0
133C1A0301	RT32038	HEAT TRANSFER LAB	20	35	2
133C1A0315	RT32034	ROBOTICS	9	25	0
133C1A0315	RT32035	HEAT TRANSFER	12	31	3

Htno	Subcode	Subname	Internal	External	Credits
133C1A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	16	13	0
133C1A0319	RT32031	OPERATIONS RESEARCH	16	27	3
133C1A0319	RT32035	HEAT TRANSFER	15	35	3
133C1A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	32	3
133C1A0321	RT32033	DESIGN OF MACHINE MEMBERS II	19	29	3
133C1A0321	RT32035	HEAT TRANSFER	17	0	0
133C1A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	17	7	0
133C1A0322	RT32031	OPERATIONS RESEARCH	18	24	3
133C1A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	28	3
133C1A0322	RT32033	DESIGN OF MACHINE MEMBERS II	13	8	0
133C1A0322	RT32034	ROBOTICS	7	21	0
133C1A0322	RT32035	HEAT TRANSFER	18	9	0
133C1A0323	RT32031	OPERATIONS RESEARCH	20	0	0
133C1A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	19	0
133C1A0323	RT32034	ROBOTICS	9	0	0
133C1A0325	RT32031	OPERATIONS RESEARCH	17	16	0
133C1A0326	RT32031	OPERATIONS RESEARCH	23	15	0
133C1A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	5	0
133C1A0326	RT32033	DESIGN OF MACHINE MEMBERS II	18	-1	0
133C1A0326	RT32034	ROBOTICS	14	0	0
133C1A0326	RT32035	HEAT TRANSFER	25	-1	0
133C1A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	-1	0
133C1A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	20	-1	0
133C1A0328	RT32031	OPERATIONS RESEARCH	18	15	0
133C1A0328	RT32035	HEAT TRANSFER	17	21	0
133C1A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	-1	0
133C1A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	20	18	0
133C1A0330	RT32031	OPERATIONS RESEARCH	23	0	0
133C1A0330	RT32034	ROBOTICS	9	31	3
133C1A0330	RT32035	HEAT TRANSFER	19	26	3
133C1A0333	RT32035	HEAT TRANSFER	21	13	0
133C1A0334	RT32033	DESIGN OF MACHINE MEMBERS II	19	13	0
133C1A0334	RT32035	HEAT TRANSFER	21	18	0
133C1A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	13	0	0
133C1A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	20	11	0
133C1A0335	RT32031	OPERATIONS RESEARCH	20	29	3
133C1A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	18	21	0
133C1A0338	RT32031	OPERATIONS RESEARCH	18	28	3
133C1A0341	RT32031	OPERATIONS RESEARCH	23	13	0
133C1A0341	RT32035	HEAT TRANSFER	11	30	3
133C1A0343	RT32035	HEAT TRANSFER	22	22	0
133C1A0345	RT32035	HEAT TRANSFER	20	18	0
133C1A0347	RT32031	OPERATIONS RESEARCH	19	3	0
133C1A0347	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	6	0
133C1A0347	RT32033	DESIGN OF MACHINE MEMBERS II	20	7	0
133C1A0347	RT32035	HEAT TRANSFER	25	21	0
133C1A0347	RT32037A	REFRIGERATION & AIR CONDITIONING	19	11	0
133C1A0348	RT32031	OPERATIONS RESEARCH	19	16	0
133C1A0348	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	0	0
133C1A0348	RT32035	HEAT TRANSFER	23	15	0

Htno	Subcode	Subname	Internal	External	Credits
133C1A0348	RT32037A	REFRIGERATION & AIR CONDITIONING	18	13	0
133C1A0351	RT32031	OPERATIONS RESEARCH	21	27	3
133C1A0353	RT32031	OPERATIONS RESEARCH	16	7	0
133C1A0353	RT32032	INTERACTIVE COMPUTER GRAPHICS	11	12	0
133C1A0353	RT32033	DESIGN OF MACHINE MEMBERS II	21	15	0
133C1A0353	RT32034	ROBOTICS	2	12	0
133C1A0353	RT32035	HEAT TRANSFER	18	0	0
133C1A0353	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	3	0
133C1A0353	RT32037A	REFRIGERATION & AIR CONDITIONING	10	11	0
133C1A0362	RT32031	OPERATIONS RESEARCH	22	0	0
133C1A0362	RT32033	DESIGN OF MACHINE MEMBERS II	23	0	0
133C1A0362	RT32035	HEAT TRANSFER	22	20	0
133C1A0369	RT32031	OPERATIONS RESEARCH	24	10	0
133C1A0369	RT32032	INTERACTIVE COMPUTER GRAPHICS	10	2	0
133C1A0369	RT32035	HEAT TRANSFER	22	37	3
133C1A0369	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	12	0
133C1A0369	RT32037A	REFRIGERATION & AIR CONDITIONING	20	2	0
133C1A0370	RT32035	HEAT TRANSFER	22	39	3
133C1A0374	RT32031	OPERATIONS RESEARCH	22	27	3
133C1A0374	RT32035	HEAT TRANSFER	19	44	3
133C1A0376	RT32035	HEAT TRANSFER	24	24	3
133C1A0376	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	31	3
133C1A0376	RT32037A	REFRIGERATION & AIR CONDITIONING	22	16	0
133C1A0382	RT32035	HEAT TRANSFER	21	32	3
133C1A0382	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	10	0
133C1A0385	RT32037A	REFRIGERATION & AIR CONDITIONING	22	26	3
133C1A0392	RT32037A	REFRIGERATION & AIR CONDITIONING	23	19	0
133C1A03A0	RT32031	OPERATIONS RESEARCH	22	25	3
133C1A03A0	RT32033	DESIGN OF MACHINE MEMBERS II	18	15	0
133C1A03A0	RT32035	HEAT TRANSFER	22	32	3
133C1A03A5	RT32035	HEAT TRANSFER	13	28	3
133C1A03A5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	15	0
133C1A03A5	RT32037A	REFRIGERATION & AIR CONDITIONING	17	33	3
133C1A03A7	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
133C1A03A8	RT32031	OPERATIONS RESEARCH	25	4	0
133C1A03A8	RT32034	ROBOTICS	23	16	0
133C1A03A8	RT32035	HEAT TRANSFER	22	29	3
133C1A03A8	RT32037A	REFRIGERATION & AIR CONDITIONING	20	17	0
133C1A03B3	RT32034	ROBOTICS	11	31	3
133C1A03B3	RT32035	HEAT TRANSFER	18	32	3
133C1A03B3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	15	0
133C1A03B3	RT32037A	REFRIGERATION & AIR CONDITIONING	13	19	0
133C1A03B4	RT32031	OPERATIONS RESEARCH	15	11	0
133C1A03B4	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	4	0
133C1A03B4	RT32033	DESIGN OF MACHINE MEMBERS II	3	15	0
133C1A03B4	RT32034	ROBOTICS	9	1	0
133C1A03B4	RT32035	HEAT TRANSFER	20	30	3
133C1A03B4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	11	14	0
133C1A03B4	RT32037A	REFRIGERATION & AIR CONDITIONING	9	23	0
133C1A03B5	RT32035	HEAT TRANSFER	23	-1	0

Htno	Subcode	Subname	Internal	External	Credits
133C1A03B5	RT32037A	REFRIGERATION & AIR CONDITIONING	23	24	3
133C1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	21	0
133C1A0406	RT32043	DIGITAL COMMUNICATIONS	15	9	0
133C1A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	12	0
133C1A0407	RT32044	MICROWAVE ENGINEERING	17	33	3
133C1A0409	RT32042	DIGITAL SIGNAL PROCESSING	16	28	3
133C1A0412	RT32043	DIGITAL COMMUNICATIONS	11	35	3
133C1A0416	RT32042	DIGITAL SIGNAL PROCESSING	18	20	0
133C1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	31	3
133C1A0422	RT32042	DIGITAL SIGNAL PROCESSING	15	-1	0
133C1A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	10	0
133C1A0431	RT32042	DIGITAL SIGNAL PROCESSING	10	23	0
133C1A0431	RT32043	DIGITAL COMMUNICATIONS	13	14	0
133C1A0431	RT32044	MICROWAVE ENGINEERING	11	4	0
133C1A0431	RT32045A	BIO MEDICAL ENGINEERING	10	12	0
133C1A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	10	0
133C1A0439	RT32042	DIGITAL SIGNAL PROCESSING	13	24	0
133C1A0439	RT32043	DIGITAL COMMUNICATIONS	13	0	0
133C1A0439	RT32044	MICROWAVE ENGINEERING	14	8	0
133C1A0439	RT32045A	BIO MEDICAL ENGINEERING	13	17	0
133C1A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	14	0
133C1A0440	RT32042	DIGITAL SIGNAL PROCESSING	10	15	0
133C1A0440	RT32043	DIGITAL COMMUNICATIONS	7	12	0
133C1A0440	RT32044	MICROWAVE ENGINEERING	8	15	0
133C1A0440	RT32045A	BIO MEDICAL ENGINEERING	12	31	3
133C1A0442	RT32044	MICROWAVE ENGINEERING	18	45	3
133C1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	2	0
133C1A0443	RT32042	DIGITAL SIGNAL PROCESSING	20	15	0
133C1A0443	RT32043	DIGITAL COMMUNICATIONS	11	8	0
133C1A0443	RT32044	MICROWAVE ENGINEERING	15	0	0
133C1A0443	RT32045A	BIO MEDICAL ENGINEERING	19	6	0
133C1A0452	RT32042	DIGITAL SIGNAL PROCESSING	22	38	3
133C1A0453	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	21	0
133C1A0453	RT32042	DIGITAL SIGNAL PROCESSING	11	31	3
133C1A0453	RT32043	DIGITAL COMMUNICATIONS	9	11	0
133C1A0453	RT32044	MICROWAVE ENGINEERING	10	30	3
133C1A0455	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	29	3
133C1A0457	RT32044	MICROWAVE ENGINEERING	20	30	3
133C1A0463	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	37	3
133C1A0463	RT32043	DIGITAL COMMUNICATIONS	14	4	0
133C1A0465	RT32042	DIGITAL SIGNAL PROCESSING	14	19	0
133C1A0465	RT32043	DIGITAL COMMUNICATIONS	6	0	0
133C1A0465	RT32044	MICROWAVE ENGINEERING	13	41	3
133C1A0501	RT32055	WEB TECHNOLOGIES	4	2	0
133C1A0502	RT32051	SOFTWARE ENGINEERING	6	3	0
133C1A0502	RT32052	DATA WARE HOUSING AND MINING	11	9	0
133C1A0502	RT32053	COMPUTER NETWORKS	3	9	0
133C1A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	11	0	0
133C1A0502	RT32055	WEB TECHNOLOGIES	4	0	0
133C1A0502	RT32056	IPR AND PATENTS	0	6	0

Htno	Subcode	Subname	Internal	External	Credits
133C1A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	35	2
133C1A0502	RT32058	SOFTWARE ENGINEERING LAB	15	33	2
133C1A0502	RT32059	WEB TECHNOLOGIES LAB	12	30	2
133C1A0504	RT32053	COMPUTER NETWORKS	16	44	3
133C1A0504	RT32055	WEB TECHNOLOGIES	7	4	0
133C1A0510	RT32053	COMPUTER NETWORKS	17	41	3
133C1A0510	RT32055	WEB TECHNOLOGIES	18	24	3
133C1A0515	RT32053	COMPUTER NETWORKS	10	14	0
133C1A0515	RT32055	WEB TECHNOLOGIES	10	4	0
133C1A0516	RT32053	COMPUTER NETWORKS	13	6	0
133C1A0516	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	9	0
133C1A0516	RT32055	WEB TECHNOLOGIES	13	2	0
133C1A0519	RT32053	COMPUTER NETWORKS	18	24	3
133C1A0519	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	31	3
133C5A0107	R32011	GEOTECHNICAL ENGINEERING - I	13	40	4
133C5A0107	R32016	TRANSPORTATION ENGINEERING-II	9	22	0
133C5A0207	R32022	POWER SYSTEM ANALYSIS	14	22	0
133C5A0207	R32024	MICROPROCESSORS AND MICROCONTROLLER	23	32	4
13AJ1A0449	RT32042	DIGITAL SIGNAL PROCESSING	19	32	3
143C1A0101	RT32011	ENVIRONMENTAL ENGINEERING I	20	52	3
143C1A0101	RT32012	GEOTECHNICAL ENGINEERING II	19	34	3
143C1A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	31	3
143C1A0101	RT32014	WATER RESOURCES ENGINEERING I	23	57	3
143C1A0101	RT32015	TRANSPORTATION ENGINEERING II	25	41	3
143C1A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	35	3
143C1A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	62	2
143C1A0101	RT32018	TRANSPORTATION ENGINEERING LAB	18	39	2
143C1A0102	RT32011	ENVIRONMENTAL ENGINEERING I	21	34	3
143C1A0102	RT32012	GEOTECHNICAL ENGINEERING II	24	47	3
143C1A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	40	3
143C1A0102	RT32014	WATER RESOURCES ENGINEERING I	25	30	3
143C1A0102	RT32015	TRANSPORTATION ENGINEERING II	22	51	3
143C1A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	63	3
143C1A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	60	2
143C1A0102	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
143C1A0103	RT32011	ENVIRONMENTAL ENGINEERING I	19	29	3
143C1A0103	RT32012	GEOTECHNICAL ENGINEERING II	16	30	3
143C1A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	4	0
143C1A0103	RT32014	WATER RESOURCES ENGINEERING I	22	40	3
143C1A0103	RT32015	TRANSPORTATION ENGINEERING II	24	24	3
143C1A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	45	3
143C1A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
143C1A0103	RT32018	TRANSPORTATION ENGINEERING LAB	20	40	2
143C1A0104	RT32011	ENVIRONMENTAL ENGINEERING I	25	29	3
143C1A0104	RT32012	GEOTECHNICAL ENGINEERING II	26	14	0
143C1A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	39	3
143C1A0104	RT32014	WATER RESOURCES ENGINEERING I	25	35	3
143C1A0104	RT32015	TRANSPORTATION ENGINEERING II	23	11	0
143C1A0104	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	51	3
143C1A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	65	2

Htno	Subcode	Subname	Internal	External	Credits
143C1A0104	RT32018	TRANSPORTATION ENGINEERING LAB	22	45	2
143C1A0105	RT32011	ENVIRONMENTAL ENGINEERING I	23	53	3
143C1A0105	RT32012	GEOTECHNICAL ENGINEERING II	20	27	3
143C1A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	40	3
143C1A0105	RT32014	WATER RESOURCES ENGINEERING I	26	31	3
143C1A0105	RT32015	TRANSPORTATION ENGINEERING II	17	24	3
143C1A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	37	3
143C1A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	66	2
143C1A0105	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
143C1A0106	RT32011	ENVIRONMENTAL ENGINEERING I	22	24	3
143C1A0106	RT32012	GEOTECHNICAL ENGINEERING II	20	39	3
143C1A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	47	3
143C1A0106	RT32014	WATER RESOURCES ENGINEERING I	23	41	3
143C1A0106	RT32015	TRANSPORTATION ENGINEERING II	28	38	3
143C1A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	70	3
143C1A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	65	2
143C1A0106	RT32018	TRANSPORTATION ENGINEERING LAB	21	43	2
143C1A0107	RT32011	ENVIRONMENTAL ENGINEERING I	26	37	3
143C1A0107	RT32012	GEOTECHNICAL ENGINEERING II	29	53	3
143C1A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	45	3
143C1A0107	RT32014	WATER RESOURCES ENGINEERING I	29	44	3
143C1A0107	RT32015	TRANSPORTATION ENGINEERING II	30	44	3
143C1A0107	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	70	3
143C1A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	69	2
143C1A0107	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
143C1A0109	RT32011	ENVIRONMENTAL ENGINEERING I	26	40	3
143C1A0109	RT32012	GEOTECHNICAL ENGINEERING II	25	42	3
143C1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	38	3
143C1A0109	RT32014	WATER RESOURCES ENGINEERING I	28	57	3
143C1A0109	RT32015	TRANSPORTATION ENGINEERING II	30	15	0
143C1A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	52	3
143C1A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	30	68	2
143C1A0109	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
143C1A0110	RT32011	ENVIRONMENTAL ENGINEERING I	21	36	3
143C1A0110	RT32012	GEOTECHNICAL ENGINEERING II	21	30	3
143C1A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	37	3
143C1A0110	RT32014	WATER RESOURCES ENGINEERING I	23	35	3
143C1A0110	RT32015	TRANSPORTATION ENGINEERING II	25	16	0
143C1A0110	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	37	3
143C1A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
143C1A0110	RT32018	TRANSPORTATION ENGINEERING LAB	19	39	2
143C1A0111	RT32011	ENVIRONMENTAL ENGINEERING I	23	15	0
143C1A0111	RT32012	GEOTECHNICAL ENGINEERING II	21	9	0
143C1A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	13	0
143C1A0111	RT32014	WATER RESOURCES ENGINEERING I	24	29	3
143C1A0111	RT32015	TRANSPORTATION ENGINEERING II	23	3	0
143C1A0111	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	53	3
143C1A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	62	2
143C1A0111	RT32018	TRANSPORTATION ENGINEERING LAB	19	36	2
143C1A0112	RT32011	ENVIRONMENTAL ENGINEERING I	14	6	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0112	RT32012	GEOTECHNICAL ENGINEERING II	17	6	0
143C1A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	7	0
143C1A0112	RT32014	WATER RESOURCES ENGINEERING I	24	37	3
143C1A0112	RT32015	TRANSPORTATION ENGINEERING II	24	31	3
143C1A0112	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	33	3
143C1A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	63	2
143C1A0112	RT32018	TRANSPORTATION ENGINEERING LAB	19	37	2
143C1A0113	RT32011	ENVIRONMENTAL ENGINEERING I	16	5	0
143C1A0113	RT32012	GEOTECHNICAL ENGINEERING II	17	5	0
143C1A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	0	0
143C1A0113	RT32014	WATER RESOURCES ENGINEERING I	22	8	0
143C1A0113	RT32015	TRANSPORTATION ENGINEERING II	15	0	0
143C1A0113	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	40	3
143C1A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	62	2
143C1A0113	RT32018	TRANSPORTATION ENGINEERING LAB	14	32	2
143C1A0114	RT32011	ENVIRONMENTAL ENGINEERING I	21	49	3
143C1A0114	RT32012	GEOTECHNICAL ENGINEERING II	27	31	3
143C1A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	44	3
143C1A0114	RT32014	WATER RESOURCES ENGINEERING I	27	49	3
143C1A0114	RT32015	TRANSPORTATION ENGINEERING II	26	50	3
143C1A0114	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	40	3
143C1A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	68	2
143C1A0114	RT32018	TRANSPORTATION ENGINEERING LAB	24	46	2
143C1A0115	RT32011	ENVIRONMENTAL ENGINEERING I	18	24	3
143C1A0115	RT32012	GEOTECHNICAL ENGINEERING II	19	24	3
143C1A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	18	0
143C1A0115	RT32014	WATER RESOURCES ENGINEERING I	27	24	3
143C1A0115	RT32015	TRANSPORTATION ENGINEERING II	24	45	3
143C1A0115	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	41	3
143C1A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	68	2
143C1A0115	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
143C1A0116	RT32011	ENVIRONMENTAL ENGINEERING I	15	15	0
143C1A0116	RT32012	GEOTECHNICAL ENGINEERING II	16	8	0
143C1A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	0	0
143C1A0116	RT32014	WATER RESOURCES ENGINEERING I	24	26	3
143C1A0116	RT32015	TRANSPORTATION ENGINEERING II	18	10	0
143C1A0116	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	27	3
143C1A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	61	2
143C1A0116	RT32018	TRANSPORTATION ENGINEERING LAB	18	39	2
143C1A0117	RT32011	ENVIRONMENTAL ENGINEERING I	21	30	3
143C1A0117	RT32012	GEOTECHNICAL ENGINEERING II	21	24	3
143C1A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	42	3
143C1A0117	RT32014	WATER RESOURCES ENGINEERING I	26	26	3
143C1A0117	RT32015	TRANSPORTATION ENGINEERING II	20	9	0
143C1A0117	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	52	3
143C1A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
143C1A0117	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
143C1A0118	RT32011	ENVIRONMENTAL ENGINEERING I	23	59	3
143C1A0118	RT32012	GEOTECHNICAL ENGINEERING II	26	31	3
143C1A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	39	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0118	RT32014	WATER RESOURCES ENGINEERING I	28	51	3
143C1A0118	RT32015	TRANSPORTATION ENGINEERING II	25	50	3
143C1A0118	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	40	3
143C1A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	67	2
143C1A0118	RT32018	TRANSPORTATION ENGINEERING LAB	23	44	2
143C1A0119	RT32011	ENVIRONMENTAL ENGINEERING I	27	57	3
143C1A0119	RT32012	GEOTECHNICAL ENGINEERING II	28	56	3
143C1A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	55	3
143C1A0119	RT32014	WATER RESOURCES ENGINEERING I	29	69	3
143C1A0119	RT32015	TRANSPORTATION ENGINEERING II	30	70	3
143C1A0119	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	70	3
143C1A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	68	2
143C1A0119	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
143C1A0120	RT32011	ENVIRONMENTAL ENGINEERING I	20	30	3
143C1A0120	RT32012	GEOTECHNICAL ENGINEERING II	26	50	3
143C1A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	27	3
143C1A0120	RT32014	WATER RESOURCES ENGINEERING I	27	28	3
143C1A0120	RT32015	TRANSPORTATION ENGINEERING II	25	31	3
143C1A0120	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	59	3
143C1A0120	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
143C1A0120	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
143C1A0121	RT32011	ENVIRONMENTAL ENGINEERING I	7	-1	0
143C1A0121	RT32012	GEOTECHNICAL ENGINEERING II	15	5	0
143C1A0121	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	0	0
143C1A0121	RT32014	WATER RESOURCES ENGINEERING I	17	5	0
143C1A0121	RT32015	TRANSPORTATION ENGINEERING II	18	0	0
143C1A0121	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	44	3
143C1A0121	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	62	2
143C1A0121	RT32018	TRANSPORTATION ENGINEERING LAB	15	28	2
143C1A0123	RT32011	ENVIRONMENTAL ENGINEERING I	14	56	3
143C1A0123	RT32012	GEOTECHNICAL ENGINEERING II	19	24	3
143C1A0123	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	12	0
143C1A0123	RT32014	WATER RESOURCES ENGINEERING I	21	31	3
143C1A0123	RT32015	TRANSPORTATION ENGINEERING II	18	18	0
143C1A0123	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	34	3
143C1A0123	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
143C1A0123	RT32018	TRANSPORTATION ENGINEERING LAB	16	33	2
143C1A0124	RT32011	ENVIRONMENTAL ENGINEERING I	13	10	0
143C1A0124	RT32012	GEOTECHNICAL ENGINEERING II	17	7	0
143C1A0124	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	24	3
143C1A0124	RT32014	WATER RESOURCES ENGINEERING I	20	27	3
143C1A0124	RT32015	TRANSPORTATION ENGINEERING II	24	14	0
143C1A0124	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	54	3
143C1A0124	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	67	2
143C1A0124	RT32018	TRANSPORTATION ENGINEERING LAB	18	38	2
143C1A0125	RT32011	ENVIRONMENTAL ENGINEERING I	29	45	3
143C1A0125	RT32012	GEOTECHNICAL ENGINEERING II	27	58	3
143C1A0125	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	40	3
143C1A0125	RT32014	WATER RESOURCES ENGINEERING I	27	51	3
143C1A0125	RT32015	TRANSPORTATION ENGINEERING II	28	52	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0125	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	66	3
143C1A0125	RT32017	COMPUTER AIDED ENGINEERING DRAWING	30	69	2
143C1A0125	RT32018	TRANSPORTATION ENGINEERING LAB	25	48	2
143C1A0126	RT32011	ENVIRONMENTAL ENGINEERING I	21	12	0
143C1A0126	RT32012	GEOTECHNICAL ENGINEERING II	17	12	0
143C1A0126	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	8	0
143C1A0126	RT32014	WATER RESOURCES ENGINEERING I	23	24	3
143C1A0126	RT32015	TRANSPORTATION ENGINEERING II	21	3	0
143C1A0126	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	54	3
143C1A0126	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	61	2
143C1A0126	RT32018	TRANSPORTATION ENGINEERING LAB	19	37	2
143C1A0127	RT32011	ENVIRONMENTAL ENGINEERING I	18	52	3
143C1A0127	RT32012	GEOTECHNICAL ENGINEERING II	16	24	3
143C1A0127	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	26	3
143C1A0127	RT32014	WATER RESOURCES ENGINEERING I	22	31	3
143C1A0127	RT32015	TRANSPORTATION ENGINEERING II	22	44	3
143C1A0127	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	36	3
143C1A0127	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	60	2
143C1A0127	RT32018	TRANSPORTATION ENGINEERING LAB	16	35	2
143C1A0128	RT32011	ENVIRONMENTAL ENGINEERING I	19	46	3
143C1A0128	RT32012	GEOTECHNICAL ENGINEERING II	18	45	3
143C1A0128	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	17	0
143C1A0128	RT32014	WATER RESOURCES ENGINEERING I	20	46	3
143C1A0128	RT32015	TRANSPORTATION ENGINEERING II	23	33	3
143C1A0128	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	60	3
143C1A0128	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	62	2
143C1A0128	RT32018	TRANSPORTATION ENGINEERING LAB	18	36	2
143C1A0129	RT32011	ENVIRONMENTAL ENGINEERING I	17	43	3
143C1A0129	RT32012	GEOTECHNICAL ENGINEERING II	18	33	3
143C1A0129	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	16	0
143C1A0129	RT32014	WATER RESOURCES ENGINEERING I	28	46	3
143C1A0129	RT32015	TRANSPORTATION ENGINEERING II	24	17	0
143C1A0129	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	62	3
143C1A0129	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	63	2
143C1A0129	RT32018	TRANSPORTATION ENGINEERING LAB	21	40	2
143C1A0130	RT32011	ENVIRONMENTAL ENGINEERING I	23	17	0
143C1A0130	RT32012	GEOTECHNICAL ENGINEERING II	24	24	3
143C1A0130	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	36	3
143C1A0130	RT32014	WATER RESOURCES ENGINEERING I	26	24	3
143C1A0130	RT32015	TRANSPORTATION ENGINEERING II	23	14	0
143C1A0130	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	47	3
143C1A0130	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	66	2
143C1A0130	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
143C1A0131	RT32011	ENVIRONMENTAL ENGINEERING I	15	23	0
143C1A0131	RT32012	GEOTECHNICAL ENGINEERING II	17	3	0
143C1A0131	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	6	0
143C1A0131	RT32014	WATER RESOURCES ENGINEERING I	22	0	0
143C1A0131	RT32015	TRANSPORTATION ENGINEERING II	19	0	0
143C1A0131	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	13	0
143C1A0131	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	62	2

