

Datatel Program Code	ITPSD.AAB
COTC Major Number	002061
CIP Code	11.0201

In Autumn 2012, Central Ohio Technical College will convert from the Quarter system (4 quarters per academic year) to the Semester system (2 Semesters and 1 Summer Session per academic year). Students entering COTC in Summer 2011, Autumn 2011, Winter 2012, Spring 2012, or Summer 2012 will begin their program in Quarters.

COTC makes the following three guarantees to all students who will transition from the quarter system into the semester system:

- 1) No loss of academic progress;
- 2) No delay in time to degree completion/graduation;
- and 3) No increase in total tuition and fees expended for the degree system to the program.

If transitioning from the Quarter to the Semester system, please visit the COTC "Think Semesters" web page

(<http://www.cotc.edu/ThinkSemesters/Pages/default.aspx>)

regularly for updates and for important additional information.

*Students should meet with their Academic Advisor to map out individual paths to their degree.*

*A grade of C (2.00) or better is required for all Information Technology Technology courses listed as prerequisites for advanced courses.*

<b>KEY:</b>	* Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page
	** Indicates there will be no equivalent for this course in the Semester system; please see Academic Advisor
	NT - Indicates this course fulfills a Non-Technical Course Requirement in this Plan of Study
	NT Elec - Indicates Elective Choice in the Non-Technical course requirement category
	T - Indicates this course fulfills a Technical Course Requirement in this Plan of Study
	T Elec - Indicates Elective Choice in the Technical course requirement category

#### YEAR 1 2011-2012 (Quarter System)

Course Name	Course Title	Course Credit Hours	Tech, Non-tech or Elective	Quarter(s) Course Offered	Equivalent Semester Course	Equivalent Semester Cr Hrs
<b>QUARTER 1</b>						
BMT-2014	Principles of Business	4.00	NT	SM,AU,WI,SP	BUS-105	3.00
CMP-2502	Computer Applications for Technology Professionals	3.00	NT	AU	CIT-102	3.00
CMP-2592	Operating Systems & Security	4.00	T	AU	CIT-110	3.00
CMP-2596	Principles of Computer Programming	4.00	T	AU	CIT-105	3.00
COM-1535	Composition I	4.00	NT	SM,AU,WI,SP	ENGL-110	3.00
<b>Total Credit Hours</b>		19.00				
<b>QUARTER 2</b>						
BMS-2067	Database Applications I	3.00	T	WI,SP	None**	-----
CMP-2586	Object Oriented Programing with C++	4.00	T	WI	None**	-----
COM-1536	Composition II	4.00	NT	SM,AU,WI,SP	ENGL-111	3.00
DMD-3839	Web Design & Development I	3.00	T	WI,SP	DMD-120	3.00
	Non-Technical Elective - Arts & Humanities	3.00	NT Elec		See Choices Below	
<b>Total Credit Hours</b>		17.00				
<b>QUARTER 3</b>						
CMP-2587	Advanced C++	4.00	T	SP	CIT-205	3.00
CMP-2594	Database II	4.00	T	SP	CIT-160	3.00
CMP-2598	Internet Programming I	4.00	T	SP	CIT-150	3.00
MTH-2553	Mathematics for Computer Programming	5.00	NT	AU,SP	CIT-115	3.00
<b>Total Credit Hours</b>		17.00				

#### Non-Technical Electives -- Arts and Humanities

Total of 3 QUARTER Credit Hours Required Chosen from Courses Listed Below to Complete this Degree

Course Name	Course Title	Course Credit Hours	Tech, Non-tech or Elective	Quarter(s) Course Offered	Equivalent Semester Course	Equivalent Semester Cr Hrs
BHS-1006	Critical Thinking	3.00	NT Elec	SM,AU,WI,SP	PHIL-100	3.00
BHS-1030	Reasoning Skills	4.00	NT Elec	SM,AU,WI,SP	None**	-----
BHS-1340	Ethics	3.00	NT Elec	SM,AU,WI,SP	PHIL-200	3.00
BMT-2074	Business Law	5.00	NT Elec	SM,AU,WI,SP	BUS-120	3.00
COM-1523	Small Group Communications	3.00	NT Elec	SM,AU,WI,SP	SPCH-210	3.00

*The College Reserves the Right to Change Curricula Without Notice.*

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## YEAR 2 2012-2013 (Semester System)

