

Computer Programming Technology

Name:	
COTC Student ID#:	
Advisor:	
Datatel Department Code	CMP
COTC Major Number	002010
OBR Subjectcode	110201

1. Courses listed on this Plan of Study may have prerequisites; please see the Course Description Section on the COTC Web Page (COTC Current Students Tab).
2. Courses highlighted on this Plan of Study are offered only once a year in the Quarter indicated; courses not highlighted on this Plan of Study may or may not be offered more than once per year.

Quarter 1 Autumn			Quarter 2 Winter			Quarter 3 Spring		
BMT-2014	Principles of Business	4.00	CMP-2576	Visual Basic	4.00	ACC-2113	Principles of Accounting - Financial	5.00
CMP-1601	Principles of Computing	1.00	CMP-2592	Operating Systems & Security	4.00	CMP-2580	Visual Basic II	4.00
CMP-2596	Prin Computer Programming	4.00	COM-1536	Composition II	4.00	COM-1525	Technical Writing	3.00
COM-1535	Composition I	4.00		Non Technical Elective - General	3.00		Non Technical Elective Lab Science	5.00
MTH-2553	Math for Programming	5.00		Technical Elective	3.00			
Total		18.00	Total		18.00	Total		17.00
Quarter 4 Autumn			Quarter 5 Winter			Quarter 6 Spring		
BMS-2067	Database Applications I	3.00	CMP-2587	Advanced C++	4.00	CMP-2565	Directed Studies in Computers	3.00
CMP-2586	Object Oriented Programming with C++	4.00	CMP-2594	Database II	4.00	CMP-2597	Current Industry Software	4.00
			CMP-2598	Internet Programming I	4.00	CMP-2599	Internet Programming II	4.00
CMP-2593	Systems Analysis & Design	5.00	COM-1534	Effective Communications	4.00		Technical Elective	4.00
DMD-3839	Web Design & Development I	3.00		Non Technical Elective General	3.00			
EET-3018	PC Hardware: Troubleshooting & Maintenance	3.00						
Total		18.00	Total		19.00	Total		15.00

TOTAL CREDIT HOURS REQUIRED: 105.00

Non Technical Electives General		
Total of 6 Credit Hours Required		
BHS-1006	Critical Thinking	3.00
BHS-1030	Reasoning Skills	3.00
BHS-1340	Ethics	3.00
BHS-1376	General Psychology	5.00
BHS-1379	Cultural Diversity	3.00
BHS-1382	Sociology	3.00
BHS-1383	Psychology of Adjustment	5.00
BHS-1385	Organizational Psychology	3.00
COM-1523	Small Group Communications	3.00
MTH-1208	Elementary Statistics (Recommended)	5.00
Other Suitable Courses (Humanities) as approved by the Academic Dean		

Technical Electives					
Total of 7 Credit Hours Required					
ACC-2114	Financial Accounting	5.00	DMD-3836	Mass Media Communication	3.00
BMS-2037	Spreadsheet Applications I	3.00	DMD-3840	Web Design & Develop II	3.00
BMS-2038	Database Applications II	3.00	DMD-3860	Digital Software Fundamentals	2.00
BMT-2464	PC Applications in Business	4.00	DMD-3862	Introduction to e-Life: the	3.00
BMT-2997	Field Experience - Bus I	1.00	DMD-3864	Interactive Site Design	3.00
BMT-2998	Field Experience - Bus II	2.00	DMD-3866	Designing Dynamic Websites	3.00
BMT-2999	Field Experience - Bus III	3.00	EET-3154	Digital Electronics I	4.00
CMP-2585	Data Communications	4.00	EET-3306	Local Area Networks	3.00
DMD-3820	Design Fundamentals	3.00	EET-3326	LAN Microsoft	4.00
DMD-3824	Fundamentals of Color	3.00			

Non Technical Electives					
Total of 5 Credit Hours Required					
CHM-1710	General Organic Chemistry	6.00	BIO-1730	Environmental Science	5.00
CHM-1713	General, Organic & Biochem	6.00	BIO-1740	General Biology	5.00
			BIO-1745	Human Biology	5.00