Htno	Subcode	Subname	Internal	External	Credits
143C1A0131	RT32018	TRANSPORTATION ENGINEERING LAB	14	27	2
143C1A0132	RT32011	ENVIRONMENTAL ENGINEERING I	10	15	0
143C1A0132	RT32012	GEOTECHNICAL ENGINEERING II	17	0	0
143C1A0132	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	12	0
143C1A0132	RT32014	WATER RESOURCES ENGINEERING I	14	2	0
143C1A0132	RT32015	TRANSPORTATION ENGINEERING II	9	3	0
143C1A0132	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	38	3
143C1A0132	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	60	2
143C1A0132	RT32018	TRANSPORTATION ENGINEERING LAB	13	26	2
143C1A0133	RT32011	ENVIRONMENTAL ENGINEERING I	28	53	3
143C1A0133	RT32012	GEOTECHNICAL ENGINEERING II	26	51	3
143C1A0133	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	32	3
143C1A0133	RT32014	WATER RESOURCES ENGINEERING I	29	53	3
143C1A0133	RT32015	TRANSPORTATION ENGINEERING II	30	53	3
143C1A0133	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	70	3
143C1A0133	RT32017	COMPUTER AIDED ENGINEERING DRAWING	30	69	2
143C1A0133	RT32018	TRANSPORTATION ENGINEERING LAB	25	48	2
143C1A0134	RT32011	ENVIRONMENTAL ENGINEERING I	21	29	3
143C1A0134	RT32012	GEOTECHNICAL ENGINEERING II	18	26	3
143C1A0134	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	27	3
143C1A0134	RT32014	WATER RESOURCES ENGINEERING I	27	16	0
143C1A0134	RT32015	TRANSPORTATION ENGINEERING II	25	13	0
143C1A0134	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	51	3
143C1A0134	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	68	2
143C1A0134	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
143C1A0135	RT32011	ENVIRONMENTAL ENGINEERING I	15	19	0
143C1A0135	RT32012	GEOTECHNICAL ENGINEERING II	17	0	0
143C1A0135	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	25	3
143C1A0135	RT32014	WATER RESOURCES ENGINEERING I	24	2	0
143C1A0135	RT32015	TRANSPORTATION ENGINEERING II	24	2	0
143C1A0135	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	15	0
143C1A0135	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	61	2
143C1A0135	RT32018	TRANSPORTATION ENGINEERING LAB	16	30	2
143C1A0136	RT32011	ENVIRONMENTAL ENGINEERING I	24	24	3
143C1A0136	RT32012	GEOTECHNICAL ENGINEERING II	24	36	3
143C1A0136	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	45	3
143C1A0136	RT32014	WATER RESOURCES ENGINEERING I	29	51	3
143C1A0136	RT32015	TRANSPORTATION ENGINEERING II	24	40	3
143C1A0136	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	62	3
143C1A0136	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	68	2
143C1A0136	RT32018	TRANSPORTATION ENGINEERING LAB	24	45	2
143C1A0137	RT32011	ENVIRONMENTAL ENGINEERING I	20	46	3
143C1A0137	RT32012	GEOTECHNICAL ENGINEERING II	19	35	3
143C1A0137	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	28	3
143C1A0137	RT32014	WATER RESOURCES ENGINEERING I	25	42	3
143C1A0137	RT32015	TRANSPORTATION ENGINEERING II	24	31	3
143C1A0137	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	70	3
143C1A0137	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	62	2
143C1A0137	RT32018	TRANSPORTATION ENGINEERING LAB	21	44	2
143C1A0138	RT32011	ENVIRONMENTAL ENGINEERING I	27	33	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0138	RT32012	GEOTECHNICAL ENGINEERING II	24	54	3
143C1A0138	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	48	3
143C1A0138	RT32014	WATER RESOURCES ENGINEERING I	28	47	3
143C1A0138	RT32015	TRANSPORTATION ENGINEERING II	25	34	3
143C1A0138	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	52	3
143C1A0138	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	68	2
143C1A0138	RT32018	TRANSPORTATION ENGINEERING LAB	23	40	2
143C1A0139	RT32011	ENVIRONMENTAL ENGINEERING I	11	0	0
143C1A0139	RT32012	GEOTECHNICAL ENGINEERING II	16	0	0
143C1A0139	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	3	0
143C1A0139	RT32014	WATER RESOURCES ENGINEERING I	17	31	3
143C1A0139	RT32015	TRANSPORTATION ENGINEERING II	24	0	0
143C1A0139	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	30	3
143C1A0139	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	60	2
143C1A0139	RT32018	TRANSPORTATION ENGINEERING LAB	19	33	2
143C1A0140	RT32011	ENVIRONMENTAL ENGINEERING I	23	41	3
143C1A0140	RT32012	GEOTECHNICAL ENGINEERING II	27	42	3
143C1A0140	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	40	3
143C1A0140	RT32014	WATER RESOURCES ENGINEERING I	27	50	3
143C1A0140	RT32015	TRANSPORTATION ENGINEERING II	26	60	3
143C1A0140	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	67	3
143C1A0140	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	66	2
143C1A0140	RT32018	TRANSPORTATION ENGINEERING LAB	23	42	2
143C1A0141	RT32011	ENVIRONMENTAL ENGINEERING I	14	33	3
143C1A0141	RT32012	GEOTECHNICAL ENGINEERING II	17	31	3
143C1A0141	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	14	0
143C1A0141	RT32014	WATER RESOURCES ENGINEERING I	20	41	3
143C1A0141	RT32015	TRANSPORTATION ENGINEERING II	21	33	3
143C1A0141	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	53	3
143C1A0141	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	62	2
143C1A0141	RT32018	TRANSPORTATION ENGINEERING LAB	19	39	2
143C1A0142	RT32011	ENVIRONMENTAL ENGINEERING I	18	16	0
143C1A0142	RT32012	GEOTECHNICAL ENGINEERING II	17	17	0
143C1A0142	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	3	0
143C1A0142	RT32014	WATER RESOURCES ENGINEERING I	18	43	3
143C1A0142	RT32015	TRANSPORTATION ENGINEERING II	24	11	0
143C1A0142	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	50	3
143C1A0142	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	66	2
143C1A0142	RT32018	TRANSPORTATION ENGINEERING LAB	14	30	2
143C1A0143	RT32011	ENVIRONMENTAL ENGINEERING I	21	41	3
143C1A0143	RT32012	GEOTECHNICAL ENGINEERING II	18	32	3
143C1A0143	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	45	3
143C1A0143	RT32014	WATER RESOURCES ENGINEERING I	27	44	3
143C1A0143	RT32015	TRANSPORTATION ENGINEERING II	21	42	3
143C1A0143	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	34	3
143C1A0143	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	67	2
143C1A0143	RT32018	TRANSPORTATION ENGINEERING LAB	22	41	2
143C1A0144	RT32011	ENVIRONMENTAL ENGINEERING I	20	31	3
143C1A0144	RT32012	GEOTECHNICAL ENGINEERING II	23	24	3
143C1A0144	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	29	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0144	RT32014	WATER RESOURCES ENGINEERING I	27	32	3
143C1A0144	RT32015	TRANSPORTATION ENGINEERING II	25	40	3
143C1A0144	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	57	3
143C1A0144	RT32017	COMPUTER AIDED ENGINEERING DRAWING	30	69	2
143C1A0144	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
143C1A0145	RT32011	ENVIRONMENTAL ENGINEERING I	24	64	3
143C1A0145	RT32012	GEOTECHNICAL ENGINEERING II	29	58	3
143C1A0145	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	34	3
143C1A0145	RT32014	WATER RESOURCES ENGINEERING I	30	36	3
143C1A0145	RT32015	TRANSPORTATION ENGINEERING II	28	33	3
143C1A0145	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	59	3
143C1A0145	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	67	2
143C1A0145	RT32018	TRANSPORTATION ENGINEERING LAB	24	46	2
143C1A0147	RT32011	ENVIRONMENTAL ENGINEERING I	22	24	3
143C1A0147	RT32012	GEOTECHNICAL ENGINEERING II	23	43	3
143C1A0147	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	14	0
143C1A0147	RT32014	WATER RESOURCES ENGINEERING I	25	24	3
143C1A0147	RT32015	TRANSPORTATION ENGINEERING II	25	13	0
143C1A0147	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	47	3
143C1A0147	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	66	2
143C1A0147	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
143C1A0148	RT32011	ENVIRONMENTAL ENGINEERING I	27	70	3
143C1A0148	RT32012	GEOTECHNICAL ENGINEERING II	27	43	3
143C1A0148	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	49	3
143C1A0148	RT32014	WATER RESOURCES ENGINEERING I	28	57	3
143C1A0148	RT32015	TRANSPORTATION ENGINEERING II	29	67	3
143C1A0148	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	52	3
143C1A0148	RT32017	COMPUTER AIDED ENGINEERING DRAWING	30	69	2
143C1A0148	RT32018	TRANSPORTATION ENGINEERING LAB	25	48	2
143C1A0149	RT32011	ENVIRONMENTAL ENGINEERING I	13	17	0
143C1A0149	RT32012	GEOTECHNICAL ENGINEERING II	15	25	3
143C1A0149	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	14	0
143C1A0149	RT32014	WATER RESOURCES ENGINEERING I	20	2	0
143C1A0149	RT32015	TRANSPORTATION ENGINEERING II	18	0	0
143C1A0149	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	12	28	3
143C1A0149	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	60	2
143C1A0149	RT32018	TRANSPORTATION ENGINEERING LAB	13	26	2
143C1A0150	RT32011	ENVIRONMENTAL ENGINEERING I	24	46	3
143C1A0150	RT32012	GEOTECHNICAL ENGINEERING II	23	38	3
143C1A0150	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	31	3
143C1A0150	RT32014	WATER RESOURCES ENGINEERING I	27	43	3
143C1A0150	RT32015	TRANSPORTATION ENGINEERING II	30	49	3
143C1A0150	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	68	3
143C1A0150	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	67	2
143C1A0150	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
143C1A0151	RT32011	ENVIRONMENTAL ENGINEERING I	26	36	3
143C1A0151	RT32012	GEOTECHNICAL ENGINEERING II	24	59	3
143C1A0151	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	42	3
143C1A0151	RT32014	WATER RESOURCES ENGINEERING I	28	63	3
143C1A0151	RT32015	TRANSPORTATION ENGINEERING II	30	65	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0151	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	51	3
143C1A0151	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	66	2
143C1A0151	RT32018	TRANSPORTATION ENGINEERING LAB	24	46	2
143C1A0152	RT32011	ENVIRONMENTAL ENGINEERING I	19	31	3
143C1A0152	RT32012	GEOTECHNICAL ENGINEERING II	20	24	3
143C1A0152	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	26	3
143C1A0152	RT32014	WATER RESOURCES ENGINEERING I	21	30	3
143C1A0152	RT32015	TRANSPORTATION ENGINEERING II	18	54	3
143C1A0152	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	36	3
143C1A0152	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	60	2
143C1A0152	RT32018	TRANSPORTATION ENGINEERING LAB	18	36	2
143C1A0153	RT32011	ENVIRONMENTAL ENGINEERING I	23	51	3
143C1A0153	RT32012	GEOTECHNICAL ENGINEERING II	24	53	3
143C1A0153	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	43	3
143C1A0153	RT32014	WATER RESOURCES ENGINEERING I	28	36	3
143C1A0153	RT32015	TRANSPORTATION ENGINEERING II	27	40	3
143C1A0153	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	27	70	3
143C1A0153	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	66	2
143C1A0153	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
143C1A0154	RT32011	ENVIRONMENTAL ENGINEERING I	24	34	3
143C1A0154	RT32012	GEOTECHNICAL ENGINEERING II	19	30	3
143C1A0154	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	10	0
143C1A0154	RT32014	WATER RESOURCES ENGINEERING I	26	33	3
143C1A0154	RT32015	TRANSPORTATION ENGINEERING II	27	26	3
143C1A0154	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	58	3
143C1A0154	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	58	2
143C1A0154	RT32018	TRANSPORTATION ENGINEERING LAB	16	33	2
143C1A0155	RT32011	ENVIRONMENTAL ENGINEERING I	26	44	3
143C1A0155	RT32012	GEOTECHNICAL ENGINEERING II	26	70	3
143C1A0155	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	65	3
143C1A0155	RT32014	WATER RESOURCES ENGINEERING I	30	70	3
143C1A0155	RT32015	TRANSPORTATION ENGINEERING II	29	29	3
143C1A0155	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	52	3
143C1A0155	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	68	2
143C1A0155	RT32018	TRANSPORTATION ENGINEERING LAB	24	46	2
143C1A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	53	3
143C1A0201	RT32022	SWITCHGEAR AND PROTECTION	30	28	3
143C1A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	30	44	3
143C1A0201	RT32024	POWER SYSTEM ANALYSIS	30	58	3
143C1A0201	RT32025	MANAGEMENT SCIENCE	29	53	3
143C1A0201	RT32026	POWER SEMICONDUCTOR DRIVES	29	54	3
143C1A0201	RT32027	POWER ELECTRONICS LAB	24	48	2
143C1A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
143C1A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	18	0
143C1A0202	RT32022	SWITCHGEAR AND PROTECTION	27	11	0
143C1A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	24	3
143C1A0202	RT32024	POWER SYSTEM ANALYSIS	24	35	3
143C1A0202	RT32025	MANAGEMENT SCIENCE	27	32	3
143C1A0202	RT32026	POWER SEMICONDUCTOR DRIVES	26	28	3
143C1A0202	RT32027	POWER ELECTRONICS LAB	22	46	2