Course Name	Course Title	Course Credit Hours	Tech, Non-tech or Elective	Semester(s) Course Offered	Equivalent Quarter Course	Equivalent Quarter Cr Hrs
<b>SEMESTER 1</b>						
CIT-120	PC Hardware: Troubleshooting & Maintenance	3.00	T	AU	EET-3039	3.00
CIT-130	Visual Basic I	3.00	T	AU	CMP-2576	4.00
CIT-210	Systems Analysis & Design	4.00	T	AU	CMP-2593	5.00
CIT-298	Bridge Course - Internet Programming II	2.00	T	AU	CMP-2599	4.00
	Non-Technical Elective - Lab Science	4.00	NT Elec		See Choices Below	
	<b>Total Credit Hours</b>	16.00				
<b>SEMESTER 2</b>						
CIT-140	Java Programming	3.00	T	SP	CMP-2564	4.00
CIT-230	Visual Basic II	3.00	T	SP	CMP-2580 & CMP-2535	4.00 & 4.00
SPCH-100	Fundamentals of Communication	3.00	NT	SM,AU,SP	COM-1534	4.00
	Non-Technical Elective - Social & Behavioral Sciences	3.00	NT Elec		See Choices Below	
	Technical Elective - General	3.00	T Elec		See Choices Below	
	Technical Elective - IT Capstone	2.00	T Elec		See Choices Below	
	<b>Total Credit Hours</b>	17.00				

## Non-Technical Electives - Lab Science

## Total of 4 SEMESTER Credit Hours Chosen from the Courses Listed Below Required to Complete this Degree

BIO-105	Environmental Science	4.00	NT Elec	SM,AU,WI,SP	BIO-1730	5.00
BIO-120	General Biology	4.00	NT Elec	SM,AU,WI,SP	BIO-1740	5.00
BIO-121	Human Biology	4.00	NT Elec	SM,AU,WI,SP	BIO-1745	5.00
CHEM-101	General Organic Chemistry	4.00	NT Elec	SM,AU,WI,SP	CHM-1710	6.00
PHYS-100	General Physics	4.00	NT Elec	SM,AU,WI,SP	PHY-1721	5.00

## Non-Technical Electives - Social and Behavioral Sciences

## Total of 3 SEMESTER Credit Hours Chosen from the Courses Listed Below Required to Complete this Degree

PSYCH-100	Introduction to Psychology	3.00	NT Elec	SM,AU,WI,SP	BHS-1376	5.00
PSYCH-220	Social Psychology	3.00	NT Elec	SM,AU,WI,SP	BHS-1370	5.00
PSYCH-230	Organizational Psychology	3.00	NT Elec	SM,AU,WI,SP	BHS-1385	3.00
SOC-100	Introduction to Sociology	3.00	NT Elec	SM,AU,WI,SP	BHS-1382	3.00
SOC-110	Cultural Diversity	3.00	NT Elec	SM,AU,WI,SP	BHS-1379	3.00

## Technical Elective - IT Capstone

## Total of 2 SEMESTER Credit Hours Chosen from the Courses Listed Below Required to Complete this Degree

CIT-270	Programming & Software Development Capstone	2.00	T Elec	SP	CMP-2565	3.00
CIT-293	IT Internship	1.00	T Elec	SM,AU,SP	CMP-2551	3.00
CIT-294	IT Internship	1.00	T Elec	SM,AU,SP	CMP-2551	3.00
CIT-295	IT Cooperative Work Experience	1.00	T Elec	SM,AU,SP	CMP-2552	3.00
CIT-296	IT Cooperative Work Experience	1.00	T Elec	SM,AU,SP	CMP-2552	3.00

## Technical Elective - General

## Total of 3 SEMESTER Credit Hours Chosen from the Courses Listed Below Required to Complete this Degree

ACCT-111	Financial Accounting	3.00	T Elec	AU	ACC-2113 & ACC-2114	5.00 & 5.00
BUS-125	PC Applications in Business	3.00	T Elec	SM,AU,SP	BMT-2464	4.00
BUS-155	Spreadsheet Applications	3.00	T Elec	SM,AU,SP	BMS-2037 & BMS-2038	3.00 & 3.00
CIT-101	Help Desk Concepts	3.00	T Elec	AU	CMP=2501	3.00
CIT-103	Technology Integration Support	3.00	T Elec	SP	CMP-2505	3.00
CIT-125	Networking	4.00	T Elec		EET-3306 & EET-3326	3.00 & 4.00
DMD-101	Digital Software Fundamentals	1.00	T Elec		DMD-3860	2.00
DMD-104	Design Fundamentals	3.00	T Elec		DMD-3820	3.00
DMD-106	Mass Media Communication	3.00	T Elec		DMD-3836	3.00
DMD-107	Introduction to e-Life: the Evolving Web	3.00	T Elec		DMD-3862	3.00
DMD-203	Interactive and Mobile Site Design	3.00	T Elec		DMD-3864	3.00
ENGRTECH-241	Digital Electronics I	3.00	T Elec		EET-3154	4.00