

Central Ohio Technical College

Plan of Study - 2010-2011 Academic Year

Plan of Study for the Associate of Applied Business Degree in

Information Technology

Programming & Software Development Major

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).

Name:	
COTC Student ID#:	
Advisor:	
Datatel Department Code	IT PSD
COTC Major Number	002061
OBR Subjectcode	110201

COURSE NAME	COURSE TITLE	CR HRS	CRS TYPE	QTR OFFERED	COURSE NAME	COURSE TITLE	CR HRS	CRS TYPE	QTR OFFERED	COURSE NAME	COURSE TITLE	CR HRS	CRS TYPE	QTR OFFERED
QUARTER 1					QUARTER 2					QUARTER 3				
BMT-2014	Principles of Business	4.00	Non-Tech	SM,AU,WI,SP	CMP-2576	Visual Basic	4.00	Tech	WI	ACC-2113	Principles of Accounting-Financial	5.00	Non-Tech	SM,AU,WI,SP
CMP-1601	Principles of Computing	1.00	Non-Tech	SM,AU,WI,SP	CMP-2592	Operating Systems & Security	4.00	Tech	WI	CMP-2580	Adv. Visual Basic	4.00	Tech	SP
CMP-2596	Prin Computer Programming	4.00	Tech	AU	COM-1536	Composition II	4.00	Non-Tech	SM,AU,WI,SP	BMS-2067	Database Applications I	3.00	Tech	SP
COM-1535	Composition I	4.00	Non-Tech	SM,AU,WI,SP		Non Technical Elective - General	3.00	Non-Tech	SM,AU,WI,SP	DMD-3839	Web Design & Development I	3.00	Tech	SP
MTH-2553	Math for Programming	5.00	Non-Tech	AU		Technical Elective - Other	3.00	Tech	WI	COM-1525	Technical Writing	3.00	Non-Tech	SM,AU,WI,SP
	Total	18.00				Total	18.00				Total	18.00		
QUARTER 4					QUARTER 5					QUARTER 6				
CMP-2594	Database II	4.00	Tech	AU	CMP-2586	C++	4.00	Tech	WI	CMP-2565	Directed Studies in Computers	3.00	Tech	SP
CMP-2593	Systems Analysis & Design	5.00	Tech	AU	CMP-2599	Internet Programming II	4.00	Tech	WI	CMP-2587	Advanced C++	4.00	Tech	SP
CMP-2598	Internet Programming I	4.00	Tech	AU	COM-1534	Effective Communications	4.00	Non-Tech	SM,AU,WI,SP		Technical Elective - From List A	4.00	Tech	SP
EET-3018	PC Hardware: Troubleshooting & Maintenance	3.00	Non-Tech	AU		Non Technical Elective Lab Science	5.00	Non-Tech	SM,AU,WI,SP		Technical Elective - Other	4.00	Tech	SP
	Total	16.00				Total	17.00				Total	18.00		
Non-Technical Electives -- Total of 6 Credit Hours Required														
BHS-1006	Critical Thinking	3.00	Non-Tech	SM,AU,WI,SP	BHS-1379	Cultural Diversity	3.00	Non-Tech	SM,AU,WI,SP	BHS-1385	Organizational Psychology	3.00	Non-Tech	SM,AU,WI,SP
BHS-1030	Reasoning Skills	4.00	Non-Tech	SM,AU,WI,SP	BHS-1382	Sociology	3.00	Non-Tech	SM,AU,WI,SP	COM-1523	Small Group Communications	3.00	Non-Tech	SM,AU,WI,SP
BHS-1340	Ethics	3.00	Non-Tech	SM,AU,WI,SP	BHS-1383	Psychology of Adjustment	5.00	Non-Tech	SM,AU,WI,SP	MTH-1218	Statistics (Recommended)	5.00	Non-Tech	SM,AU,WI,SP
BHS-1376	General Psychology	5.00	Non-Tech	SM,AU,WI,SP	Other Suitable Courses (Humanities) as approved by the Academic Dean									
Non-Technical Electives - Lab Science - Total of 5 Credit Hours Required														
CHM-1710	General Organic Chemistry	6.00	Non-Tech	SM,AU,WI,SP	BIO-1730	Environmental Science	5.00	Non-Tech	SM,AU,WI,SP	BIO-1745	Human Biology	5.00	Non-Tech	SM,AU,WI,SP
CHM-1713	General, Organic & Biochem	6.00	Non-Tech	SM,AU,WI,SP	BIO-1740	General Biology	5.00	Non-Tech	SM,AU,WI,SP					
Technical Electives List A -- Choose one of the following courses to fulfill the requirement (Total of 4 credit hours)														
CMP-2564	JAVA	4.00	Tech	SP	CMP-2597	Current Industry Software	4.00	Tech	SP					
Technical Electives - OTHER -- Total of 7 Credit Hours Required														
ACC-2114	Financial Accounting	5.00	Tech	WI,SP	CMP-2585	Data Communications	4.00	Tech	WI,SP	DMD-3864	Interactive Site Design	3.00	Tech	WI,SP
BMS-2037	Spreadsheet Applications I	3.00	Tech	WI,SP	DMD-3820	Design Fundamentals	3.00	Tech	WI,SP	DMD-3876	Game Programming I	3.00	Tech	WI,SP
BMS-2038	Database Applications II	3.00	Tech	WI,SP	DMD-3824	Fundamentals of Color	3.00	Tech	WI,SP	DMD-3866	Designing Dynamic Websites	3.00	Tech	WI,SP
BMT-2464	PC Applications in Business	4.00	Tech	WI,SP	DMD-3836	Mass Media Communication	3.00	Tech	WI,SP	EET-3154	Digital Electronics I	4.00	Tech	WI,SP
BMT-2997	Field Experience - Bus I	1.00	Tech	WI,SP	DMD-3840	Web Design & Develop II	3.00	Tech	WI,SP	EET-3306	Local Area Networks	3.00	Tech	WI,SP
BMT-2998	Field Experience - Bus II	2.00	Tech	WI,SP	DMD-3860	Digital Software Fundamentals	2.00	Tech	WI,SP	EET-3326	LAN Microsoft	4.00	Tech	WI,SP
BMT-2999	Field Experience - Bus III	3.00	Tech	WI,SP	DMD-3862	Intro to e-Life: the Evolving Web	3.00	Tech	WI,SP					

The College Reserves the Right to Change Curricula Without Notice

REVISED - AUGUST, 2010

Office of the Vice President for Academic Affairs

Total Credit Hours Required for Completion of Degree		105.00
Non-Technical Required Credit Hours		44.00
Technical Required Credit Hours		61.00