Htno	Subcode	Subname	Internal	External	Credits
143C1A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	23	44	2
143C1A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	26	3
143C1A0203	RT32022	SWITCHGEAR AND PROTECTION	26	11	0
143C1A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	27	3
143C1A0203	RT32024	POWER SYSTEM ANALYSIS	24	24	3
143C1A0203	RT32025	MANAGEMENT SCIENCE	28	14	0
143C1A0203	RT32026	POWER SEMICONDUCTOR DRIVES	24	4	0
143C1A0203	RT32027	POWER ELECTRONICS LAB	22	46	2
143C1A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	24	44	2
143C1A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	29	24	3
143C1A0204	RT32022	SWITCHGEAR AND PROTECTION	27	42	3
143C1A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	66	3
143C1A0204	RT32024	POWER SYSTEM ANALYSIS	29	53	3
143C1A0204	RT32025	MANAGEMENT SCIENCE	28	29	3
143C1A0204	RT32026	POWER SEMICONDUCTOR DRIVES	27	44	3
143C1A0204	RT32027	POWER ELECTRONICS LAB	23	49	2
143C1A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
143C1A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	33	3
143C1A0205	RT32022	SWITCHGEAR AND PROTECTION	28	16	0
143C1A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	37	3
143C1A0205	RT32024	POWER SYSTEM ANALYSIS	30	59	3
143C1A0205	RT32025	MANAGEMENT SCIENCE	27	54	3
143C1A0205	RT32026	POWER SEMICONDUCTOR DRIVES	28	43	3
143C1A0205	RT32027	POWER ELECTRONICS LAB	24	48	2
143C1A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
143C1A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	18	0
143C1A0206	RT32022	SWITCHGEAR AND PROTECTION	18	11	0
143C1A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	24	3
143C1A0206	RT32024	POWER SYSTEM ANALYSIS	18	30	3
143C1A0206	RT32025	MANAGEMENT SCIENCE	15	26	3
143C1A0206	RT32026	POWER SEMICONDUCTOR DRIVES	15	26	3
143C1A0206	RT32027	POWER ELECTRONICS LAB	19	30	2
143C1A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	24	44	2
143C1A0301	RT32031	OPERATIONS RESEARCH	11	7	0
143C1A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	32	3
143C1A0301	RT32033	DESIGN OF MACHINE MEMBERS II	20	25	3
143C1A0301	RT32034	ROBOTICS	15	12	0
143C1A0301	RT32035	HEAT TRANSFER	17	17	0
143C1A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	0	0
143C1A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	15	4	0
143C1A0301	RT32038	HEAT TRANSFER LAB	23	49	2
143C1A0302	RT32031	OPERATIONS RESEARCH	18	40	3
143C1A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	33	3
143C1A0302	RT32033	DESIGN OF MACHINE MEMBERS II	25	44	3
143C1A0302	RT32034	ROBOTICS	18	33	3
143C1A0302	RT32035	HEAT TRANSFER	26	40	3
143C1A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	28	3
143C1A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	22	48	3
143C1A0302	RT32038	HEAT TRANSFER LAB	22	43	2
143C1A0303	RT32031	OPERATIONS RESEARCH	23	36	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	51	3
143C1A0303	RT32033	DESIGN OF MACHINE MEMBERS II	28	40	3
143C1A0303	RT32034	ROBOTICS	24	29	3
143C1A0303	RT32035	HEAT TRANSFER	29	50	3
143C1A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	50	3
143C1A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	23	49	3
143C1A0303	RT32038	HEAT TRANSFER LAB	24	42	2
143C1A0304	RT32031	OPERATIONS RESEARCH	12	6	0
143C1A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	26	3
143C1A0304	RT32033	DESIGN OF MACHINE MEMBERS II	27	24	3
143C1A0304	RT32034	ROBOTICS	18	25	3
143C1A0304	RT32035	HEAT TRANSFER	27	17	0
143C1A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	25	3
143C1A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	23	24	3
143C1A0304	RT32038	HEAT TRANSFER LAB	23	49	2
143C1A0305	RT32031	OPERATIONS RESEARCH	11	10	0
143C1A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	31	3
143C1A0305	RT32033	DESIGN OF MACHINE MEMBERS II	27	24	3
143C1A0305	RT32034	ROBOTICS	16	4	0
143C1A0305	RT32035	HEAT TRANSFER	23	14	0
143C1A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	16	0
143C1A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	21	25	3
143C1A0305	RT32038	HEAT TRANSFER LAB	21	44	2
143C1A0306	RT32031	OPERATIONS RESEARCH	4	27	0
143C1A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	3	0
143C1A0306	RT32033	DESIGN OF MACHINE MEMBERS II	23	29	3
143C1A0306	RT32034	ROBOTICS	8	8	0
143C1A0306	RT32035	HEAT TRANSFER	18	34	3
143C1A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	28	3
143C1A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	19	24	3
143C1A0306	RT32038	HEAT TRANSFER LAB	23	47	2
143C1A0307	RT32031	OPERATIONS RESEARCH	10	30	3
143C1A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	12	0
143C1A0307	RT32033	DESIGN OF MACHINE MEMBERS II	23	24	3
143C1A0307	RT32034	ROBOTICS	16	26	3
143C1A0307	RT32035	HEAT TRANSFER	21	32	3
143C1A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	42	3
143C1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	19	28	3
143C1A0307	RT32038	HEAT TRANSFER LAB	22	49	2
143C1A0308	RT32031	OPERATIONS RESEARCH	11	11	0
143C1A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	28	3
143C1A0308	RT32033	DESIGN OF MACHINE MEMBERS II	21	33	3
143C1A0308	RT32034	ROBOTICS	18	26	3
143C1A0308	RT32035	HEAT TRANSFER	26	39	3
143C1A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	25	3
143C1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	19	16	0
143C1A0308	RT32038	HEAT TRANSFER LAB	23	43	2
143C1A0309	RT32031	OPERATIONS RESEARCH	19	36	3
143C1A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	35	3
143C1A0309	RT32033	DESIGN OF MACHINE MEMBERS II	26	50	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0309	RT32034	ROBOTICS	21	32	3
143C1A0309	RT32035	HEAT TRANSFER	26	37	3
143C1A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	54	3
143C1A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	21	37	3
143C1A0309	RT32038	HEAT TRANSFER LAB	22	44	2
143C1A0310	RT32031	OPERATIONS RESEARCH	11	9	0
143C1A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	14	0
143C1A0310	RT32033	DESIGN OF MACHINE MEMBERS II	27	33	3
143C1A0310	RT32034	ROBOTICS	19	2	0
143C1A0310	RT32035	HEAT TRANSFER	22	24	3
143C1A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	9	0
143C1A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	18	17	0
143C1A0310	RT32038	HEAT TRANSFER LAB	21	49	2
143C1A0311	RT32031	OPERATIONS RESEARCH	13	27	3
143C1A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	20	0
143C1A0311	RT32033	DESIGN OF MACHINE MEMBERS II	26	24	3
143C1A0311	RT32034	ROBOTICS	17	18	0
143C1A0311	RT32035	HEAT TRANSFER	17	24	3
143C1A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	30	3
143C1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	18	5	0
143C1A0311	RT32038	HEAT TRANSFER LAB	22	49	2
143C1A0312	RT32031	OPERATIONS RESEARCH	20	9	0
143C1A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	41	3
143C1A0312	RT32033	DESIGN OF MACHINE MEMBERS II	29	39	3
143C1A0312	RT32034	ROBOTICS	26	42	3
143C1A0312	RT32035	HEAT TRANSFER	28	39	3
143C1A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	31	3
143C1A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	26	24	3
143C1A0312	RT32038	HEAT TRANSFER LAB	24	48	2
143C1A0313	RT32031	OPERATIONS RESEARCH	10	10	0
143C1A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	30	3
143C1A0313	RT32033	DESIGN OF MACHINE MEMBERS II	18	26	3
143C1A0313	RT32034	ROBOTICS	18	25	3
143C1A0313	RT32035	HEAT TRANSFER	21	17	0
143C1A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	13	0
143C1A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
143C1A0313	RT32038	HEAT TRANSFER LAB	21	45	2
143C1A0314	RT32031	OPERATIONS RESEARCH	10	33	3
143C1A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	28	3
143C1A0314	RT32033	DESIGN OF MACHINE MEMBERS II	21	43	3
143C1A0314	RT32034	ROBOTICS	17	24	3
143C1A0314	RT32035	HEAT TRANSFER	22	45	3
143C1A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	16	0
143C1A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	24	24	3
143C1A0314	RT32038	HEAT TRANSFER LAB	22	47	2
143C1A0315	RT32031	OPERATIONS RESEARCH	11	29	3
143C1A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
143C1A0315	RT32033	DESIGN OF MACHINE MEMBERS II	28	24	3
143C1A0315	RT32034	ROBOTICS	19	4	0
143C1A0315	RT32035	HEAT TRANSFER	20	33	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	17	0
143C1A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	21	17	0
143C1A0315	RT32038	HEAT TRANSFER LAB	23	43	2
143C1A0316	RT32031	OPERATIONS RESEARCH	11	0	0
143C1A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	3	0
143C1A0316	RT32033	DESIGN OF MACHINE MEMBERS II	23	27	3
143C1A0316	RT32034	ROBOTICS	16	24	3
143C1A0316	RT32035	HEAT TRANSFER	20	9	0
143C1A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	5	0
143C1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	17	14	0
143C1A0316	RT32038	HEAT TRANSFER LAB	23	49	2
143C1A0317	RT32031	OPERATIONS RESEARCH	8	13	0
143C1A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	38	3
143C1A0317	RT32033	DESIGN OF MACHINE MEMBERS II	22	33	3
143C1A0317	RT32034	ROBOTICS	19	31	3
143C1A0317	RT32035	HEAT TRANSFER	15	12	0
143C1A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	30	3
143C1A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	13	28	3
143C1A0317	RT32038	HEAT TRANSFER LAB	24	42	2
143C1A0318	RT32031	OPERATIONS RESEARCH	14	30	3
143C1A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	32	3
143C1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	30	28	3
143C1A0318	RT32034	ROBOTICS	26	34	3
143C1A0318	RT32035	HEAT TRANSFER	29	42	3
143C1A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	27	3
143C1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	26	33	3
143C1A0318	RT32038	HEAT TRANSFER LAB	22	44	2
143C1A0320	RT32031	OPERATIONS RESEARCH	8	1	0
143C1A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	2	0
143C1A0320	RT32033	DESIGN OF MACHINE MEMBERS II	7	5	0
143C1A0320	RT32034	ROBOTICS	6	0	0
143C1A0320	RT32035	HEAT TRANSFER	12	0	0
143C1A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	2	4	0
143C1A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	16	3	0
143C1A0320	RT32038	HEAT TRANSFER LAB	23	49	2
143C1A0321	RT32031	OPERATIONS RESEARCH	11	7	0
143C1A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	12	0
143C1A0321	RT32033	DESIGN OF MACHINE MEMBERS II	24	24	3
143C1A0321	RT32034	ROBOTICS	12	20	0
143C1A0321	RT32035	HEAT TRANSFER	21	26	3
143C1A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	15	0
143C1A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	16	18	0
143C1A0321	RT32038	HEAT TRANSFER LAB	22	43	2
143C1A0322	RT32031	OPERATIONS RESEARCH	11	9	0
143C1A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	38	3
143C1A0322	RT32033	DESIGN OF MACHINE MEMBERS II	25	31	3
143C1A0322	RT32034	ROBOTICS	20	31	3
143C1A0322	RT32035	HEAT TRANSFER	23	24	3
143C1A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	11	0
143C1A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	22	27	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0322	RT32038	HEAT TRANSFER LAB	22	46	2
143C1A0323	RT32031	OPERATIONS RESEARCH	18	36	3
143C1A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	31	3
143C1A0323	RT32033	DESIGN OF MACHINE MEMBERS II	18	59	3
143C1A0323	RT32034	ROBOTICS	19	34	3
143C1A0323	RT32035	HEAT TRANSFER	20	43	3
143C1A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	29	3
143C1A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	25	32	3
143C1A0323	RT32038	HEAT TRANSFER LAB	23	45	2
143C1A0324	RT32031	OPERATIONS RESEARCH	10	24	0
143C1A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	13	0
143C1A0324	RT32033	DESIGN OF MACHINE MEMBERS II	23	24	3
143C1A0324	RT32034	ROBOTICS	19	15	0
143C1A0324	RT32035	HEAT TRANSFER	20	34	3
143C1A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	37	3
143C1A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	21	19	0
143C1A0324	RT32038	HEAT TRANSFER LAB	22	43	2
143C1A0325	RT32031	OPERATIONS RESEARCH	11	0	0
143C1A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	3	0
143C1A0325	RT32033	DESIGN OF MACHINE MEMBERS II	12	0	0
143C1A0325	RT32034	ROBOTICS	12	0	0
143C1A0325	RT32035	HEAT TRANSFER	18	0	0
143C1A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	0	0
143C1A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	18	0	0
143C1A0325	RT32038	HEAT TRANSFER LAB	23	49	2
143C1A0326	RT32031	OPERATIONS RESEARCH	11	21	0
143C1A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	28	3
143C1A0326	RT32033	DESIGN OF MACHINE MEMBERS II	19	24	3
143C1A0326	RT32034	ROBOTICS	17	24	3
143C1A0326	RT32035	HEAT TRANSFER	21	20	0
143C1A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	15	0
143C1A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	21	13	0
143C1A0326	RT32038	HEAT TRANSFER LAB	24	49	2
143C1A0327	RT32031	OPERATIONS RESEARCH	14	27	3
143C1A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	25	3
143C1A0327	RT32033	DESIGN OF MACHINE MEMBERS II	26	33	3
143C1A0327	RT32034	ROBOTICS	14	4	0
143C1A0327	RT32035	HEAT TRANSFER	18	36	3
143C1A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	10	0
143C1A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	18	17	0
143C1A0327	RT32038	HEAT TRANSFER LAB	22	46	2
143C1A0328	RT32031	OPERATIONS RESEARCH	19	27	3
143C1A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	27	3
143C1A0328	RT32033	DESIGN OF MACHINE MEMBERS II	24	44	3
143C1A0328	RT32034	ROBOTICS	21	28	3
143C1A0328	RT32035	HEAT TRANSFER	25	38	3
143C1A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	44	3
143C1A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	17	31	3
143C1A0328	RT32038	HEAT TRANSFER LAB	22	43	2
143C1A0329	RT32031	OPERATIONS RESEARCH	10	14	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0329	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
143C1A0329	RT32033	DESIGN OF MACHINE MEMBERS II	19	24	3
143C1A0329	RT32034	ROBOTICS	16	24	3
143C1A0329	RT32035	HEAT TRANSFER	20	18	0
143C1A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	13	14	0
143C1A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	22	16	0
143C1A0329	RT32038	HEAT TRANSFER LAB	23	44	2
143C1A0330	RT32031	OPERATIONS RESEARCH	12	19	0
143C1A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	33	3
143C1A0330	RT32033	DESIGN OF MACHINE MEMBERS II	24	25	3
143C1A0330	RT32034	ROBOTICS	16	24	3
143C1A0330	RT32035	HEAT TRANSFER	25	34	3
143C1A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	24	3
143C1A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
143C1A0330	RT32038	HEAT TRANSFER LAB	23	48	2
143C1A0331	RT32031	OPERATIONS RESEARCH	8	32	3
143C1A0331	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	7	0
143C1A0331	RT32033	DESIGN OF MACHINE MEMBERS II	25	26	3
143C1A0331	RT32034	ROBOTICS	21	15	0
143C1A0331	RT32035	HEAT TRANSFER	19	31	3
143C1A0331	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	27	3
143C1A0331	RT32037A	REFRIGERATION & AIR CONDITIONING	23	13	0
143C1A0331	RT32038	HEAT TRANSFER LAB	24	49	2
143C1A0332	RT32031	OPERATIONS RESEARCH	14	8	0
143C1A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	14	0
143C1A0332	RT32033	DESIGN OF MACHINE MEMBERS II	17	3	0
143C1A0332	RT32034	ROBOTICS	16	10	0
143C1A0332	RT32035	HEAT TRANSFER	19	18	0
143C1A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	4	7	0
143C1A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	16	-1	0
143C1A0332	RT32038	HEAT TRANSFER LAB	23	40	2
143C1A0333	RT32031	OPERATIONS RESEARCH	13	4	0
143C1A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	33	3
143C1A0333	RT32033	DESIGN OF MACHINE MEMBERS II	21	32	3
143C1A0333	RT32034	ROBOTICS	23	24	3
143C1A0333	RT32035	HEAT TRANSFER	24	19	0
143C1A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	28	3
143C1A0333	RT32037A	REFRIGERATION & AIR CONDITIONING	24	26	3
143C1A0333	RT32038	HEAT TRANSFER LAB	22	46	2
143C1A0334	RT32031	OPERATIONS RESEARCH	10	10	0
143C1A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	31	3
143C1A0334	RT32033	DESIGN OF MACHINE MEMBERS II	18	24	3
143C1A0334	RT32034	ROBOTICS	10	33	3
143C1A0334	RT32035	HEAT TRANSFER	17	31	3
143C1A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	11	0
143C1A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	12	28	3
143C1A0334	RT32038	HEAT TRANSFER LAB	22	42	2
143C1A0335	RT32031	OPERATIONS RESEARCH	15	37	3
143C1A0335	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	45	3
143C1A0335	RT32033	DESIGN OF MACHINE MEMBERS II	26	50	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0335	RT32034	ROBOTICS	16	16	0
143C1A0335	RT32035	HEAT TRANSFER	21	33	3
143C1A0335	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	15	0
143C1A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	22	34	3
143C1A0335	RT32038	HEAT TRANSFER LAB	23	43	2
143C1A0336	RT32031	OPERATIONS RESEARCH	13	34	3
143C1A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	26	3
143C1A0336	RT32033	DESIGN OF MACHINE MEMBERS II	26	33	3
143C1A0336	RT32034	ROBOTICS	22	14	0
143C1A0336	RT32035	HEAT TRANSFER	27	35	3
143C1A0336	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	28	3
143C1A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	21	16	0
143C1A0336	RT32038	HEAT TRANSFER LAB	23	48	2
143C1A0337	RT32031	OPERATIONS RESEARCH	7	0	0
143C1A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	14	0
143C1A0337	RT32033	DESIGN OF MACHINE MEMBERS II	15	13	0
143C1A0337	RT32034	ROBOTICS	14	13	0
143C1A0337	RT32035	HEAT TRANSFER	16	0	0
143C1A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	5	0
143C1A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	12	2	0
143C1A0337	RT32038	HEAT TRANSFER LAB	22	42	2
143C1A0338	RT32031	OPERATIONS RESEARCH	16	13	0
143C1A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	12	0
143C1A0338	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
143C1A0338	RT32034	ROBOTICS	17	26	3
143C1A0338	RT32035	HEAT TRANSFER	23	24	3
143C1A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	11	0
143C1A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	17	18	0
143C1A0338	RT32038	HEAT TRANSFER LAB	21	44	2
143C1A0339	RT32031	OPERATIONS RESEARCH	13	33	3
143C1A0339	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	43	3
143C1A0339	RT32033	DESIGN OF MACHINE MEMBERS II	26	50	3
143C1A0339	RT32034	ROBOTICS	21	24	3
143C1A0339	RT32035	HEAT TRANSFER	26	40	3
143C1A0339	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	28	3
143C1A0339	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
143C1A0339	RT32038	HEAT TRANSFER LAB	23	49	2
143C1A0340	RT32031	OPERATIONS RESEARCH	13	27	3
143C1A0340	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	17	0
143C1A0340	RT32033	DESIGN OF MACHINE MEMBERS II	25	18	0
143C1A0340	RT32034	ROBOTICS	20	19	0
143C1A0340	RT32035	HEAT TRANSFER	24	32	3
143C1A0340	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	37	3
143C1A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	17	24	3
143C1A0340	RT32038	HEAT TRANSFER LAB	21	48	2
143C1A0341	RT32031	OPERATIONS RESEARCH	13	32	3
143C1A0341	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	27	3
143C1A0341	RT32033	DESIGN OF MACHINE MEMBERS II	26	24	3
143C1A0341	RT32034	ROBOTICS	23	26	3
143C1A0341	RT32035	HEAT TRANSFER	26	43	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0341	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	26	3
143C1A0341	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
143C1A0341	RT32038	HEAT TRANSFER LAB	22	46	2
143C1A0342	RT32031	OPERATIONS RESEARCH	25	16	0
143C1A0342	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	32	3
143C1A0342	RT32033	DESIGN OF MACHINE MEMBERS II	28	38	3
143C1A0342	RT32034	ROBOTICS	20	31	3
143C1A0342	RT32035	HEAT TRANSFER	28	38	3
143C1A0342	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	16	0
143C1A0342	RT32037A	REFRIGERATION & AIR CONDITIONING	24	33	3
143C1A0342	RT32038	HEAT TRANSFER LAB	24	49	2
143C1A0343	RT32031	OPERATIONS RESEARCH	18	35	3
143C1A0343	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	35	3
143C1A0343	RT32033	DESIGN OF MACHINE MEMBERS II	25	41	3
143C1A0343	RT32034	ROBOTICS	25	16	0
143C1A0343	RT32035	HEAT TRANSFER	25	35	3
143C1A0343	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	27	3
143C1A0343	RT32037A	REFRIGERATION & AIR CONDITIONING	22	33	3
143C1A0343	RT32038	HEAT TRANSFER LAB	23	43	2
143C1A0345	RT32031	OPERATIONS RESEARCH	15	30	3
143C1A0345	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	33	3
143C1A0345	RT32033	DESIGN OF MACHINE MEMBERS II	21	39	3
143C1A0345	RT32034	ROBOTICS	23	27	3
143C1A0345	RT32035	HEAT TRANSFER	23	32	3
143C1A0345	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	46	3
143C1A0345	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
143C1A0345	RT32038	HEAT TRANSFER LAB	24	46	2
143C1A0346	RT32031	OPERATIONS RESEARCH	20	10	0
143C1A0346	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	35	3
143C1A0346	RT32033	DESIGN OF MACHINE MEMBERS II	29	45	3
143C1A0346	RT32034	ROBOTICS	27	26	3
143C1A0346	RT32035	HEAT TRANSFER	26	41	3
143C1A0346	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	31	3
143C1A0346	RT32037A	REFRIGERATION & AIR CONDITIONING	25	29	3
143C1A0346	RT32038	HEAT TRANSFER LAB	24	49	2
143C1A0347	RT32031	OPERATIONS RESEARCH	14	11	0
143C1A0347	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	0	0
143C1A0347	RT32033	DESIGN OF MACHINE MEMBERS II	25	29	3
143C1A0347	RT32034	ROBOTICS	18	24	3
143C1A0347	RT32035	HEAT TRANSFER	27	15	0
143C1A0347	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	14	0
143C1A0347	RT32037A	REFRIGERATION & AIR CONDITIONING	15	8	0
143C1A0347	RT32038	HEAT TRANSFER LAB	23	42	2
143C1A0348	RT32031	OPERATIONS RESEARCH	13	30	3
143C1A0348	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
143C1A0348	RT32033	DESIGN OF MACHINE MEMBERS II	24	34	3
143C1A0348	RT32034	ROBOTICS	17	16	0
143C1A0348	RT32035	HEAT TRANSFER	22	0	0
143C1A0348	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	0	0
143C1A0348	RT32037A	REFRIGERATION & AIR CONDITIONING	16	12	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0348	RT32038	HEAT TRANSFER LAB	23	44	2
143C1A0349	RT32031	OPERATIONS RESEARCH	13	31	3
143C1A0349	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
143C1A0349	RT32033	DESIGN OF MACHINE MEMBERS II	28	8	0
143C1A0349	RT32034	ROBOTICS	20	15	0
143C1A0349	RT32035	HEAT TRANSFER	24	40	3
143C1A0349	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	34	3
143C1A0349	RT32037A	REFRIGERATION & AIR CONDITIONING	25	33	3
143C1A0349	RT32038	HEAT TRANSFER LAB	24	48	2
143C1A0350	RT32031	OPERATIONS RESEARCH	15	39	3
143C1A0350	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	33	3
143C1A0350	RT32033	DESIGN OF MACHINE MEMBERS II	28	37	3
143C1A0350	RT32034	ROBOTICS	22	32	3
143C1A0350	RT32035	HEAT TRANSFER	27	41	3
143C1A0350	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	27	3
143C1A0350	RT32037A	REFRIGERATION & AIR CONDITIONING	23	24	3
143C1A0350	RT32038	HEAT TRANSFER LAB	24	45	2
143C1A0351	RT32031	OPERATIONS RESEARCH	17	13	0
143C1A0351	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	41	3
143C1A0351	RT32033	DESIGN OF MACHINE MEMBERS II	28	48	3
143C1A0351	RT32034	ROBOTICS	25	36	3
143C1A0351	RT32035	HEAT TRANSFER	23	26	3
143C1A0351	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	39	3
143C1A0351	RT32037A	REFRIGERATION & AIR CONDITIONING	25	45	3
143C1A0351	RT32038	HEAT TRANSFER LAB	24	45	2
143C1A0352	RT32031	OPERATIONS RESEARCH	17	27	3
143C1A0352	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	34	3
143C1A0352	RT32033	DESIGN OF MACHINE MEMBERS II	25	8	0
143C1A0352	RT32034	ROBOTICS	17	17	0
143C1A0352	RT32035	HEAT TRANSFER	18	42	3
143C1A0352	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	34	3
143C1A0352	RT32037A	REFRIGERATION & AIR CONDITIONING	21	16	0
143C1A0352	RT32038	HEAT TRANSFER LAB	24	45	2
143C1A0353	RT32031	OPERATIONS RESEARCH	21	26	3
143C1A0353	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	26	3
143C1A0353	RT32033	DESIGN OF MACHINE MEMBERS II	22	32	3
143C1A0353	RT32034	ROBOTICS	22	28	3
143C1A0353	RT32035	HEAT TRANSFER	20	32	3
143C1A0353	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	44	3
143C1A0353	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
143C1A0353	RT32038	HEAT TRANSFER LAB	23	45	2
143C1A0354	RT32031	OPERATIONS RESEARCH	13	0	0
143C1A0354	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	7	0
143C1A0354	RT32033	DESIGN OF MACHINE MEMBERS II	24	3	0
143C1A0354	RT32034	ROBOTICS	18	0	0
143C1A0354	RT32035	HEAT TRANSFER	23	10	0
143C1A0354	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	8	0	0
143C1A0354	RT32037A	REFRIGERATION & AIR CONDITIONING	18	0	0
143C1A0354	RT32038	HEAT TRANSFER LAB	23	45	2
143C1A0355	RT32031	OPERATIONS RESEARCH	12	7	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0355	RT32032	INTERACTIVE COMPUTER GRAPHICS	12	33	3
143C1A0355	RT32033	DESIGN OF MACHINE MEMBERS II	24	30	3
143C1A0355	RT32034	ROBOTICS	14	8	0
143C1A0355	RT32035	HEAT TRANSFER	22	0	0
143C1A0355	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	0	0
143C1A0355	RT32037A	REFRIGERATION & AIR CONDITIONING	18	10	0
143C1A0355	RT32038	HEAT TRANSFER LAB	23	45	2
143C1A0356	RT32031	OPERATIONS RESEARCH	19	39	3
143C1A0356	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	30	3
143C1A0356	RT32033	DESIGN OF MACHINE MEMBERS II	28	53	3
143C1A0356	RT32034	ROBOTICS	24	34	3
143C1A0356	RT32035	HEAT TRANSFER	27	46	3
143C1A0356	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	24	3
143C1A0356	RT32037A	REFRIGERATION & AIR CONDITIONING	19	24	3
143C1A0356	RT32038	HEAT TRANSFER LAB	23	46	2
143C1A0357	RT32031	OPERATIONS RESEARCH	11	19	0
143C1A0357	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	35	3
143C1A0357	RT32033	DESIGN OF MACHINE MEMBERS II	22	41	3
143C1A0357	RT32034	ROBOTICS	19	12	0
143C1A0357	RT32035	HEAT TRANSFER	24	33	3
143C1A0357	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	43	3
143C1A0357	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
143C1A0357	RT32038	HEAT TRANSFER LAB	23	45	2
143C1A0358	RT32031	OPERATIONS RESEARCH	13	4	0
143C1A0358	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	30	3
143C1A0358	RT32033	DESIGN OF MACHINE MEMBERS II	21	36	3
143C1A0358	RT32034	ROBOTICS	18	14	0
143C1A0358	RT32035	HEAT TRANSFER	23	24	3
143C1A0358	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	27	3
143C1A0358	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
143C1A0358	RT32038	HEAT TRANSFER LAB	22	45	2
143C1A0359	RT32031	OPERATIONS RESEARCH	10	29	0
143C1A0359	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	12	0
143C1A0359	RT32033	DESIGN OF MACHINE MEMBERS II	21	20	0
143C1A0359	RT32034	ROBOTICS	17	24	3
143C1A0359	RT32035	HEAT TRANSFER	23	7	0
143C1A0359	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	9	20	0
143C1A0359	RT32037A	REFRIGERATION & AIR CONDITIONING	22	8	0
143C1A0359	RT32038	HEAT TRANSFER LAB	23	44	2
143C1A0360	RT32031	OPERATIONS RESEARCH	12	20	0
143C1A0360	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
143C1A0360	RT32033	DESIGN OF MACHINE MEMBERS II	19	31	3
143C1A0360	RT32034	ROBOTICS	14	7	0
143C1A0360	RT32035	HEAT TRANSFER	16	24	3
143C1A0360	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	4	0
143C1A0360	RT32037A	REFRIGERATION & AIR CONDITIONING	18	12	0
143C1A0360	RT32038	HEAT TRANSFER LAB	24	45	2
143C1A0361	RT32031	OPERATIONS RESEARCH	12	11	0
143C1A0361	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	24	3
143C1A0361	RT32033	DESIGN OF MACHINE MEMBERS II	16	0	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0361	RT32034	ROBOTICS	13	3	0
143C1A0361	RT32035	HEAT TRANSFER	24	24	3
143C1A0361	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	10	0
143C1A0361	RT32037A	REFRIGERATION & AIR CONDITIONING	18	10	0
143C1A0361	RT32038	HEAT TRANSFER LAB	23	46	2
143C1A0362	RT32031	OPERATIONS RESEARCH	22	8	0
143C1A0362	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	14	0
143C1A0362	RT32033	DESIGN OF MACHINE MEMBERS II	19	21	0
143C1A0362	RT32034	ROBOTICS	16	24	3
143C1A0362	RT32035	HEAT TRANSFER	22	26	3
143C1A0362	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	12	22	0
143C1A0362	RT32037A	REFRIGERATION & AIR CONDITIONING	17	6	0
143C1A0362	RT32038	HEAT TRANSFER LAB	23	43	2
143C1A0363	RT32031	OPERATIONS RESEARCH	12	20	0
143C1A0363	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	11	0
143C1A0363	RT32033	DESIGN OF MACHINE MEMBERS II	21	32	3
143C1A0363	RT32034	ROBOTICS	20	24	3
143C1A0363	RT32035	HEAT TRANSFER	23	35	3
143C1A0363	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	24	3
143C1A0363	RT32037A	REFRIGERATION & AIR CONDITIONING	20	30	3
143C1A0363	RT32038	HEAT TRANSFER LAB	23	45	2
143C1A0364	RT32031	OPERATIONS RESEARCH	17	45	3
143C1A0364	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	37	3
143C1A0364	RT32033	DESIGN OF MACHINE MEMBERS II	22	45	3
143C1A0364	RT32034	ROBOTICS	20	13	0
143C1A0364	RT32035	HEAT TRANSFER	20	33	3
143C1A0364	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	6	0
143C1A0364	RT32037A	REFRIGERATION & AIR CONDITIONING	21	3	0
143C1A0364	RT32038	HEAT TRANSFER LAB	23	43	2
143C1A0365	RT32031	OPERATIONS RESEARCH	22	30	3
143C1A0365	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	47	3
143C1A0365	RT32033	DESIGN OF MACHINE MEMBERS II	26	38	3
143C1A0365	RT32034	ROBOTICS	25	16	0
143C1A0365	RT32035	HEAT TRANSFER	24	43	3
143C1A0365	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	29	16	0
143C1A0365	RT32037A	REFRIGERATION & AIR CONDITIONING	25	24	3
143C1A0365	RT32038	HEAT TRANSFER LAB	23	44	2
143C1A0366	RT32031	OPERATIONS RESEARCH	17	9	0
143C1A0366	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	28	3
143C1A0366	RT32033	DESIGN OF MACHINE MEMBERS II	21	25	3
143C1A0366	RT32034	ROBOTICS	26	29	3
143C1A0366	RT32035	HEAT TRANSFER	23	45	3
143C1A0366	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	27	3
143C1A0366	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
143C1A0366	RT32038	HEAT TRANSFER LAB	23	46	2
143C1A0367	RT32031	OPERATIONS RESEARCH	23	37	3
143C1A0367	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	34	3
143C1A0367	RT32033	DESIGN OF MACHINE MEMBERS II	27	48	3
143C1A0367	RT32034	ROBOTICS	19	38	3
143C1A0367	RT32035	HEAT TRANSFER	23	35	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0367	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	38	3
143C1A0367	RT32037A	REFRIGERATION & AIR CONDITIONING	23	30	3
143C1A0367	RT32038	HEAT TRANSFER LAB	23	45	2
143C1A0368	RT32031	OPERATIONS RESEARCH	15	31	3
143C1A0368	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	35	3
143C1A0368	RT32033	DESIGN OF MACHINE MEMBERS II	27	54	3
143C1A0368	RT32034	ROBOTICS	17	24	3
143C1A0368	RT32035	HEAT TRANSFER	23	43	3
143C1A0368	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	33	3
143C1A0368	RT32037A	REFRIGERATION & AIR CONDITIONING	22	33	3
143C1A0368	RT32038	HEAT TRANSFER LAB	23	49	2
143C1A0370	RT32031	OPERATIONS RESEARCH	15	15	0
143C1A0370	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	24	3
143C1A0370	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
143C1A0370	RT32034	ROBOTICS	19	8	0
143C1A0370	RT32035	HEAT TRANSFER	16	25	3
143C1A0370	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	24	3
143C1A0370	RT32037A	REFRIGERATION & AIR CONDITIONING	21	14	0
143C1A0370	RT32038	HEAT TRANSFER LAB	22	46	2
143C1A0371	RT32031	OPERATIONS RESEARCH	20	29	3
143C1A0371	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	35	3
143C1A0371	RT32033	DESIGN OF MACHINE MEMBERS II	26	33	3
143C1A0371	RT32034	ROBOTICS	29	38	3
143C1A0371	RT32035	HEAT TRANSFER	27	41	3
143C1A0371	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	43	3
143C1A0371	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
143C1A0371	RT32038	HEAT TRANSFER LAB	25	49	2
143C1A0372	RT32031	OPERATIONS RESEARCH	23	29	3
143C1A0372	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	39	3
143C1A0372	RT32033	DESIGN OF MACHINE MEMBERS II	23	44	3
143C1A0372	RT32034	ROBOTICS	22	34	3
143C1A0372	RT32035	HEAT TRANSFER	21	33	3
143C1A0372	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	32	3
143C1A0372	RT32037A	REFRIGERATION & AIR CONDITIONING	22	33	3
143C1A0372	RT32038	HEAT TRANSFER LAB	22	43	2
143C1A0373	RT32031	OPERATIONS RESEARCH	11	29	3
143C1A0373	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	24	3
143C1A0373	RT32033	DESIGN OF MACHINE MEMBERS II	19	37	3
143C1A0373	RT32034	ROBOTICS	23	2	0
143C1A0373	RT32035	HEAT TRANSFER	20	32	3
143C1A0373	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	26	3
143C1A0373	RT32037A	REFRIGERATION & AIR CONDITIONING	22	12	0
143C1A0373	RT32038	HEAT TRANSFER LAB	23	44	2
143C1A0374	RT32031	OPERATIONS RESEARCH	13	27	3
143C1A0374	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	17	0
143C1A0374	RT32033	DESIGN OF MACHINE MEMBERS II	23	30	3
143C1A0374	RT32034	ROBOTICS	13	8	0
143C1A0374	RT32035	HEAT TRANSFER	21	7	0
143C1A0374	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	17	0
143C1A0374	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0374	RT32038	HEAT TRANSFER LAB	22	42	2
143C1A0375	RT32031	OPERATIONS RESEARCH	20	12	0
143C1A0375	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	42	3
143C1A0375	RT32033	DESIGN OF MACHINE MEMBERS II	26	40	3
143C1A0375	RT32034	ROBOTICS	24	35	3
143C1A0375	RT32035	HEAT TRANSFER	22	43	3
143C1A0375	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	35	3
143C1A0375	RT32037A	REFRIGERATION & AIR CONDITIONING	22	33	3
143C1A0375	RT32038	HEAT TRANSFER LAB	23	44	2
143C1A0376	RT32031	OPERATIONS RESEARCH	17	13	0
143C1A0376	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	31	3
143C1A0376	RT32033	DESIGN OF MACHINE MEMBERS II	20	35	3
143C1A0376	RT32034	ROBOTICS	21	18	0
143C1A0376	RT32035	HEAT TRANSFER	23	24	3
143C1A0376	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	10	0
143C1A0376	RT32037A	REFRIGERATION & AIR CONDITIONING	19	27	3
143C1A0376	RT32038	HEAT TRANSFER LAB	22	45	2
143C1A0377	RT32031	OPERATIONS RESEARCH	12	28	3
143C1A0377	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	24	3
143C1A0377	RT32033	DESIGN OF MACHINE MEMBERS II	18	54	3
143C1A0377	RT32034	ROBOTICS	15	25	3
143C1A0377	RT32035	HEAT TRANSFER	18	29	3
143C1A0377	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	24	3
143C1A0377	RT32037A	REFRIGERATION & AIR CONDITIONING	21	13	0
143C1A0377	RT32038	HEAT TRANSFER LAB	23	43	2
143C1A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	24	3
143C1A0401	RT32042	DIGITAL SIGNAL PROCESSING	18	43	3
143C1A0401	RT32043	DIGITAL COMMUNICATIONS	25	31	3
143C1A0401	RT32044	MICROWAVE ENGINEERING	19	24	3
143C1A0401	RT32045A	BIO MEDICAL ENGINEERING	22	27	3
143C1A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	48	2
143C1A0401	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
143C1A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	43	2
143C1A0401	RT32049	SEMINAR	47	0	1
143C1A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	32	3
143C1A0402	RT32042	DIGITAL SIGNAL PROCESSING	20	40	3
143C1A0402	RT32043	DIGITAL COMMUNICATIONS	28	24	3
143C1A0402	RT32044	MICROWAVE ENGINEERING	28	20	0
143C1A0402	RT32045A	BIO MEDICAL ENGINEERING	22	26	3
143C1A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
143C1A0402	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
143C1A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	37	2
143C1A0402	RT32049	SEMINAR	49	0	1
143C1A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	25	3
143C1A0403	RT32042	DIGITAL SIGNAL PROCESSING	16	18	0
143C1A0403	RT32043	DIGITAL COMMUNICATIONS	20	9	0
143C1A0403	RT32044	MICROWAVE ENGINEERING	20	33	3
143C1A0403	RT32045A	BIO MEDICAL ENGINEERING	21	24	3
143C1A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	49	2
143C1A0403	RT32047	DIGITAL COMMUNICATIONS LAB	22	35	2

