Extended Office Practice Study Plan

The following provides the regular and extended office practice study plan in **Computer Engineering**

Regular Study Plan

Year One		
Fall (17 credits)		
ENG 202	Advanced Academic English	3
PHY 201	Electricity and Magnetism	4
MTH 201	Calculus III	3
MTH 207	Discrete Structures I	3
GNE 212	Engineering Mechanics	3
COE 201	Computer Proficiency	1
Spring (16 credits)		
COE 211	Computer Programming	4
MTH 206	Calculus IV	3
MTH 304	Differential Equations	3
ELE 201	Electrical Circuits I	3
	LAS Elective	3
Summer (6 credits)		
---	LAS Elective	3
---	LAS Elective	3
Year Two		
Fall (17 credits)		
COM 203	Fundamentals of Oral	3
ELE 302	Electrical Circuits II	3
ELE 303	Electrical Circuits II Lab	1
COE 312	Data Structures	3
COE 321	Logic Design	3
COE 322	Logic Design Lab	1
GNE 331	Probability and Statistics	3
Spring (14 credits)		
ELE 401	Electronics I	3
ELE 402	Electronics I Lab	1
ELE 430	Signals and Systems	3
COE 313	Data Structures Lab	1
COE 323	Microprocessors	3
---	LAS Elective	3
Summer (7 credits)		
GNE 301	Professional Communication	2
GNE 303	Engineering Ethics	2
INE 320	Engineering Economy I	3

Study Plan with Extended Experiential Learning

Year One		
Fall (17 credits)		
ENG 202	Advanced Academic English	3
PHY 201	Electricity and Magnetism	4
MTH 201	Calculus III	3
MTH 207	Discrete Structures I	3
GNE 212	Engineering Mechanics	3
COE 201	Computer Proficiency	1
Spring (16 credits)		
COE 211	Computer Programming	4
MTH 206	Calculus IV	3
MTH 304	Differential Equations	3
ELE 201	Electrical Circuits I	3
	LAS Elective	3
Summer (6 credits)		
---	LAS Elective	3
---	LAS Elective	3
Year Two		
Fall (17 credits)		
COM 203	Fundamentals of Oral	3
ELE 302	Electrical Circuits II	3
ELE 303	Electrical Circuits II Lab	1
COE 312	Data Structures	3
COE 321	Logic Design	3
COE 322	Logic Design Lab	1
GNE 331	Probability and Statistics	3
Spring (14 credits)		
ELE 401	Electronics I	3
ELE 402	Electronics I Lab	1
ELE 430	Signals and Systems	3
COE 313	Data Structures Lab	1
COE 323	Microprocessors	3
-	LAS Elective	3
Summer (7 credits)		
GNE 301	Professional Communication	2
GNE 303	Engineering Ethics	2
INE 320	Engineering Economy I	3

Year Three		
Fall (17 credits)		
COE 414	Operating Systems	3
ELE 442	Control Systems	3
ELE 443	Control Systems Lab	1
ELE 537	Communication Systems	3
COE 324	Microprocessors Lab	1
COE 423	Computer Architecture	3
COE 493	Professionalism in Engineering	3
Spring (17 credits)		
COE 424	Digital Systems	3
COE 425	Digital Systems Lab	1
---	ECE Track 1	3
ELE 540	Communication Systems Lab	1
---	ECE Elective	3
---	ECE Elective	3
---	Engineering Elective	3
Summer (6 credits)		
COE 498	Professional Experience	6
Year Four		
Fall (15 credits)		
COE 418	Database Systems	3
COE 593	COE Application	3
COE 595	Capstone Design Project I	3
---	ECE Track 1	3
---	ECE Track 2	3
Spring (18 credits)		
COE 416	Software Engineering	3
COE 431	Computer Networks	3
---	ECE Track 2	3
GNExxx	SOE Signature Course	3
COE 596	Capstone Design Project II	3
---	Free Elective	3

Year Three		
Fall (17 credits)		
COE 414	Operating Systems	3
ELE 442	Control Systems	3
ELE 443	Control Systems Lab	1
ELE 537	Communication Systems	3
COE 324	Microprocessors Lab	1
COE 423	Computer Architecture	3
COE 493	Professionalism in Engineering	3
Spring (17 credits)		
COE 424	Digital Systems	3
COE 425	Digital Systems Lab	1
---	ECE Track 1	3
ELE 540	Communication Systems Lab	1
---	ECE Elective	3
---	ECE Elective	3
---	Engineering Elective	3
Summer (6 credits)		
COE 498	Professional Experience	6
YearFour		
Fall (credits)		
Extended Experiential Learning		
Spring (18 credits)		
COE 416	Software Engineering	3
COE 431	Computer Networks	3
---	ECE Track 2	3
GNExxx	SOE Signature Course	3
COE 595	Capstone Design Project I	3
---	Free Elective	3
Year Five		
Fall (15 credits)		
COE 418	Database Systems	3
COE 593	COE Application	3
COE 596	Capstone Design Project II	3
---	ECE Track 1	3
---	ECE Track 2	3