Htno	Subcode	Subname	Internal	External	Credits
143C1A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	40	2
143C1A0403	RT32049	SEMINAR	46	0	1
143C1A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	30	3
143C1A0404	RT32042	DIGITAL SIGNAL PROCESSING	22	48	3
143C1A0404	RT32043	DIGITAL COMMUNICATIONS	27	33	3
143C1A0404	RT32044	MICROWAVE ENGINEERING	25	34	3
143C1A0404	RT32045A	BIO MEDICAL ENGINEERING	23	28	3
143C1A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2
143C1A0404	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
143C1A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	43	2
143C1A0404	RT32049	SEMINAR	48	0	1
143C1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	13	0
143C1A0405	RT32042	DIGITAL SIGNAL PROCESSING	14	19	0
143C1A0405	RT32043	DIGITAL COMMUNICATIONS	25	18	0
143C1A0405	RT32044	MICROWAVE ENGINEERING	17	16	0
143C1A0405	RT32045A	BIO MEDICAL ENGINEERING	21	14	0
143C1A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
143C1A0405	RT32047	DIGITAL COMMUNICATIONS LAB	20	35	2
143C1A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	29	2
143C1A0405	RT32049	SEMINAR	45	0	1
143C1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	38	3
143C1A0406	RT32042	DIGITAL SIGNAL PROCESSING	27	42	3
143C1A0406	RT32043	DIGITAL COMMUNICATIONS	28	29	3
143C1A0406	RT32044	MICROWAVE ENGINEERING	27	38	3
143C1A0406	RT32045A	BIO MEDICAL ENGINEERING	25	31	3
143C1A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
143C1A0406	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
143C1A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
143C1A0406	RT32049	SEMINAR	49	0	1
143C1A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	40	3
143C1A0407	RT32042	DIGITAL SIGNAL PROCESSING	26	60	3
143C1A0407	RT32043	DIGITAL COMMUNICATIONS	26	43	3
143C1A0407	RT32044	MICROWAVE ENGINEERING	27	48	3
143C1A0407	RT32045A	BIO MEDICAL ENGINEERING	25	66	3
143C1A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	48	2
143C1A0407	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
143C1A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
143C1A0407	RT32049	SEMINAR	49	0	1
143C1A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	31	3
143C1A0408	RT32042	DIGITAL SIGNAL PROCESSING	23	51	3
143C1A0408	RT32043	DIGITAL COMMUNICATIONS	25	31	3
143C1A0408	RT32044	MICROWAVE ENGINEERING	27	52	3
143C1A0408	RT32045A	BIO MEDICAL ENGINEERING	24	26	3
143C1A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
143C1A0408	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
143C1A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
143C1A0408	RT32049	SEMINAR	49	0	1
143C1A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	8	3	0
143C1A0409	RT32042	DIGITAL SIGNAL PROCESSING	8	7	0
143C1A0409	RT32043	DIGITAL COMMUNICATIONS	19	17	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0409	RT32044	MICROWAVE ENGINEERING	8	0	0
143C1A0409	RT32045A	BIO MEDICAL ENGINEERING	8	16	0
143C1A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	20	2
143C1A0409	RT32047	DIGITAL COMMUNICATIONS LAB	21	30	2
143C1A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	11	5	0
143C1A0409	RT32049	SEMINAR	35	0	1
143C1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	11	0
143C1A0410	RT32042	DIGITAL SIGNAL PROCESSING	13	0	0
143C1A0410	RT32043	DIGITAL COMMUNICATIONS	19	0	0
143C1A0410	RT32044	MICROWAVE ENGINEERING	15	3	0
143C1A0410	RT32045A	BIO MEDICAL ENGINEERING	7	24	0
143C1A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	16	0
143C1A0410	RT32047	DIGITAL COMMUNICATIONS LAB	0	10	0
143C1A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	11	5	0
143C1A0410	RT32049	SEMINAR	25	0	1
143C1A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	44	3
143C1A0411	RT32042	DIGITAL SIGNAL PROCESSING	25	52	3
143C1A0411	RT32043	DIGITAL COMMUNICATIONS	30	37	3
143C1A0411	RT32044	MICROWAVE ENGINEERING	29	49	3
143C1A0411	RT32045A	BIO MEDICAL ENGINEERING	26	59	3
143C1A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
143C1A0411	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
143C1A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
143C1A0411	RT32049	SEMINAR	48	0	1
143C1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	16	0
143C1A0413	RT32042	DIGITAL SIGNAL PROCESSING	20	48	3
143C1A0413	RT32043	DIGITAL COMMUNICATIONS	21	9	0
143C1A0413	RT32044	MICROWAVE ENGINEERING	26	59	3
143C1A0413	RT32045A	BIO MEDICAL ENGINEERING	25	11	0
143C1A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
143C1A0413	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
143C1A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
143C1A0413	RT32049	SEMINAR	48	0	1
143C1A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	24	3
143C1A0414	RT32042	DIGITAL SIGNAL PROCESSING	17	18	0
143C1A0414	RT32043	DIGITAL COMMUNICATIONS	27	33	3
143C1A0414	RT32044	MICROWAVE ENGINEERING	25	45	3
143C1A0414	RT32045A	BIO MEDICAL ENGINEERING	25	34	3
143C1A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
143C1A0414	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
143C1A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
143C1A0414	RT32049	SEMINAR	47	0	1
143C1A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	24	3
143C1A0415	RT32042	DIGITAL SIGNAL PROCESSING	18	25	3
143C1A0415	RT32043	DIGITAL COMMUNICATIONS	26	18	0
143C1A0415	RT32044	MICROWAVE ENGINEERING	23	24	3
143C1A0415	RT32045A	BIO MEDICAL ENGINEERING	22	24	3
143C1A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	36	2
143C1A0415	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
143C1A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2

Htno	Subcode	Subname	Internal	External	Credits
143C1A0415	RT32049	SEMINAR	47	0	1
143C1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	40	3
143C1A0416	RT32042	DIGITAL SIGNAL PROCESSING	22	62	3
143C1A0416	RT32043	DIGITAL COMMUNICATIONS	28	34	3
143C1A0416	RT32044	MICROWAVE ENGINEERING	28	54	3
143C1A0416	RT32045A	BIO MEDICAL ENGINEERING	22	51	3
143C1A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
143C1A0416	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
143C1A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	42	2
143C1A0416	RT32049	SEMINAR	49	0	1
143C1A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	41	3
143C1A0417	RT32042	DIGITAL SIGNAL PROCESSING	19	42	3
143C1A0417	RT32043	DIGITAL COMMUNICATIONS	22	14	0
143C1A0417	RT32044	MICROWAVE ENGINEERING	21	46	3
143C1A0417	RT32045A	BIO MEDICAL ENGINEERING	24	31	3
143C1A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
143C1A0417	RT32047	DIGITAL COMMUNICATIONS LAB	20	42	2
143C1A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	34	2
143C1A0417	RT32049	SEMINAR	46	0	1
143C1A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	28	3
143C1A0418	RT32042	DIGITAL SIGNAL PROCESSING	17	38	3
143C1A0418	RT32043	DIGITAL COMMUNICATIONS	17	40	3
143C1A0418	RT32044	MICROWAVE ENGINEERING	14	44	3
143C1A0418	RT32045A	BIO MEDICAL ENGINEERING	10	50	3
143C1A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	19	2
143C1A0418	RT32047	DIGITAL COMMUNICATIONS LAB	18	15	0
143C1A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	14	33	2
143C1A0418	RT32049	SEMINAR	25	0	1
143C1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	18	0
143C1A0419	RT32042	DIGITAL SIGNAL PROCESSING	17	37	3
143C1A0419	RT32043	DIGITAL COMMUNICATIONS	24	5	0
143C1A0419	RT32044	MICROWAVE ENGINEERING	20	17	0
143C1A0419	RT32045A	BIO MEDICAL ENGINEERING	23	35	3
143C1A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	35	2
143C1A0419	RT32047	DIGITAL COMMUNICATIONS LAB	23	43	2
143C1A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
143C1A0419	RT32049	SEMINAR	48	0	1
143C1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	25	3
143C1A0420	RT32042	DIGITAL SIGNAL PROCESSING	15	4	0
143C1A0420	RT32043	DIGITAL COMMUNICATIONS	26	8	0
143C1A0420	RT32044	MICROWAVE ENGINEERING	26	8	0
143C1A0420	RT32045A	BIO MEDICAL ENGINEERING	24	8	0
143C1A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	37	2
143C1A0420	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
143C1A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	32	2
143C1A0420	RT32049	SEMINAR	47	0	1
143C1A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	46	3
143C1A0421	RT32042	DIGITAL SIGNAL PROCESSING	23	45	3
143C1A0421	RT32043	DIGITAL COMMUNICATIONS	29	38	3
143C1A0421	RT32044	MICROWAVE ENGINEERING	26	54	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0421	RT32045A	BIO MEDICAL ENGINEERING	26	44	3
143C1A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	45	2
143C1A0421	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
143C1A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
143C1A0421	RT32049	SEMINAR	48	0	1
143C1A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	24	3
143C1A0422	RT32042	DIGITAL SIGNAL PROCESSING	23	39	3
143C1A0422	RT32043	DIGITAL COMMUNICATIONS	26	31	3
143C1A0422	RT32044	MICROWAVE ENGINEERING	26	43	3
143C1A0422	RT32045A	BIO MEDICAL ENGINEERING	28	45	3
143C1A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
143C1A0422	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
143C1A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
143C1A0422	RT32049	SEMINAR	48	0	1
143C1A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	31	3
143C1A0423	RT32042	DIGITAL SIGNAL PROCESSING	24	34	3
143C1A0423	RT32043	DIGITAL COMMUNICATIONS	27	29	3
143C1A0423	RT32044	MICROWAVE ENGINEERING	27	39	3
143C1A0423	RT32045A	BIO MEDICAL ENGINEERING	23	51	3
143C1A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
143C1A0423	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
143C1A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
143C1A0423	RT32049	SEMINAR	49	0	1
143C1A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	32	3
143C1A0424	RT32042	DIGITAL SIGNAL PROCESSING	19	24	3
143C1A0424	RT32043	DIGITAL COMMUNICATIONS	24	33	3
143C1A0424	RT32044	MICROWAVE ENGINEERING	20	40	3
143C1A0424	RT32045A	BIO MEDICAL ENGINEERING	19	28	3
143C1A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	41	2
143C1A0424	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
143C1A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
143C1A0424	RT32049	SEMINAR	45	0	1
143C1A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	34	3
143C1A0425	RT32042	DIGITAL SIGNAL PROCESSING	18	25	3
143C1A0425	RT32043	DIGITAL COMMUNICATIONS	26	24	3
143C1A0425	RT32044	MICROWAVE ENGINEERING	26	58	3
143C1A0425	RT32045A	BIO MEDICAL ENGINEERING	25	32	3
143C1A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
143C1A0425	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
143C1A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	46	2
143C1A0425	RT32049	SEMINAR	47	0	1
143C1A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	19	0
143C1A0426	RT32042	DIGITAL SIGNAL PROCESSING	12	15	0
143C1A0426	RT32043	DIGITAL COMMUNICATIONS	23	19	0
143C1A0426	RT32044	MICROWAVE ENGINEERING	17	2	0
143C1A0426	RT32045A	BIO MEDICAL ENGINEERING	21	19	0
143C1A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	35	2
143C1A0426	RT32047	DIGITAL COMMUNICATIONS LAB	22	30	2
143C1A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	14	0
143C1A0426	RT32049	SEMINAR	46	0	1

Htno	Subcode	Subname	Internal	External	Credits
143C1A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	38	3
143C1A0427	RT32042	DIGITAL SIGNAL PROCESSING	22	40	3
143C1A0427	RT32043	DIGITAL COMMUNICATIONS	28	40	3
143C1A0427	RT32044	MICROWAVE ENGINEERING	28	37	3
143C1A0427	RT32045A	BIO MEDICAL ENGINEERING	23	40	3
143C1A0427	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
143C1A0427	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
143C1A0427	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	47	2
143C1A0427	RT32049	SEMINAR	49	0	1
143C1A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	36	3
143C1A0428	RT32042	DIGITAL SIGNAL PROCESSING	18	35	3
143C1A0428	RT32043	DIGITAL COMMUNICATIONS	22	32	3
143C1A0428	RT32044	MICROWAVE ENGINEERING	22	42	3
143C1A0428	RT32045A	BIO MEDICAL ENGINEERING	21	28	3
143C1A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	37	2
143C1A0428	RT32047	DIGITAL COMMUNICATIONS LAB	23	35	2
143C1A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
143C1A0428	RT32049	SEMINAR	46	0	1
143C1A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	43	3
143C1A0429	RT32042	DIGITAL SIGNAL PROCESSING	25	45	3
143C1A0429	RT32043	DIGITAL COMMUNICATIONS	27	30	3
143C1A0429	RT32044	MICROWAVE ENGINEERING	27	64	3
143C1A0429	RT32045A	BIO MEDICAL ENGINEERING	24	42	3
143C1A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
143C1A0429	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
143C1A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
143C1A0429	RT32049	SEMINAR	48	0	1
143C1A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	35	3
143C1A0430	RT32042	DIGITAL SIGNAL PROCESSING	21	42	3
143C1A0430	RT32043	DIGITAL COMMUNICATIONS	25	33	3
143C1A0430	RT32044	MICROWAVE ENGINEERING	27	42	3
143C1A0430	RT32045A	BIO MEDICAL ENGINEERING	26	46	3
143C1A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	40	2
143C1A0430	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
143C1A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
143C1A0430	RT32049	SEMINAR	48	0	1
143C1A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	25	3
143C1A0431	RT32042	DIGITAL SIGNAL PROCESSING	20	28	3
143C1A0431	RT32043	DIGITAL COMMUNICATIONS	25	29	3
143C1A0431	RT32044	MICROWAVE ENGINEERING	27	30	3
143C1A0431	RT32045A	BIO MEDICAL ENGINEERING	24	35	3
143C1A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	37	2
143C1A0431	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
143C1A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	37	2
143C1A0431	RT32049	SEMINAR	48	0	1
143C1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	24	3
143C1A0432	RT32042	DIGITAL SIGNAL PROCESSING	13	43	3
143C1A0432	RT32043	DIGITAL COMMUNICATIONS	25	12	0
143C1A0432	RT32044	MICROWAVE ENGINEERING	23	29	3
143C1A0432	RT32045A	BIO MEDICAL ENGINEERING	21	46	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	20	2
143C1A0432	RT32047	DIGITAL COMMUNICATIONS LAB	22	30	2
143C1A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	27	2
143C1A0432	RT32049	SEMINAR	44	0	1
143C1A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	24	3
143C1A0433	RT32042	DIGITAL SIGNAL PROCESSING	19	38	3
143C1A0433	RT32043	DIGITAL COMMUNICATIONS	25	7	0
143C1A0433	RT32044	MICROWAVE ENGINEERING	26	33	3
143C1A0433	RT32045A	BIO MEDICAL ENGINEERING	23	38	3
143C1A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
143C1A0433	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
143C1A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	32	2
143C1A0433	RT32049	SEMINAR	48	0	1
143C1A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	25	3
143C1A0434	RT32042	DIGITAL SIGNAL PROCESSING	17	24	3
143C1A0434	RT32043	DIGITAL COMMUNICATIONS	25	15	0
143C1A0434	RT32044	MICROWAVE ENGINEERING	20	6	0
143C1A0434	RT32045A	BIO MEDICAL ENGINEERING	17	29	3
143C1A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	34	2
143C1A0434	RT32047	DIGITAL COMMUNICATIONS LAB	20	42	2
143C1A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	14	26	2
143C1A0434	RT32049	SEMINAR	42	0	1
143C1A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	25	3
143C1A0436	RT32042	DIGITAL SIGNAL PROCESSING	21	37	3
143C1A0436	RT32043	DIGITAL COMMUNICATIONS	23	16	0
143C1A0436	RT32044	MICROWAVE ENGINEERING	27	39	3
143C1A0436	RT32045A	BIO MEDICAL ENGINEERING	22	39	3
143C1A0436	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
143C1A0436	RT32047	DIGITAL COMMUNICATIONS LAB	23	40	2
143C1A0436	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	37	2
143C1A0436	RT32049	SEMINAR	45	0	1
143C1A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	24	3
143C1A0437	RT32042	DIGITAL SIGNAL PROCESSING	10	3	0
143C1A0437	RT32043	DIGITAL COMMUNICATIONS	23	3	0
143C1A0437	RT32044	MICROWAVE ENGINEERING	12	16	0
143C1A0437	RT32045A	BIO MEDICAL ENGINEERING	13	0	0
143C1A0437	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	36	2
143C1A0437	RT32047	DIGITAL COMMUNICATIONS LAB	23	10	0
143C1A0437	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	26	2
143C1A0437	RT32049	SEMINAR	45	0	1
143C1A0438	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	37	3
143C1A0438	RT32042	DIGITAL SIGNAL PROCESSING	22	48	3
143C1A0438	RT32043	DIGITAL COMMUNICATIONS	27	24	3
143C1A0438	RT32044	MICROWAVE ENGINEERING	25	56	3
143C1A0438	RT32045A	BIO MEDICAL ENGINEERING	25	26	3
143C1A0438	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	39	2
143C1A0438	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
143C1A0438	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
143C1A0438	RT32049	SEMINAR	49	0	1
143C1A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	17	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0439	RT32042	DIGITAL SIGNAL PROCESSING	22	15	0
143C1A0439	RT32043	DIGITAL COMMUNICATIONS	24	29	3
143C1A0439	RT32044	MICROWAVE ENGINEERING	24	33	3
143C1A0439	RT32045A	BIO MEDICAL ENGINEERING	24	47	3
143C1A0439	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	39	2
143C1A0439	RT32047	DIGITAL COMMUNICATIONS LAB	22	35	2
143C1A0439	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	39	2
143C1A0439	RT32049	SEMINAR	49	0	1
143C1A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	35	3
143C1A0440	RT32042	DIGITAL SIGNAL PROCESSING	17	39	3
143C1A0440	RT32043	DIGITAL COMMUNICATIONS	24	17	0
143C1A0440	RT32044	MICROWAVE ENGINEERING	26	38	3
143C1A0440	RT32045A	BIO MEDICAL ENGINEERING	24	38	3
143C1A0440	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	48	2
143C1A0440	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
143C1A0440	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	36	2
143C1A0440	RT32049	SEMINAR	47	0	1
143C1A0441	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	21	0
143C1A0441	RT32042	DIGITAL SIGNAL PROCESSING	11	11	0
143C1A0441	RT32043	DIGITAL COMMUNICATIONS	24	0	0
143C1A0441	RT32044	MICROWAVE ENGINEERING	17	14	0
143C1A0441	RT32045A	BIO MEDICAL ENGINEERING	18	13	0
143C1A0441	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	35	2
143C1A0441	RT32047	DIGITAL COMMUNICATIONS LAB	20	30	2
143C1A0441	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	16	0
143C1A0441	RT32049	SEMINAR	43	0	1
143C1A0442	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	15	0
143C1A0442	RT32042	DIGITAL SIGNAL PROCESSING	16	25	3
143C1A0442	RT32043	DIGITAL COMMUNICATIONS	27	0	0
143C1A0442	RT32044	MICROWAVE ENGINEERING	19	6	0
143C1A0442	RT32045A	BIO MEDICAL ENGINEERING	20	13	0
143C1A0442	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	44	2
143C1A0442	RT32047	DIGITAL COMMUNICATIONS LAB	22	35	2
143C1A0442	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	40	2
143C1A0442	RT32049	SEMINAR	45	0	1
143C1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	28	3
143C1A0443	RT32042	DIGITAL SIGNAL PROCESSING	22	45	3
143C1A0443	RT32043	DIGITAL COMMUNICATIONS	26	30	3
143C1A0443	RT32044	MICROWAVE ENGINEERING	28	53	3
143C1A0443	RT32045A	BIO MEDICAL ENGINEERING	24	64	3
143C1A0443	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
143C1A0443	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
143C1A0443	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
143C1A0443	RT32049	SEMINAR	49	0	1
143C1A0444	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	43	3
143C1A0444	RT32042	DIGITAL SIGNAL PROCESSING	23	38	3
143C1A0444	RT32043	DIGITAL COMMUNICATIONS	28	29	3
143C1A0444	RT32044	MICROWAVE ENGINEERING	27	39	3
143C1A0444	RT32045A	BIO MEDICAL ENGINEERING	24	48	3
143C1A0444	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
143C1A0444	RT32047	DIGITAL COMMUNICATIONS LAB	24	40	2
143C1A0444	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	47	2
143C1A0444	RT32049	SEMINAR	48	0	1
143C1A0445	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	46	3
143C1A0445	RT32042	DIGITAL SIGNAL PROCESSING	24	42	3
143C1A0445	RT32043	DIGITAL COMMUNICATIONS	27	29	3
143C1A0445	RT32044	MICROWAVE ENGINEERING	28	46	3
143C1A0445	RT32045A	BIO MEDICAL ENGINEERING	27	65	3
143C1A0445	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
143C1A0445	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
143C1A0445	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	47	2
143C1A0445	RT32049	SEMINAR	48	0	1
143C1A0446	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	24	3
143C1A0446	RT32042	DIGITAL SIGNAL PROCESSING	19	45	3
143C1A0446	RT32043	DIGITAL COMMUNICATIONS	23	24	3
143C1A0446	RT32044	MICROWAVE ENGINEERING	26	57	3
143C1A0446	RT32045A	BIO MEDICAL ENGINEERING	21	25	3
143C1A0446	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	40	2
143C1A0446	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
143C1A0446	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
143C1A0446	RT32049	SEMINAR	48	0	1
143C1A0447	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	35	3
143C1A0447	RT32042	DIGITAL SIGNAL PROCESSING	20	30	3
143C1A0447	RT32043	DIGITAL COMMUNICATIONS	24	35	3
143C1A0447	RT32044	MICROWAVE ENGINEERING	27	41	3
143C1A0447	RT32045A	BIO MEDICAL ENGINEERING	23	49	3
143C1A0447	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
143C1A0447	RT32047	DIGITAL COMMUNICATIONS LAB	24	35	2
143C1A0447	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
143C1A0447	RT32049	SEMINAR	49	0	1
143C1A0448	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	26	3
143C1A0448	RT32042	DIGITAL SIGNAL PROCESSING	19	4	0
143C1A0448	RT32043	DIGITAL COMMUNICATIONS	24	0	0
143C1A0448	RT32044	MICROWAVE ENGINEERING	27	2	0
143C1A0448	RT32045A	BIO MEDICAL ENGINEERING	20	29	3
143C1A0448	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
143C1A0448	RT32047	DIGITAL COMMUNICATIONS LAB	24	42	2
143C1A0448	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	41	2
143C1A0448	RT32049	SEMINAR	48	0	1
143C1A0449	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	19	0
143C1A0449	RT32042	DIGITAL SIGNAL PROCESSING	14	10	0
143C1A0449	RT32043	DIGITAL COMMUNICATIONS	21	8	0
143C1A0449	RT32044	MICROWAVE ENGINEERING	15	8	0
143C1A0449	RT32045A	BIO MEDICAL ENGINEERING	21	4	0
143C1A0449	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
143C1A0449	RT32047	DIGITAL COMMUNICATIONS LAB	20	42	2
143C1A0449	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	42	2
143C1A0449	RT32049	SEMINAR	43	0	1
143C1A0501	RT32051	SOFTWARE ENGINEERING	12	28	3
143C1A0501	RT32052	DATA WARE HOUSING AND MINING	15	11	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0501	RT32053	COMPUTER NETWORKS	7	21	0
143C1A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	4	0
143C1A0501	RT32055	WEB TECHNOLOGIES	5	0	0
143C1A0501	RT32056	IPR AND PATENTS	8	33	2
143C1A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	40	2
143C1A0501	RT32058	SOFTWARE ENGINEERING LAB	16	27	2
143C1A0501	RT32059	WEB TECHNOLOGIES LAB	20	40	2
143C1A0502	RT32051	SOFTWARE ENGINEERING	20	14	0
143C1A0502	RT32052	DATA WARE HOUSING AND MINING	21	11	0
143C1A0502	RT32053	COMPUTER NETWORKS	22	16	0
143C1A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	15	0
143C1A0502	RT32055	WEB TECHNOLOGIES	22	10	0
143C1A0502	RT32056	IPR AND PATENTS	23	27	2
143C1A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
143C1A0502	RT32058	SOFTWARE ENGINEERING LAB	17	30	2
143C1A0502	RT32059	WEB TECHNOLOGIES LAB	20	43	2
143C1A0503	RT32051	SOFTWARE ENGINEERING	23	26	3
143C1A0503	RT32052	DATA WARE HOUSING AND MINING	23	29	3
143C1A0503	RT32053	COMPUTER NETWORKS	22	42	3
143C1A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	24	3
143C1A0503	RT32055	WEB TECHNOLOGIES	23	24	3
143C1A0503	RT32056	IPR AND PATENTS	21	44	2
143C1A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	41	2
143C1A0503	RT32058	SOFTWARE ENGINEERING LAB	16	35	2
143C1A0503	RT32059	WEB TECHNOLOGIES LAB	20	41	2
143C1A0504	RT32051	SOFTWARE ENGINEERING	23	32	3
143C1A0504	RT32052	DATA WARE HOUSING AND MINING	24	36	3
143C1A0504	RT32053	COMPUTER NETWORKS	27	53	3
143C1A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	28	3
143C1A0504	RT32055	WEB TECHNOLOGIES	24	49	3
143C1A0504	RT32056	IPR AND PATENTS	24	25	2
143C1A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
143C1A0504	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
143C1A0504	RT32059	WEB TECHNOLOGIES LAB	24	48	2
143C1A0505	RT32051	SOFTWARE ENGINEERING	21	24	3
143C1A0505	RT32052	DATA WARE HOUSING AND MINING	13	10	0
143C1A0505	RT32053	COMPUTER NETWORKS	20	24	3
143C1A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	9	0
143C1A0505	RT32055	WEB TECHNOLOGIES	18	2	0
143C1A0505	RT32056	IPR AND PATENTS	23	27	2
143C1A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
143C1A0505	RT32058	SOFTWARE ENGINEERING LAB	19	39	2
143C1A0505	RT32059	WEB TECHNOLOGIES LAB	22	40	2
143C1A0508	RT32051	SOFTWARE ENGINEERING	27	44	3
143C1A0508	RT32052	DATA WARE HOUSING AND MINING	28	70	3
143C1A0508	RT32053	COMPUTER NETWORKS	29	43	3
143C1A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	47	3
143C1A0508	RT32055	WEB TECHNOLOGIES	25	42	3
143C1A0508	RT32056	IPR AND PATENTS	25	49	2
143C1A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
143C1A0508	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
143C1A0508	RT32059	WEB TECHNOLOGIES LAB	21	44	2
143C1A0509	RT32051	SOFTWARE ENGINEERING	15	8	0
143C1A0509	RT32052	DATA WARE HOUSING AND MINING	13	34	3
143C1A0509	RT32053	COMPUTER NETWORKS	20	44	3
143C1A0509	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	17	0
143C1A0509	RT32055	WEB TECHNOLOGIES	16	7	0
143C1A0509	RT32056	IPR AND PATENTS	14	36	2
143C1A0509	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
143C1A0509	RT32058	SOFTWARE ENGINEERING LAB	17	36	2
143C1A0509	RT32059	WEB TECHNOLOGIES LAB	22	40	2
143C1A0511	RT32051	SOFTWARE ENGINEERING	26	35	3
143C1A0511	RT32052	DATA WARE HOUSING AND MINING	27	35	3
143C1A0511	RT32053	COMPUTER NETWORKS	28	38	3
143C1A0511	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	43	3
143C1A0511	RT32055	WEB TECHNOLOGIES	27	46	3
143C1A0511	RT32056	IPR AND PATENTS	23	13	0
143C1A0511	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
143C1A0511	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
143C1A0511	RT32059	WEB TECHNOLOGIES LAB	24	49	2
143C1A0512	RT32051	SOFTWARE ENGINEERING	25	31	3
143C1A0512	RT32052	DATA WARE HOUSING AND MINING	24	35	3
143C1A0512	RT32053	COMPUTER NETWORKS	24	51	3
143C1A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	32	3
143C1A0512	RT32055	WEB TECHNOLOGIES	23	6	0
143C1A0512	RT32056	IPR AND PATENTS	26	55	2
143C1A0512	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
143C1A0512	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
143C1A0512	RT32059	WEB TECHNOLOGIES LAB	23	43	2
143C1A0513	RT32051	SOFTWARE ENGINEERING	18	25	3
143C1A0513	RT32052	DATA WARE HOUSING AND MINING	18	21	0
143C1A0513	RT32053	COMPUTER NETWORKS	18	16	0
143C1A0513	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	13	0
143C1A0513	RT32055	WEB TECHNOLOGIES	18	9	0
143C1A0513	RT32056	IPR AND PATENTS	19	22	0
143C1A0513	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	38	2
143C1A0513	RT32058	SOFTWARE ENGINEERING LAB	22	38	2
143C1A0513	RT32059	WEB TECHNOLOGIES LAB	20	40	2
143C1A0514	RT32051	SOFTWARE ENGINEERING	18	11	0
143C1A0514	RT32052	DATA WARE HOUSING AND MINING	22	25	3
143C1A0514	RT32053	COMPUTER NETWORKS	22	3	0
143C1A0514	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	4	0
143C1A0514	RT32055	WEB TECHNOLOGIES	19	10	0
143C1A0514	RT32056	IPR AND PATENTS	13	24	0
143C1A0514	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
143C1A0514	RT32058	SOFTWARE ENGINEERING LAB	20	43	2
143C1A0514	RT32059	WEB TECHNOLOGIES LAB	20	42	2
143C1A0515	RT32051	SOFTWARE ENGINEERING	8	26	0
143C1A0515	RT32052	DATA WARE HOUSING AND MINING	10	30	3
143C1A0515	RT32053	COMPUTER NETWORKS	19	35	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0515	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	13	0
143C1A0515	RT32055	WEB TECHNOLOGIES	8	27	0
143C1A0515	RT32056	IPR AND PATENTS	0	10	0
143C1A0515	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	35	2
143C1A0515	RT32058	SOFTWARE ENGINEERING LAB	13	29	2
143C1A0515	RT32059	WEB TECHNOLOGIES LAB	20	40	2
143C1A0516	RT32051	SOFTWARE ENGINEERING	20	29	3
143C1A0516	RT32052	DATA WARE HOUSING AND MINING	18	13	0
143C1A0516	RT32053	COMPUTER NETWORKS	15	52	3
143C1A0516	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	1	0
143C1A0516	RT32055	WEB TECHNOLOGIES	19	5	0
143C1A0516	RT32056	IPR AND PATENTS	18	53	2
143C1A0516	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	37	2
143C1A0516	RT32058	SOFTWARE ENGINEERING LAB	19	43	2
143C1A0516	RT32059	WEB TECHNOLOGIES LAB	22	42	2
143C1A0517	RT32051	SOFTWARE ENGINEERING	28	33	3
143C1A0517	RT32052	DATA WARE HOUSING AND MINING	28	38	3
143C1A0517	RT32053	COMPUTER NETWORKS	26	35	3
143C1A0517	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	43	3
143C1A0517	RT32055	WEB TECHNOLOGIES	25	17	0
143C1A0517	RT32056	IPR AND PATENTS	23	47	2
143C1A0517	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
143C1A0517	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
143C1A0517	RT32059	WEB TECHNOLOGIES LAB	23	47	2
143C1A0519	RT32051	SOFTWARE ENGINEERING	23	28	3
143C1A0519	RT32052	DATA WARE HOUSING AND MINING	17	36	3
143C1A0519	RT32053	COMPUTER NETWORKS	20	46	3
143C1A0519	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	16	0
143C1A0519	RT32055	WEB TECHNOLOGIES	15	25	3
143C1A0519	RT32056	IPR AND PATENTS	20	33	2
143C1A0519	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
143C1A0519	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
143C1A0519	RT32059	WEB TECHNOLOGIES LAB	23	46	2
143C1A0520	RT32051	SOFTWARE ENGINEERING	27	31	3
143C1A0520	RT32052	DATA WARE HOUSING AND MINING	20	26	3
143C1A0520	RT32053	COMPUTER NETWORKS	23	30	3
143C1A0520	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	41	3
143C1A0520	RT32055	WEB TECHNOLOGIES	22	50	3
143C1A0520	RT32056	IPR AND PATENTS	24	9	0
143C1A0520	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
143C1A0520	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
143C1A0520	RT32059	WEB TECHNOLOGIES LAB	24	45	2
143C1A0521	RT32051	SOFTWARE ENGINEERING	29	35	3
143C1A0521	RT32052	DATA WARE HOUSING AND MINING	28	41	3
143C1A0521	RT32053	COMPUTER NETWORKS	27	59	3
143C1A0521	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	51	3
143C1A0521	RT32055	WEB TECHNOLOGIES	24	45	3
143C1A0521	RT32056	IPR AND PATENTS	24	62	2
143C1A0521	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
143C1A0521	RT32058	SOFTWARE ENGINEERING LAB	25	49	2

Htno	Subcode	Subname	Internal	External	Credits
143C1A0521	RT32059	WEB TECHNOLOGIES LAB	25	50	2
143C1A0522	RT32051	SOFTWARE ENGINEERING	4	28	0
143C1A0522	RT32052	DATA WARE HOUSING AND MINING	15	30	3
143C1A0522	RT32053	COMPUTER NETWORKS	7	13	0
143C1A0522	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	11	9	0
143C1A0522	RT32055	WEB TECHNOLOGIES	6	15	0
143C1A0522	RT32056	IPR AND PATENTS	17	27	2
143C1A0522	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	13	35	2
143C1A0522	RT32058	SOFTWARE ENGINEERING LAB	13	21	2
143C1A0522	RT32059	WEB TECHNOLOGIES LAB	18	30	2
143C1A0523	RT32051	SOFTWARE ENGINEERING	24	32	3
143C1A0523	RT32052	DATA WARE HOUSING AND MINING	20	34	3
143C1A0523	RT32053	COMPUTER NETWORKS	21	45	3
143C1A0523	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	12	0
143C1A0523	RT32055	WEB TECHNOLOGIES	16	16	0
143C1A0523	RT32056	IPR AND PATENTS	18	35	2
143C1A0523	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	41	2
143C1A0523	RT32058	SOFTWARE ENGINEERING LAB	20	44	2
143C1A0523	RT32059	WEB TECHNOLOGIES LAB	23	47	2
143C1A0525	RT32051	SOFTWARE ENGINEERING	28	27	3
143C1A0525	RT32052	DATA WARE HOUSING AND MINING	25	34	3
143C1A0525	RT32053	COMPUTER NETWORKS	29	33	3
143C1A0525	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	30	3
143C1A0525	RT32055	WEB TECHNOLOGIES	29	41	3
143C1A0525	RT32056	IPR AND PATENTS	26	10	0
143C1A0525	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
143C1A0525	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
143C1A0525	RT32059	WEB TECHNOLOGIES LAB	25	50	2
143C1A0526	RT32051	SOFTWARE ENGINEERING	28	45	3
143C1A0526	RT32052	DATA WARE HOUSING AND MINING	28	43	3
143C1A0526	RT32053	COMPUTER NETWORKS	27	70	3
143C1A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	39	3
143C1A0526	RT32055	WEB TECHNOLOGIES	28	37	3
143C1A0526	RT32056	IPR AND PATENTS	26	65	2
143C1A0526	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
143C1A0526	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
143C1A0526	RT32059	WEB TECHNOLOGIES LAB	25	49	2
143C1A0528	RT32051	SOFTWARE ENGINEERING	20	14	0
143C1A0528	RT32052	DATA WARE HOUSING AND MINING	17	28	3
143C1A0528	RT32053	COMPUTER NETWORKS	19	24	3
143C1A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	10	0
143C1A0528	RT32055	WEB TECHNOLOGIES	20	13	0
143C1A0528	RT32056	IPR AND PATENTS	21	32	2
143C1A0528	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	39	2
143C1A0528	RT32058	SOFTWARE ENGINEERING LAB	18	33	2
143C1A0528	RT32059	WEB TECHNOLOGIES LAB	20	40	2
143C1A0529	RT32051	SOFTWARE ENGINEERING	26	38	3
143C1A0529	RT32052	DATA WARE HOUSING AND MINING	26	39	3
143C1A0529	RT32053	COMPUTER NETWORKS	26	50	3
143C1A0529	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	24	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0529	RT32055	WEB TECHNOLOGIES	21	24	3
143C1A0529	RT32056	IPR AND PATENTS	22	53	2
143C1A0529	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
143C1A0529	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
143C1A0529	RT32059	WEB TECHNOLOGIES LAB	22	43	2
143C1A0530	RT32051	SOFTWARE ENGINEERING	26	39	3
143C1A0530	RT32052	DATA WARE HOUSING AND MINING	29	29	3
143C1A0530	RT32053	COMPUTER NETWORKS	27	42	3
143C1A0530	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	33	3
143C1A0530	RT32055	WEB TECHNOLOGIES	23	10	0
143C1A0530	RT32056	IPR AND PATENTS	24	52	2
143C1A0530	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
143C1A0530	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
143C1A0530	RT32059	WEB TECHNOLOGIES LAB	22	41	2
143C1A0531	RT32051	SOFTWARE ENGINEERING	14	29	3
143C1A0531	RT32052	DATA WARE HOUSING AND MINING	20	13	0
143C1A0531	RT32053	COMPUTER NETWORKS	16	24	3
143C1A0531	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	36	3
143C1A0531	RT32055	WEB TECHNOLOGIES	19	14	0
143C1A0531	RT32056	IPR AND PATENTS	16	37	2
143C1A0531	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	38	2
143C1A0531	RT32058	SOFTWARE ENGINEERING LAB	18	30	2
143C1A0531	RT32059	WEB TECHNOLOGIES LAB	20	40	2
143C1A0532	RT32051	SOFTWARE ENGINEERING	26	32	3
143C1A0532	RT32052	DATA WARE HOUSING AND MINING	24	33	3
143C1A0532	RT32053	COMPUTER NETWORKS	22	31	3
143C1A0532	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	40	3
143C1A0532	RT32055	WEB TECHNOLOGIES	20	27	3
143C1A0532	RT32056	IPR AND PATENTS	24	40	2
143C1A0532	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	50	2
143C1A0532	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
143C1A0532	RT32059	WEB TECHNOLOGIES LAB	23	46	2
143C1A0533	RT32051	SOFTWARE ENGINEERING	25	24	3
143C1A0533	RT32052	DATA WARE HOUSING AND MINING	23	36	3
143C1A0533	RT32053	COMPUTER NETWORKS	23	25	3
143C1A0533	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	11	0
143C1A0533	RT32055	WEB TECHNOLOGIES	20	11	0
143C1A0533	RT32056	IPR AND PATENTS	20	29	2
143C1A0533	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
143C1A0533	RT32058	SOFTWARE ENGINEERING LAB	20	44	2
143C1A0533	RT32059	WEB TECHNOLOGIES LAB	23	45	2
143C1A0534	RT32051	SOFTWARE ENGINEERING	27	33	3
143C1A0534	RT32052	DATA WARE HOUSING AND MINING	27	34	3
143C1A0534	RT32053	COMPUTER NETWORKS	26	35	3
143C1A0534	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	28	3
143C1A0534	RT32055	WEB TECHNOLOGIES	29	26	3
143C1A0534	RT32056	IPR AND PATENTS	22	45	2
143C1A0534	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
143C1A0534	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
143C1A0534	RT32059	WEB TECHNOLOGIES LAB	25	49	2

Htno	Subcode	Subname	Internal	External	Credits
143C1A0535	RT32051	SOFTWARE ENGINEERING	27	-1	0
143C1A0535	RT32052	DATA WARE HOUSING AND MINING	27	-1	0
143C1A0535	RT32053	COMPUTER NETWORKS	28	-1	0
143C1A0535	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	46	3
143C1A0535	RT32055	WEB TECHNOLOGIES	28	35	3
143C1A0535	RT32056	IPR AND PATENTS	24	57	2
143C1A0535	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
143C1A0535	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
143C1A0535	RT32059	WEB TECHNOLOGIES LAB	25	49	2
143C1A0536	RT32051	SOFTWARE ENGINEERING	23	24	3
143C1A0536	RT32052	DATA WARE HOUSING AND MINING	17	29	3
143C1A0536	RT32053	COMPUTER NETWORKS	26	32	3
143C1A0536	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	40	3
143C1A0536	RT32055	WEB TECHNOLOGIES	23	26	3
143C1A0536	RT32056	IPR AND PATENTS	18	24	2
143C1A0536	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
143C1A0536	RT32058	SOFTWARE ENGINEERING LAB	20	39	2
143C1A0536	RT32059	WEB TECHNOLOGIES LAB	20	40	2
143C1A0537	RT32051	SOFTWARE ENGINEERING	23	36	3
143C1A0537	RT32052	DATA WARE HOUSING AND MINING	17	32	3
143C1A0537	RT32053	COMPUTER NETWORKS	26	28	3
143C1A0537	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
143C1A0537	RT32055	WEB TECHNOLOGIES	25	25	3
143C1A0537	RT32056	IPR AND PATENTS	24	39	2
143C1A0537	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
143C1A0537	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
143C1A0537	RT32059	WEB TECHNOLOGIES LAB	21	43	2
143C1A0538	RT32051	SOFTWARE ENGINEERING	25	28	3
143C1A0538	RT32052	DATA WARE HOUSING AND MINING	18	33	3
143C1A0538	RT32053	COMPUTER NETWORKS	25	34	3
143C1A0538	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	24	3
143C1A0538	RT32055	WEB TECHNOLOGIES	21	5	0
143C1A0538	RT32056	IPR AND PATENTS	21	46	2
143C1A0538	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
143C1A0538	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
143C1A0538	RT32059	WEB TECHNOLOGIES LAB	20	41	2
143C1A0539	RT32051	SOFTWARE ENGINEERING	27	33	3
143C1A0539	RT32052	DATA WARE HOUSING AND MINING	27	30	3
143C1A0539	RT32053	COMPUTER NETWORKS	28	70	3
143C1A0539	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	50	3
143C1A0539	RT32055	WEB TECHNOLOGIES	22	39	3
143C1A0539	RT32056	IPR AND PATENTS	25	56	2
143C1A0539	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
143C1A0539	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
143C1A0539	RT32059	WEB TECHNOLOGIES LAB	25	49	2
143C1A0540	RT32051	SOFTWARE ENGINEERING	18	24	3
143C1A0540	RT32052	DATA WARE HOUSING AND MINING	21	29	3
143C1A0540	RT32053	COMPUTER NETWORKS	18	26	3
143C1A0540	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	28	3
143C1A0540	RT32055	WEB TECHNOLOGIES	14	26	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0540	RT32056	IPR AND PATENTS	25	26	2
143C1A0540	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	41	2
143C1A0540	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
143C1A0540	RT32059	WEB TECHNOLOGIES LAB	21	40	2
143C1A0541	RT32051	SOFTWARE ENGINEERING	20	14	0
143C1A0541	RT32052	DATA WARE HOUSING AND MINING	19	33	3
143C1A0541	RT32053	COMPUTER NETWORKS	18	47	3
143C1A0541	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	10	0
143C1A0541	RT32055	WEB TECHNOLOGIES	22	17	0
143C1A0541	RT32056	IPR AND PATENTS	19	28	2
143C1A0541	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
143C1A0541	RT32058	SOFTWARE ENGINEERING LAB	18	36	2
143C1A0541	RT32059	WEB TECHNOLOGIES LAB	22	45	2
143C1A0542	RT32051	SOFTWARE ENGINEERING	26	32	3
143C1A0542	RT32052	DATA WARE HOUSING AND MINING	28	29	3
143C1A0542	RT32053	COMPUTER NETWORKS	27	27	3
143C1A0542	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	30	3
143C1A0542	RT32055	WEB TECHNOLOGIES	27	34	3
143C1A0542	RT32056	IPR AND PATENTS	29	43	2
143C1A0542	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
143C1A0542	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
143C1A0542	RT32059	WEB TECHNOLOGIES LAB	25	49	2
143C1A0543	RT32051	SOFTWARE ENGINEERING	22	33	3
143C1A0543	RT32052	DATA WARE HOUSING AND MINING	21	11	0
143C1A0543	RT32053	COMPUTER NETWORKS	19	26	3
143C1A0543	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	17	0
143C1A0543	RT32055	WEB TECHNOLOGIES	19	9	0
143C1A0543	RT32056	IPR AND PATENTS	22	48	2
143C1A0543	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	42	2
143C1A0543	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
143C1A0543	RT32059	WEB TECHNOLOGIES LAB	22	43	2
143C1A0544	RT32051	SOFTWARE ENGINEERING	24	35	3
143C1A0544	RT32052	DATA WARE HOUSING AND MINING	25	33	3
143C1A0544	RT32053	COMPUTER NETWORKS	25	39	3
143C1A0544	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	39	3
143C1A0544	RT32055	WEB TECHNOLOGIES	22	38	3
143C1A0544	RT32056	IPR AND PATENTS	24	32	2
143C1A0544	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
143C1A0544	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
143C1A0544	RT32059	WEB TECHNOLOGIES LAB	23	46	2
143C1A0545	RT32051	SOFTWARE ENGINEERING	22	15	0
143C1A0545	RT32052	DATA WARE HOUSING AND MINING	21	30	3
143C1A0545	RT32053	COMPUTER NETWORKS	22	25	3
143C1A0545	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	15	0
143C1A0545	RT32055	WEB TECHNOLOGIES	18	4	0
143C1A0545	RT32056	IPR AND PATENTS	21	24	2
143C1A0545	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
143C1A0545	RT32058	SOFTWARE ENGINEERING LAB	20	44	2
143C1A0545	RT32059	WEB TECHNOLOGIES LAB	22	42	2
143C1A0546	RT32051	SOFTWARE ENGINEERING	28	27	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0546	RT32052	DATA WARE HOUSING AND MINING	26	26	3
143C1A0546	RT32053	COMPUTER NETWORKS	24	48	3
143C1A0546	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
143C1A0546	RT32055	WEB TECHNOLOGIES	23	7	0
143C1A0546	RT32056	IPR AND PATENTS	25	49	2
143C1A0546	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
143C1A0546	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
143C1A0546	RT32059	WEB TECHNOLOGIES LAB	23	47	2
143C1A0547	RT32051	SOFTWARE ENGINEERING	25	38	3
143C1A0547	RT32052	DATA WARE HOUSING AND MINING	22	26	3
143C1A0547	RT32053	COMPUTER NETWORKS	27	24	3
143C1A0547	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	36	3
143C1A0547	RT32055	WEB TECHNOLOGIES	22	34	3
143C1A0547	RT32056	IPR AND PATENTS	22	55	2
143C1A0547	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
143C1A0547	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
143C1A0547	RT32059	WEB TECHNOLOGIES LAB	22	46	2
143C1A0548	RT32051	SOFTWARE ENGINEERING	27	40	3
143C1A0548	RT32052	DATA WARE HOUSING AND MINING	27	35	3
143C1A0548	RT32053	COMPUTER NETWORKS	24	36	3
143C1A0548	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	27	3
143C1A0548	RT32055	WEB TECHNOLOGIES	26	27	3
143C1A0548	RT32056	IPR AND PATENTS	26	45	2
143C1A0548	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
143C1A0548	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
143C1A0548	RT32059	WEB TECHNOLOGIES LAB	24	45	2
143C5A0107	RT32011	ENVIRONMENTAL ENGINEERING I	18	24	3
143C5A0107	RT32015	TRANSPORTATION ENGINEERING II	16	31	3
143C5A0107	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	29	3
143C5A0303	RT32031	OPERATIONS RESEARCH	21	28	3
143C5A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	20	28	3
143C5A0305	RT32035	HEAT TRANSFER	20	29	3
143C5A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	18	16	0
143C5A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	17	0
143C5A0312	RT32034	ROBOTICS	9	15	0
143C5A0312	RT32035	HEAT TRANSFER	19	24	3
143C5A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	17	29	3
143C5A0320	RT32031	OPERATIONS RESEARCH	20	21	0
143C5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	18	0
143C5A0402	RT32042	DIGITAL SIGNAL PROCESSING	9	8	0
143C5A0402	RT32043	DIGITAL COMMUNICATIONS	17	2	0
143C5A0402	RT32044	MICROWAVE ENGINEERING	8	4	0
143C5A0403	RT32042	DIGITAL SIGNAL PROCESSING	10	18	0
143C5A0404	RT32042	DIGITAL SIGNAL PROCESSING	11	18	0
143C5A0404	RT32043	DIGITAL COMMUNICATIONS	14	21	0
143C5A0405	RT32042	DIGITAL SIGNAL PROCESSING	9	31	3
143C5A0408	RT32042	DIGITAL SIGNAL PROCESSING	9	20	0
143C5A0412	RT32042	DIGITAL SIGNAL PROCESSING	10	24	0
143C5A0412	RT32043	DIGITAL COMMUNICATIONS	15	3	0
143C5A0412	RT32044	MICROWAVE ENGINEERING	17	30	3

Htno	Subcode	Subname	Internal	External	Credits
143C5A0417	RT32042	DIGITAL SIGNAL PROCESSING	17	13	0
143C5A0420	RT32042	DIGITAL SIGNAL PROCESSING	18	37	3
143C5A0423	RT32043	DIGITAL COMMUNICATIONS	19	21	0
143C5A0426	RT32042	DIGITAL SIGNAL PROCESSING	17	14	0
143C5A0426	RT32044	MICROWAVE ENGINEERING	13	36	3
143C5A0426	RT32047	DIGITAL COMMUNICATIONS LAB	0	43	2
143C5A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	17	0
143C5A0427	RT32043	DIGITAL COMMUNICATIONS	13	3	0
143C5A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	11	21	0
143C5A0428	RT32042	DIGITAL SIGNAL PROCESSING	15	22	0
143C5A0428	RT32043	DIGITAL COMMUNICATIONS	13	2	0
143C5A0428	RT32044	MICROWAVE ENGINEERING	13	25	0
143C5A0428	RT32045A	BIO MEDICAL ENGINEERING	21	19	0
143C5A0429	RT32043	DIGITAL COMMUNICATIONS	14	2	0
143C5A0429	RT32044	MICROWAVE ENGINEERING	15	19	0
143C5A0429	RT32045A	BIO MEDICAL ENGINEERING	16	30	3
143C5A0430	RT32042	DIGITAL SIGNAL PROCESSING	19	33	3
143C5A0432	RT32042	DIGITAL SIGNAL PROCESSING	17	38	3
143C5A0435	RT32042	DIGITAL SIGNAL PROCESSING	14	30	3
143C5A0435	RT32043	DIGITAL COMMUNICATIONS	15	2	0
143C5A0435	RT32044	MICROWAVE ENGINEERING	18	30	3
143C5A0435	RT32045A	BIO MEDICAL ENGINEERING	13	27	3
143C5A0437	RT32043	DIGITAL COMMUNICATIONS	14	29	3
143C5A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	18	0
143C5A0440	RT32042	DIGITAL SIGNAL PROCESSING	19	26	3
143C5A0443	RT32042	DIGITAL SIGNAL PROCESSING	18	30	3
143C5A0501	RT32055	WEB TECHNOLOGIES	10	10	0
143C5A0502	RT32053	COMPUTER NETWORKS	11	17	0
143C5A0503	RT32053	COMPUTER NETWORKS	13	28	3
143C5A0504	RT32053	COMPUTER NETWORKS	12	37	3
143C5A0504	RT32055	WEB TECHNOLOGIES	9	12	0
153C5A0101	RT32011	ENVIRONMENTAL ENGINEERING I	21	49	3
153C5A0101	RT32012	GEOTECHNICAL ENGINEERING II	27	31	3
153C5A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	36	3
153C5A0101	RT32014	WATER RESOURCES ENGINEERING I	28	53	3
153C5A0101	RT32015	TRANSPORTATION ENGINEERING II	26	36	3
153C5A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	24	3
153C5A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
153C5A0101	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
153C5A0102	RT32011	ENVIRONMENTAL ENGINEERING I	18	40	3
153C5A0102	RT32012	GEOTECHNICAL ENGINEERING II	23	44	3
153C5A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	32	3
153C5A0102	RT32014	WATER RESOURCES ENGINEERING I	25	29	3
153C5A0102	RT32015	TRANSPORTATION ENGINEERING II	24	41	3
153C5A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	59	3
153C5A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
153C5A0102	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
153C5A0103	RT32011	ENVIRONMENTAL ENGINEERING I	24	33	3
153C5A0103	RT32012	GEOTECHNICAL ENGINEERING II	21	52	3
153C5A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	29	3

Htno	Subcode	Subname	Internal	External	Credits
153C5A0103	RT32014	WATER RESOURCES ENGINEERING I	25	24	3
153C5A0103	RT32015	TRANSPORTATION ENGINEERING II	26	33	3
153C5A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	63	3
153C5A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
153C5A0103	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
153C5A0104	RT32011	ENVIRONMENTAL ENGINEERING I	21	31	3
153C5A0104	RT32012	GEOTECHNICAL ENGINEERING II	22	68	3
153C5A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	44	3
153C5A0104	RT32014	WATER RESOURCES ENGINEERING I	27	46	3
153C5A0104	RT32015	TRANSPORTATION ENGINEERING II	25	43	3
153C5A0104	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	54	3
153C5A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
153C5A0104	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
153C5A0105	RT32011	ENVIRONMENTAL ENGINEERING I	27	70	3
153C5A0105	RT32012	GEOTECHNICAL ENGINEERING II	26	49	3
153C5A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	40	3
153C5A0105	RT32014	WATER RESOURCES ENGINEERING I	28	70	3
153C5A0105	RT32015	TRANSPORTATION ENGINEERING II	26	59	3
153C5A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	45	3
153C5A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	30	69	2
153C5A0105	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
153C5A0106	RT32011	ENVIRONMENTAL ENGINEERING I	18	37	3
153C5A0106	RT32012	GEOTECHNICAL ENGINEERING II	18	35	3
153C5A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	43	3
153C5A0106	RT32014	WATER RESOURCES ENGINEERING I	23	47	3
153C5A0106	RT32015	TRANSPORTATION ENGINEERING II	24	34	3
153C5A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	68	3
153C5A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
153C5A0106	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
153C5A0107	RT32011	ENVIRONMENTAL ENGINEERING I	23	40	3
153C5A0107	RT32012	GEOTECHNICAL ENGINEERING II	21	45	3
153C5A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	28	3
153C5A0107	RT32014	WATER RESOURCES ENGINEERING I	27	43	3
153C5A0107	RT32015	TRANSPORTATION ENGINEERING II	25	34	3
153C5A0107	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	47	3
153C5A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
153C5A0107	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
153C5A0108	RT32011	ENVIRONMENTAL ENGINEERING I	23	37	3
153C5A0108	RT32012	GEOTECHNICAL ENGINEERING II	26	69	3
153C5A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	54	3
153C5A0108	RT32014	WATER RESOURCES ENGINEERING I	28	56	3
153C5A0108	RT32015	TRANSPORTATION ENGINEERING II	25	16	0
153C5A0108	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	55	3
153C5A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	68	2
153C5A0108	RT32018	TRANSPORTATION ENGINEERING LAB	24	46	2
153C5A0109	RT32011	ENVIRONMENTAL ENGINEERING I	17	53	3
153C5A0109	RT32012	GEOTECHNICAL ENGINEERING II	26	24	3
153C5A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	35	3
153C5A0109	RT32014	WATER RESOURCES ENGINEERING I	28	31	3
153C5A0109	RT32015	TRANSPORTATION ENGINEERING II	26	40	3

Htno	Subcode	Subname	Internal	External	Credits
153C5A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	31	3
153C5A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
153C5A0109	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
153C5A0110	RT32011	ENVIRONMENTAL ENGINEERING I	21	24	3
153C5A0110	RT32012	GEOTECHNICAL ENGINEERING II	18	24	3
153C5A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	43	3
153C5A0110	RT32014	WATER RESOURCES ENGINEERING I	28	39	3
153C5A0110	RT32015	TRANSPORTATION ENGINEERING II	23	28	3
153C5A0110	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	69	3
153C5A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	67	2
153C5A0110	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
153C5A0111	RT32011	ENVIRONMENTAL ENGINEERING I	25	32	3
153C5A0111	RT32012	GEOTECHNICAL ENGINEERING II	23	46	3
153C5A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	28	3
153C5A0111	RT32014	WATER RESOURCES ENGINEERING I	25	46	3
153C5A0111	RT32015	TRANSPORTATION ENGINEERING II	28	42	3
153C5A0111	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	62	3
153C5A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	67	2
153C5A0111	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
153C5A0112	RT32011	ENVIRONMENTAL ENGINEERING I	22	38	3
153C5A0112	RT32012	GEOTECHNICAL ENGINEERING II	25	70	3
153C5A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	24	3
153C5A0112	RT32014	WATER RESOURCES ENGINEERING I	27	26	3
153C5A0112	RT32015	TRANSPORTATION ENGINEERING II	28	31	3
153C5A0112	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	52	3
153C5A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	68	2
153C5A0112	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
153C5A0113	RT32011	ENVIRONMENTAL ENGINEERING I	20	37	3
153C5A0113	RT32012	GEOTECHNICAL ENGINEERING II	18	27	3
153C5A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	35	3
153C5A0113	RT32014	WATER RESOURCES ENGINEERING I	25	54	3
153C5A0113	RT32015	TRANSPORTATION ENGINEERING II	22	53	3
153C5A0113	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	37	3
153C5A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
153C5A0113	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
153C5A0114	RT32011	ENVIRONMENTAL ENGINEERING I	18	34	3
153C5A0114	RT32012	GEOTECHNICAL ENGINEERING II	17	24	3
153C5A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	25	3
153C5A0114	RT32014	WATER RESOURCES ENGINEERING I	24	34	3
153C5A0114	RT32015	TRANSPORTATION ENGINEERING II	21	41	3
153C5A0114	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	64	3
153C5A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
153C5A0114	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
153C5A0115	RT32011	ENVIRONMENTAL ENGINEERING I	18	46	3
153C5A0115	RT32012	GEOTECHNICAL ENGINEERING II	20	49	3
153C5A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	25	3
153C5A0115	RT32014	WATER RESOURCES ENGINEERING I	27	49	3
153C5A0115	RT32015	TRANSPORTATION ENGINEERING II	23	46	3
153C5A0115	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	63	3
153C5A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	67	2

Htno	Subcode	Subname	Internal	External	Credits
153C5A0115	RT32018	TRANSPORTATION ENGINEERING LAB	23	44	2
153C5A0116	RT32011	ENVIRONMENTAL ENGINEERING I	21	36	3
153C5A0116	RT32012	GEOTECHNICAL ENGINEERING II	23	70	3
153C5A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	54	3
153C5A0116	RT32014	WATER RESOURCES ENGINEERING I	28	67	3
153C5A0116	RT32015	TRANSPORTATION ENGINEERING II	24	24	3
153C5A0116	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	49	3
153C5A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	67	2
153C5A0116	RT32018	TRANSPORTATION ENGINEERING LAB	23	44	2
153C5A0117	RT32011	ENVIRONMENTAL ENGINEERING I	26	59	3
153C5A0117	RT32012	GEOTECHNICAL ENGINEERING II	25	37	3
153C5A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	41	3
153C5A0117	RT32014	WATER RESOURCES ENGINEERING I	28	47	3
153C5A0117	RT32015	TRANSPORTATION ENGINEERING II	25	54	3
153C5A0117	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	36	3
153C5A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	68	2
153C5A0117	RT32018	TRANSPORTATION ENGINEERING LAB	24	45	2
153C5A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	28	3
153C5A0201	RT32022	SWITCHGEAR AND PROTECTION	27	36	3
153C5A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	40	3
153C5A0201	RT32024	POWER SYSTEM ANALYSIS	30	25	3
153C5A0201	RT32025	MANAGEMENT SCIENCE	21	19	0
153C5A0201	RT32026	POWER SEMICONDUCTOR DRIVES	25	24	3
153C5A0201	RT32027	POWER ELECTRONICS LAB	20	45	2
153C5A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	23	44	2
153C5A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	9	0
153C5A0202	RT32022	SWITCHGEAR AND PROTECTION	26	32	3
153C5A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	59	3
153C5A0202	RT32024	POWER SYSTEM ANALYSIS	20	41	3
153C5A0202	RT32025	MANAGEMENT SCIENCE	27	26	3
153C5A0202	RT32026	POWER SEMICONDUCTOR DRIVES	25	24	3
153C5A0202	RT32027	POWER ELECTRONICS LAB	20	45	2
153C5A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	24	44	2
153C5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	-1	0
153C5A0203	RT32022	SWITCHGEAR AND PROTECTION	29	11	0
153C5A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	34	3
153C5A0203	RT32024	POWER SYSTEM ANALYSIS	25	41	3
153C5A0203	RT32025	MANAGEMENT SCIENCE	19	19	0
153C5A0203	RT32026	POWER SEMICONDUCTOR DRIVES	26	24	3
153C5A0203	RT32027	POWER ELECTRONICS LAB	17	30	2
153C5A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	22	0	0
153C5A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	33	3
153C5A0204	RT32022	SWITCHGEAR AND PROTECTION	27	13	0
153C5A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	11	0
153C5A0204	RT32024	POWER SYSTEM ANALYSIS	23	6	0
153C5A0204	RT32025	MANAGEMENT SCIENCE	28	39	3
153C5A0204	RT32026	POWER SEMICONDUCTOR DRIVES	25	30	3
153C5A0204	RT32027	POWER ELECTRONICS LAB	23	47	2
153C5A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	24	44	2
153C5A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	27	3

Htno	Subcode	Subname	Internal	External	Credits
153C5A0205	RT32022	SWITCHGEAR AND PROTECTION	29	41	3
153C5A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	42	3
153C5A0205	RT32024	POWER SYSTEM ANALYSIS	27	30	3
153C5A0205	RT32025	MANAGEMENT SCIENCE	27	25	3
153C5A0205	RT32026	POWER SEMICONDUCTOR DRIVES	27	33	3
153C5A0205	RT32027	POWER ELECTRONICS LAB	22	49	2
153C5A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	22	48	2
153C5A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	4	0
153C5A0206	RT32022	SWITCHGEAR AND PROTECTION	19	24	3
153C5A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	11	0
153C5A0206	RT32024	POWER SYSTEM ANALYSIS	20	18	0
153C5A0206	RT32025	MANAGEMENT SCIENCE	23	18	0
153C5A0206	RT32026	POWER SEMICONDUCTOR DRIVES	15	25	3
153C5A0206	RT32027	POWER ELECTRONICS LAB	17	30	2
153C5A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	20	42	2
153C5A0301	RT32031	OPERATIONS RESEARCH	23	24	3
153C5A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	33	3
153C5A0301	RT32033	DESIGN OF MACHINE MEMBERS II	27	35	3
153C5A0301	RT32034	ROBOTICS	24	14	0
153C5A0301	RT32035	HEAT TRANSFER	27	34	3
153C5A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	29	33	3
153C5A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	20	29	3
153C5A0301	RT32038	HEAT TRANSFER LAB	23	47	2
153C5A0302	RT32031	OPERATIONS RESEARCH	14	4	0
153C5A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	24	3
153C5A0302	RT32033	DESIGN OF MACHINE MEMBERS II	25	24	3
153C5A0302	RT32034	ROBOTICS	18	25	3
153C5A0302	RT32035	HEAT TRANSFER	17	29	3
153C5A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	26	3
153C5A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	17	17	0
153C5A0302	RT32038	HEAT TRANSFER LAB	22	45	2
153C5A0303	RT32031	OPERATIONS RESEARCH	17	27	3
153C5A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	32	3
153C5A0303	RT32033	DESIGN OF MACHINE MEMBERS II	22	31	3
153C5A0303	RT32034	ROBOTICS	21	28	3
153C5A0303	RT32035	HEAT TRANSFER	28	13	0
153C5A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	30	3
153C5A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	18	40	3
153C5A0303	RT32038	HEAT TRANSFER LAB	23	46	2
153C5A0304	RT32031	OPERATIONS RESEARCH	19	20	0
153C5A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	24	3
153C5A0304	RT32033	DESIGN OF MACHINE MEMBERS II	26	35	3
153C5A0304	RT32034	ROBOTICS	16	13	0
153C5A0304	RT32035	HEAT TRANSFER	21	35	3
153C5A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	24	3
153C5A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	25	16	0
153C5A0304	RT32038	HEAT TRANSFER LAB	23	47	2
153C5A0305	RT32031	OPERATIONS RESEARCH	16	24	3
153C5A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	31	3
153C5A0305	RT32033	DESIGN OF MACHINE MEMBERS II	26	35	3

Htno	Subcode	Subname	Internal	External	Credits
153C5A0305	RT32034	ROBOTICS	17	28	3
153C5A0305	RT32035	HEAT TRANSFER	24	38	3
153C5A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	41	3
153C5A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	20	32	3
153C5A0305	RT32038	HEAT TRANSFER LAB	22	44	2
153C5A0306	RT32031	OPERATIONS RESEARCH	15	25	3
153C5A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	31	3
153C5A0306	RT32033	DESIGN OF MACHINE MEMBERS II	28	24	3
153C5A0306	RT32034	ROBOTICS	19	24	3
153C5A0306	RT32035	HEAT TRANSFER	25	28	3
153C5A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	26	3
153C5A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	21	25	3
153C5A0306	RT32038	HEAT TRANSFER LAB	23	45	2
153C5A0307	RT32031	OPERATIONS RESEARCH	15	13	0
153C5A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	32	3
153C5A0307	RT32033	DESIGN OF MACHINE MEMBERS II	26	25	3
153C5A0307	RT32034	ROBOTICS	20	27	3
153C5A0307	RT32035	HEAT TRANSFER	23	27	3
153C5A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	29	25	3
153C5A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	24	34	3
153C5A0307	RT32038	HEAT TRANSFER LAB	23	48	2
153C5A0308	RT32031	OPERATIONS RESEARCH	19	37	3
153C5A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	32	3
153C5A0308	RT32033	DESIGN OF MACHINE MEMBERS II	25	57	3
153C5A0308	RT32034	ROBOTICS	19	16	0
153C5A0308	RT32035	HEAT TRANSFER	25	36	3
153C5A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	16	0
153C5A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	22	36	3
153C5A0308	RT32038	HEAT TRANSFER LAB	23	46	2
153C5A0309	RT32031	OPERATIONS RESEARCH	26	34	3
153C5A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	46	3
153C5A0309	RT32033	DESIGN OF MACHINE MEMBERS II	27	54	3
153C5A0309	RT32034	ROBOTICS	24	24	3
153C5A0309	RT32035	HEAT TRANSFER	24	40	3
153C5A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	42	3
153C5A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	23	38	3
153C5A0309	RT32038	HEAT TRANSFER LAB	23	48	2
153C5A0310	RT32031	OPERATIONS RESEARCH	20	24	3
153C5A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
153C5A0310	RT32033	DESIGN OF MACHINE MEMBERS II	23	18	0
153C5A0310	RT32034	ROBOTICS	21	18	0
153C5A0310	RT32035	HEAT TRANSFER	19	31	3
153C5A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	29	3
153C5A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	14	26	3
153C5A0310	RT32038	HEAT TRANSFER LAB	22	42	2
153C5A0311	RT32031	OPERATIONS RESEARCH	21	11	0
153C5A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	15	0
153C5A0311	RT32033	DESIGN OF MACHINE MEMBERS II	27	25	3
153C5A0311	RT32034	ROBOTICS	20	24	3
153C5A0311	RT32035	HEAT TRANSFER	17	17	0

Htno	Subcode	Subname	Internal	External	Credits
153C5A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	22	0
153C5A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	18	19	0
153C5A0311	RT32038	HEAT TRANSFER LAB	23	40	2
153C5A0312	RT32031	OPERATIONS RESEARCH	16	26	3
153C5A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	31	3
153C5A0312	RT32033	DESIGN OF MACHINE MEMBERS II	24	30	3
153C5A0312	RT32034	ROBOTICS	22	24	3
153C5A0312	RT32035	HEAT TRANSFER	23	39	3
153C5A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	30	3
153C5A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	19	14	0
153C5A0312	RT32038	HEAT TRANSFER LAB	22	47	2
153C5A0313	RT32031	OPERATIONS RESEARCH	8	17	0
153C5A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	31	3
153C5A0313	RT32033	DESIGN OF MACHINE MEMBERS II	25	44	3
153C5A0313	RT32034	ROBOTICS	21	15	0
153C5A0313	RT32035	HEAT TRANSFER	24	37	3
153C5A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	40	3
153C5A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	20	32	3
153C5A0313	RT32038	HEAT TRANSFER LAB	23	45	2
153C5A0314	RT32031	OPERATIONS RESEARCH	10	13	0
153C5A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	27	3
153C5A0314	RT32033	DESIGN OF MACHINE MEMBERS II	22	32	3
153C5A0314	RT32034	ROBOTICS	16	24	3
153C5A0314	RT32035	HEAT TRANSFER	24	33	3
153C5A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	30	3
153C5A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
153C5A0314	RT32038	HEAT TRANSFER LAB	24	43	2
153C5A0315	RT32031	OPERATIONS RESEARCH	16	13	0
153C5A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	31	3
153C5A0315	RT32033	DESIGN OF MACHINE MEMBERS II	25	24	3
153C5A0315	RT32034	ROBOTICS	18	34	3
153C5A0315	RT32035	HEAT TRANSFER	24	15	0
153C5A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	24	3
153C5A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	23	35	3
153C5A0315	RT32038	HEAT TRANSFER LAB	23	41	2
153C5A0316	RT32031	OPERATIONS RESEARCH	26	36	3
153C5A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
153C5A0316	RT32033	DESIGN OF MACHINE MEMBERS II	25	35	3
153C5A0316	RT32034	ROBOTICS	24	29	3
153C5A0316	RT32035	HEAT TRANSFER	26	46	3
153C5A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	30	3
153C5A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	24	24	3
153C5A0316	RT32038	HEAT TRANSFER LAB	23	44	2
153C5A0317	RT32031	OPERATIONS RESEARCH	19	24	3
153C5A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	39	3
153C5A0317	RT32033	DESIGN OF MACHINE MEMBERS II	26	34	3
153C5A0317	RT32034	ROBOTICS	19	14	0
153C5A0317	RT32035	HEAT TRANSFER	23	37	3
153C5A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	36	3
153C5A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	23	32	3

Htno	Subcode	Subname	Internal	External	Credits
153C5A0317	RT32038	HEAT TRANSFER LAB	22	48	2
153C5A0318	RT32031	OPERATIONS RESEARCH	19	25	3
153C5A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
153C5A0318	RT32033	DESIGN OF MACHINE MEMBERS II	24	34	3
153C5A0318	RT32034	ROBOTICS	18	25	3
153C5A0318	RT32035	HEAT TRANSFER	25	31	3
153C5A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	28	3
153C5A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	23	25	3
153C5A0318	RT32038	HEAT TRANSFER LAB	21	44	2
153C5A0319	RT32031	OPERATIONS RESEARCH	22	12	0
153C5A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	32	3
153C5A0319	RT32033	DESIGN OF MACHINE MEMBERS II	26	26	3
153C5A0319	RT32034	ROBOTICS	23	24	3
153C5A0319	RT32035	HEAT TRANSFER	22	0	0
153C5A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	24	3
153C5A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	22	25	3
153C5A0319	RT32038	HEAT TRANSFER LAB	22	49	2
153C5A0320	RT32031	OPERATIONS RESEARCH	18	27	3
153C5A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	41	3
153C5A0320	RT32033	DESIGN OF MACHINE MEMBERS II	25	50	3
153C5A0320	RT32034	ROBOTICS	24	24	3
153C5A0320	RT32035	HEAT TRANSFER	20	32	3
153C5A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	29	3
153C5A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	20	31	3
153C5A0320	RT32038	HEAT TRANSFER LAB	23	48	2
153C5A0321	RT32031	OPERATIONS RESEARCH	14	27	3
153C5A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	48	3
153C5A0321	RT32033	DESIGN OF MACHINE MEMBERS II	22	15	0
153C5A0321	RT32034	ROBOTICS	17	15	0
153C5A0321	RT32035	HEAT TRANSFER	20	9	0
153C5A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	2	0
153C5A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	21	34	3
153C5A0321	RT32038	HEAT TRANSFER LAB	22	43	2
153C5A0322	RT32031	OPERATIONS RESEARCH	18	28	3
153C5A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	41	3
153C5A0322	RT32033	DESIGN OF MACHINE MEMBERS II	28	36	3
153C5A0322	RT32034	ROBOTICS	18	31	3
153C5A0322	RT32035	HEAT TRANSFER	23	40	3
153C5A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	42	3
153C5A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	23	26	3
153C5A0322	RT32038	HEAT TRANSFER LAB	23	45	2
153C5A0323	RT32031	OPERATIONS RESEARCH	12	16	0
153C5A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	33	3
153C5A0323	RT32033	DESIGN OF MACHINE MEMBERS II	29	36	3
153C5A0323	RT32034	ROBOTICS	16	34	3
153C5A0323	RT32035	HEAT TRANSFER	23	12	0
153C5A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	16	0
153C5A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	20	44	3
153C5A0323	RT32038	HEAT TRANSFER LAB	24	45	2
153C5A0324	RT32031	OPERATIONS RESEARCH	21	31	3

Htno	Subcode	Subname	Internal	External	Credits
153C5A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	39	3
153C5A0324	RT32033	DESIGN OF MACHINE MEMBERS II	28	51	3
153C5A0324	RT32034	ROBOTICS	22	29	3
153C5A0324	RT32035	HEAT TRANSFER	28	31	3
153C5A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	29	24	3
153C5A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	25	9	0
153C5A0324	RT32038	HEAT TRANSFER LAB	24	47	2
153C5A0325	RT32031	OPERATIONS RESEARCH	16	25	3
153C5A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	38	3
153C5A0325	RT32033	DESIGN OF MACHINE MEMBERS II	27	41	3
153C5A0325	RT32034	ROBOTICS	20	28	3
153C5A0325	RT32035	HEAT TRANSFER	23	41	3
153C5A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	38	3
153C5A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	20	29	3
153C5A0325	RT32038	HEAT TRANSFER LAB	24	45	2
153C5A0326	RT32031	OPERATIONS RESEARCH	23	12	0
153C5A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	38	3
153C5A0326	RT32033	DESIGN OF MACHINE MEMBERS II	28	39	3
153C5A0326	RT32034	ROBOTICS	28	43	3
153C5A0326	RT32035	HEAT TRANSFER	28	40	3
153C5A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	42	3
153C5A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	26	25	3
153C5A0326	RT32038	HEAT TRANSFER LAB	24	48	2
153C5A0327	RT32031	OPERATIONS RESEARCH	23	33	3
153C5A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	41	3
153C5A0327	RT32033	DESIGN OF MACHINE MEMBERS II	29	68	3
153C5A0327	RT32034	ROBOTICS	29	32	3
153C5A0327	RT32035	HEAT TRANSFER	26	24	3
153C5A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	29	38	3
153C5A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	25	44	3
153C5A0327	RT32038	HEAT TRANSFER LAB	25	49	2
153C5A0328	RT32031	OPERATIONS RESEARCH	12	28	3
153C5A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	37	3
153C5A0328	RT32033	DESIGN OF MACHINE MEMBERS II	23	49	3
153C5A0328	RT32034	ROBOTICS	21	24	3
153C5A0328	RT32035	HEAT TRANSFER	23	42	3
153C5A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	29	32	3
153C5A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	24	24	3
153C5A0328	RT32038	HEAT TRANSFER LAB	24	45	2
153C5A0329	RT32031	OPERATIONS RESEARCH	17	24	3
153C5A0329	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	18	0
153C5A0329	RT32033	DESIGN OF MACHINE MEMBERS II	27	34	3
153C5A0329	RT32034	ROBOTICS	21	18	0
153C5A0329	RT32035	HEAT TRANSFER	25	29	3
153C5A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	36	3
153C5A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	24	28	3
153C5A0329	RT32038	HEAT TRANSFER LAB	23	44	2
153C5A0330	RT32031	OPERATIONS RESEARCH	12	5	0
153C5A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	27	3
153C5A0330	RT32033	DESIGN OF MACHINE MEMBERS II	28	32	3

Htno	Subcode	Subname	Internal	External	Credits
153C5A0330	RT32034	ROBOTICS	24	24	3
153C5A0330	RT32035	HEAT TRANSFER	27	32	3
153C5A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	29	3
153C5A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	20	19	0
153C5A0330	RT32038	HEAT TRANSFER LAB	23	46	2
153C5A0331	RT32031	OPERATIONS RESEARCH	19	33	3
153C5A0331	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	44	3
153C5A0331	RT32033	DESIGN OF MACHINE MEMBERS II	28	59	3
153C5A0331	RT32034	ROBOTICS	24	34	3
153C5A0331	RT32035	HEAT TRANSFER	26	48	3
153C5A0331	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	29	35	3
153C5A0331	RT32037A	REFRIGERATION & AIR CONDITIONING	27	51	3
153C5A0331	RT32038	HEAT TRANSFER LAB	25	49	2
153C5A0332	RT32031	OPERATIONS RESEARCH	27	45	3
153C5A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	38	3
153C5A0332	RT32033	DESIGN OF MACHINE MEMBERS II	29	50	3
153C5A0332	RT32034	ROBOTICS	27	36	3
153C5A0332	RT32035	HEAT TRANSFER	28	46	3
153C5A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	31	3
153C5A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	27	43	3
153C5A0332	RT32038	HEAT TRANSFER LAB	25	49	2
153C5A0333	RT32031	OPERATIONS RESEARCH	10	24	0
153C5A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
153C5A0333	RT32033	DESIGN OF MACHINE MEMBERS II	22	19	0
153C5A0333	RT32034	ROBOTICS	23	10	0
153C5A0333	RT32035	HEAT TRANSFER	24	24	3
153C5A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	27	3
153C5A0333	RT32037A	REFRIGERATION & AIR CONDITIONING	19	24	3
153C5A0333	RT32038	HEAT TRANSFER LAB	24	41	2
153C5A0334	RT32031	OPERATIONS RESEARCH	15	5	0
153C5A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	34	3
153C5A0334	RT32033	DESIGN OF MACHINE MEMBERS II	23	24	3
153C5A0334	RT32034	ROBOTICS	21	27	3
153C5A0334	RT32035	HEAT TRANSFER	23	37	3
153C5A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	30	3
153C5A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	24	25	3
153C5A0334	RT32038	HEAT TRANSFER LAB	24	45	2
153C5A0335	RT32031	OPERATIONS RESEARCH	14	12	0
153C5A0335	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	44	3
153C5A0335	RT32033	DESIGN OF MACHINE MEMBERS II	26	31	3
153C5A0335	RT32034	ROBOTICS	21	28	3
153C5A0335	RT32035	HEAT TRANSFER	21	27	3
153C5A0335	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	53	3
153C5A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	20	29	3
153C5A0335	RT32038	HEAT TRANSFER LAB	24	44	2
153C5A0336	RT32031	OPERATIONS RESEARCH	24	29	3
153C5A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	24	3
153C5A0336	RT32033	DESIGN OF MACHINE MEMBERS II	28	42	3
153C5A0336	RT32034	ROBOTICS	23	25	3
153C5A0336	RT32035	HEAT TRANSFER	27	33	3

Htno	Subcode	Subname	Internal	External	Credits
153C5A0336	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	24	3
153C5A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	22	19	0
153C5A0336	RT32038	HEAT TRANSFER LAB	24	46	2
153C5A0337	RT32031	OPERATIONS RESEARCH	11	16	0
153C5A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	25	3
153C5A0337	RT32033	DESIGN OF MACHINE MEMBERS II	24	28	3
153C5A0337	RT32034	ROBOTICS	17	15	0
153C5A0337	RT32035	HEAT TRANSFER	26	30	3
153C5A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	29	35	3
153C5A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	21	31	3
153C5A0337	RT32038	HEAT TRANSFER LAB	24	45	2
153C5A0338	RT32031	OPERATIONS RESEARCH	13	5	0
153C5A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	25	3
153C5A0338	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
153C5A0338	RT32034	ROBOTICS	19	25	3
153C5A0338	RT32035	HEAT TRANSFER	18	28	3
153C5A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	24	3
153C5A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	20	17	0
153C5A0338	RT32038	HEAT TRANSFER LAB	23	43	2
153C5A0339	RT32031	OPERATIONS RESEARCH	16	39	3
153C5A0339	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	39	3
153C5A0339	RT32033	DESIGN OF MACHINE MEMBERS II	27	46	3
153C5A0339	RT32034	ROBOTICS	26	32	3
153C5A0339	RT32035	HEAT TRANSFER	23	46	3
153C5A0339	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	33	3
153C5A0339	RT32037A	REFRIGERATION & AIR CONDITIONING	24	60	3
153C5A0339	RT32038	HEAT TRANSFER LAB	24	48	2
153C5A0340	RT32031	OPERATIONS RESEARCH	18	27	3
153C5A0340	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	24	3
153C5A0340	RT32033	DESIGN OF MACHINE MEMBERS II	30	32	3
153C5A0340	RT32034	ROBOTICS	23	37	3
153C5A0340	RT32035	HEAT TRANSFER	25	46	3
153C5A0340	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	32	3
153C5A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	21	37	3
153C5A0340	RT32038	HEAT TRANSFER LAB	24	42	2
153C5A0341	RT32031	OPERATIONS RESEARCH	23	40	3
153C5A0341	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	56	3
153C5A0341	RT32033	DESIGN OF MACHINE MEMBERS II	28	51	3
153C5A0341	RT32034	ROBOTICS	29	34	3
153C5A0341	RT32035	HEAT TRANSFER	28	48	3
153C5A0341	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	41	3
153C5A0341	RT32037A	REFRIGERATION & AIR CONDITIONING	26	43	3
153C5A0341	RT32038	HEAT TRANSFER LAB	25	46	2
153C5A0342	RT32031	OPERATIONS RESEARCH	12	6	0
153C5A0342	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	32	3
153C5A0342	RT32033	DESIGN OF MACHINE MEMBERS II	24	24	3
153C5A0342	RT32034	ROBOTICS	20	25	3
153C5A0342	RT32035	HEAT TRANSFER	24	35	3
153C5A0342	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	31	3
153C5A0342	RT32037A	REFRIGERATION & AIR CONDITIONING	19	24	3

Htno	Subcode	Subname	Internal	External	Credits
153C5A0342	RT32038	HEAT TRANSFER LAB	23	45	2
153C5A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	34	3
153C5A0401	RT32042	DIGITAL SIGNAL PROCESSING	16	32	3
153C5A0401	RT32043	DIGITAL COMMUNICATIONS	20	24	3
153C5A0401	RT32044	MICROWAVE ENGINEERING	24	0	0
153C5A0401	RT32045A	BIO MEDICAL ENGINEERING	21	0	0
153C5A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	38	2
153C5A0401	RT32047	DIGITAL COMMUNICATIONS LAB	24	43	2
153C5A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	26	2
153C5A0401	RT32049	SEMINAR	45	0	1
153C5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	14	0
153C5A0402	RT32042	DIGITAL SIGNAL PROCESSING	15	37	3
153C5A0402	RT32043	DIGITAL COMMUNICATIONS	26	17	0
153C5A0402	RT32044	MICROWAVE ENGINEERING	23	33	3
153C5A0402	RT32045A	BIO MEDICAL ENGINEERING	20	33	3
153C5A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2
153C5A0402	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
153C5A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	26	2
153C5A0402	RT32049	SEMINAR	46	0	1
153C5A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	47	3
153C5A0403	RT32042	DIGITAL SIGNAL PROCESSING	18	34	3
153C5A0403	RT32043	DIGITAL COMMUNICATIONS	25	17	0
153C5A0403	RT32044	MICROWAVE ENGINEERING	27	34	3
153C5A0403	RT32045A	BIO MEDICAL ENGINEERING	26	41	3
153C5A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
153C5A0403	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
153C5A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
153C5A0403	RT32049	SEMINAR	47	0	1
153C5A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	26	3
153C5A0404	RT32042	DIGITAL SIGNAL PROCESSING	15	32	3
153C5A0404	RT32043	DIGITAL COMMUNICATIONS	23	3	0
153C5A0404	RT32044	MICROWAVE ENGINEERING	26	34	3
153C5A0404	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
153C5A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	39	2
153C5A0404	RT32047	DIGITAL COMMUNICATIONS LAB	23	42	2
153C5A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	40	2
153C5A0404	RT32049	SEMINAR	46	0	1
153C5A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	16	0
153C5A0405	RT32042	DIGITAL SIGNAL PROCESSING	19	24	3
153C5A0405	RT32043	DIGITAL COMMUNICATIONS	26	10	0
153C5A0405	RT32044	MICROWAVE ENGINEERING	21	30	3
153C5A0405	RT32045A	BIO MEDICAL ENGINEERING	19	26	3
153C5A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	35	2
153C5A0405	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
153C5A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	33	2
153C5A0405	RT32049	SEMINAR	46	0	1
153C5A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	24	3
153C5A0406	RT32042	DIGITAL SIGNAL PROCESSING	19	33	3
153C5A0406	RT32043	DIGITAL COMMUNICATIONS	25	26	3
153C5A0406	RT32044	MICROWAVE ENGINEERING	20	31	3

Htno	Subcode	Subname	Internal	External	Credits
153C5A0406	RT32045A	BIO MEDICAL ENGINEERING	23	42	3
153C5A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
153C5A0406	RT32047	DIGITAL COMMUNICATIONS LAB	23	40	2
153C5A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	44	2
153C5A0406	RT32049	SEMINAR	48	0	1
153C5A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	18	0
153C5A0407	RT32042	DIGITAL SIGNAL PROCESSING	11	13	0
153C5A0407	RT32043	DIGITAL COMMUNICATIONS	19	3	0
153C5A0407	RT32044	MICROWAVE ENGINEERING	23	2	0
153C5A0407	RT32045A	BIO MEDICAL ENGINEERING	19	10	0
153C5A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	34	2
153C5A0407	RT32047	DIGITAL COMMUNICATIONS LAB	21	30	2
153C5A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	14	31	2
153C5A0407	RT32049	SEMINAR	44	0	1
153C5A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	42	3
153C5A0408	RT32042	DIGITAL SIGNAL PROCESSING	17	18	0
153C5A0408	RT32043	DIGITAL COMMUNICATIONS	26	13	0
153C5A0408	RT32044	MICROWAVE ENGINEERING	28	34	3
153C5A0408	RT32045A	BIO MEDICAL ENGINEERING	25	47	3
153C5A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
153C5A0408	RT32047	DIGITAL COMMUNICATIONS LAB	23	42	2
153C5A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	46	2
153C5A0408	RT32049	SEMINAR	49	0	1
153C5A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	5	0
153C5A0409	RT32042	DIGITAL SIGNAL PROCESSING	7	10	0
153C5A0409	RT32043	DIGITAL COMMUNICATIONS	23	11	0
153C5A0409	RT32044	MICROWAVE ENGINEERING	23	14	0
153C5A0409	RT32045A	BIO MEDICAL ENGINEERING	17	12	0
153C5A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	17	0
153C5A0409	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2
153C5A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	33	2
153C5A0409	RT32049	SEMINAR	43	0	1
153C5A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	28	3
153C5A0410	RT32042	DIGITAL SIGNAL PROCESSING	17	32	3
153C5A0410	RT32043	DIGITAL COMMUNICATIONS	26	34	3
153C5A0410	RT32044	MICROWAVE ENGINEERING	26	34	3
153C5A0410	RT32045A	BIO MEDICAL ENGINEERING	19	40	3
153C5A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
153C5A0410	RT32047	DIGITAL COMMUNICATIONS LAB	20	44	2
153C5A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	40	2
153C5A0410	RT32049	SEMINAR	45	0	1
153C5A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	12	0
153C5A0411	RT32042	DIGITAL SIGNAL PROCESSING	12	27	0
153C5A0411	RT32043	DIGITAL COMMUNICATIONS	25	15	0
153C5A0411	RT32044	MICROWAVE ENGINEERING	16	20	0
153C5A0411	RT32045A	BIO MEDICAL ENGINEERING	16	16	0
153C5A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
153C5A0411	RT32047	DIGITAL COMMUNICATIONS LAB	22	30	2
153C5A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	17	0
153C5A0411	RT32049	SEMINAR	44	0	1

Htno	Subcode	Subname	Internal	External	Credits
153C5A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	35	3
153C5A0412	RT32042	DIGITAL SIGNAL PROCESSING	11	15	0
153C5A0412	RT32043	DIGITAL COMMUNICATIONS	21	7	0
153C5A0412	RT32044	MICROWAVE ENGINEERING	21	33	3
153C5A0412	RT32045A	BIO MEDICAL ENGINEERING	16	36	3
153C5A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	37	2
153C5A0412	RT32047	DIGITAL COMMUNICATIONS LAB	15	15	0
153C5A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	14	26	2
153C5A0412	RT32049	SEMINAR	43	0	1
153C5A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	9	0
153C5A0413	RT32042	DIGITAL SIGNAL PROCESSING	13	18	0
153C5A0413	RT32043	DIGITAL COMMUNICATIONS	19	0	0
153C5A0413	RT32044	MICROWAVE ENGINEERING	21	13	0
153C5A0413	RT32045A	BIO MEDICAL ENGINEERING	19	18	0
153C5A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2
153C5A0413	RT32047	DIGITAL COMMUNICATIONS LAB	23	35	2
153C5A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	41	2
153C5A0413	RT32049	SEMINAR	49	0	1
153C5A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	17	0
153C5A0414	RT32042	DIGITAL SIGNAL PROCESSING	14	20	0
153C5A0414	RT32043	DIGITAL COMMUNICATIONS	21	28	3
153C5A0414	RT32044	MICROWAVE ENGINEERING	18	32	3
153C5A0414	RT32045A	BIO MEDICAL ENGINEERING	19	28	3
153C5A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	32	2
153C5A0414	RT32047	DIGITAL COMMUNICATIONS LAB	18	15	0
153C5A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	27	2
153C5A0414	RT32049	SEMINAR	43	0	1
153C5A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	25	3
153C5A0415	RT32042	DIGITAL SIGNAL PROCESSING	12	29	3
153C5A0415	RT32043	DIGITAL COMMUNICATIONS	23	18	0
153C5A0415	RT32044	MICROWAVE ENGINEERING	26	24	3
153C5A0415	RT32045A	BIO MEDICAL ENGINEERING	21	37	3
153C5A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
153C5A0415	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
153C5A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	38	2
153C5A0415	RT32049	SEMINAR	46	0	1
153C5A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	37	3
153C5A0416	RT32042	DIGITAL SIGNAL PROCESSING	9	15	0
153C5A0416	RT32043	DIGITAL COMMUNICATIONS	26	3	0
153C5A0416	RT32044	MICROWAVE ENGINEERING	23	30	3
153C5A0416	RT32045A	BIO MEDICAL ENGINEERING	20	13	0
153C5A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	32	2
153C5A0416	RT32047	DIGITAL COMMUNICATIONS LAB	19	40	2
153C5A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	14	36	2
153C5A0416	RT32049	SEMINAR	42	0	1
153C5A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	16	0
153C5A0418	RT32042	DIGITAL SIGNAL PROCESSING	11	24	0
153C5A0418	RT32043	DIGITAL COMMUNICATIONS	25	0	0
153C5A0418	RT32044	MICROWAVE ENGINEERING	26	1	0
153C5A0418	RT32045A	BIO MEDICAL ENGINEERING	19	26	3

Htno	Subcode	Subname	Internal	External	Credits
153C5A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	37	2
153C5A0418	RT32047	DIGITAL COMMUNICATIONS LAB	18	15	0
153C5A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	17	0
153C5A0418	RT32049	SEMINAR	44	0	1
153C5A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	17	0
153C5A0419	RT32042	DIGITAL SIGNAL PROCESSING	12	9	0
153C5A0419	RT32043	DIGITAL COMMUNICATIONS	24	5	0
153C5A0419	RT32044	MICROWAVE ENGINEERING	24	23	0
153C5A0419	RT32045A	BIO MEDICAL ENGINEERING	21	15	0
153C5A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
153C5A0419	RT32047	DIGITAL COMMUNICATIONS LAB	19	44	2
153C5A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	37	2
153C5A0419	RT32049	SEMINAR	49	0	1
153C5A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	29	3
153C5A0420	RT32042	DIGITAL SIGNAL PROCESSING	13	16	0
153C5A0420	RT32043	DIGITAL COMMUNICATIONS	22	14	0
153C5A0420	RT32044	MICROWAVE ENGINEERING	26	24	3
153C5A0420	RT32045A	BIO MEDICAL ENGINEERING	21	28	3
153C5A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	36	2
153C5A0420	RT32047	DIGITAL COMMUNICATIONS LAB	23	38	2
153C5A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	29	2
153C5A0420	RT32049	SEMINAR	46	0	1
153C5A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	48	3
153C5A0421	RT32042	DIGITAL SIGNAL PROCESSING	28	47	3
153C5A0421	RT32043	DIGITAL COMMUNICATIONS	24	9	0
153C5A0421	RT32044	MICROWAVE ENGINEERING	29	47	3
153C5A0421	RT32045A	BIO MEDICAL ENGINEERING	27	46	3
153C5A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
153C5A0421	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
153C5A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	43	2
153C5A0421	RT32049	SEMINAR	48	0	1
153C5A0501	RT32051	SOFTWARE ENGINEERING	20	34	3
153C5A0501	RT32052	DATA WARE HOUSING AND MINING	23	39	3
153C5A0501	RT32053	COMPUTER NETWORKS	22	27	3
153C5A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	17	0
153C5A0501	RT32055	WEB TECHNOLOGIES	24	26	3
153C5A0501	RT32056	IPR AND PATENTS	21	45	2
153C5A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
153C5A0501	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
153C5A0501	RT32059	WEB TECHNOLOGIES LAB	23	47	2

****Note:-** For Recounting/Revaluation/Challenge By Revaluation Apply through ONLINE only on or before 19-06-2017.

**** Note:****

- * -1 in the filed of externals indicates student absent for the respective subject.
- * -2 in the filed of externals indicates student Withheld for the respective subject.
- * -3 in the filed of externals indicates student Malpractice for the respective subject.

N. Mohan Rao

Date:08-06-2017

Controller of Examinations

