

**Plan of Study for the Associate of Applied Business Degree in  
Information Technology -  
IT Specialist Option**

<b>Datatel Program Code</b>	<b>ITSPC.AAB</b>
<b>COTC Major Number</b>	<b>002065</b>
<b>CIP Code</b>	<b>11.1006</b>

A grade of C (2.00) or better is required for all courses listed as prerequisites for advanced courses (as indicated by the # next to Course Name).

*The student who successfully completes the courses listed below on this Plan of Study will earn an Associate of Applied Business Degree in Information Technology-Specialist.*

**KEY:** \* Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page  
 # Indicates this course requires a C grade or better for ITSPC.AAB students in order to progress and graduate from the program  
 NT - Indicates this course fulfills a Non-Technical Course Requirement on 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 on this Plan of Study  
 T Elec - Indicates Elective Choice in the Technical course requirement category

TAG, C-TAG, OTM - Designation in this column indicates this course has been approved by the Ohio Board of Regents as a Transfer Assurance Guide (TAG), Career Technical Assurance Guide (C-TAG), or Ohio Transfer Module (OTM) course. Please follow this link on the COTC web site for more information: <http://www.cotc.edu/current-students/tags-transfer-module/Pages/index.aspx>

Course Name	Course Title	Course Credit Hours	Weekly Contact Hours	Tech, Non-Tech or Elective	Semester(s) Course Offered	SEM Course Approved As A TAG, C-TAG or OTM	Equivalent Quarter Course	Equivalent Quarter Cr Hrs
<b>SEMESTER 1</b>								
BUS-105	Introduction to Business	3.00	3.00	NT	AU	----	BMT-2014	4.00
# CIT-102	Computer Applications for Technology Specialists	3.00	5.00	NT	AU	----	CMP-2502	3.00
# CIT-105	Principles of Computer Programming	3.00	5.00	T	AU	----	CMP-2596	4.00
CIT-110	Operating Systems & Security	3.00	5.00	T	AU	----	CMP-2592	4.00
* # ENGL-112	Composition I	3.00	4.00	NT	SM,AU,SP	OTM	COM-1535	4.00
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>15.00</b>	<b>22.00</b>					
<b>SEMESTER 2</b>								
* CIT-115	Math for Information Technology	3.00	3.00	NT	SP	----	MTH-2553	5.00
* # CIT-150	Internet Programming I	3.00	5.00	T	SP	----	CMP-2598	4.00
# CIT-160	Database	3.00	5.00	T	SP	----	CMP-2594	4.00
* CIT-205	Advanced C++	3.00	5.00	T	SP	----	CMP-2587	4.00
* ENGL-208	Technical Writing	3.00	4.00	NT	SM,AU,SP	----	COM-1525	3.00
	Non-Technical Elective - Arts & Humanities	3.00	3.00	NT ELEC	See Choices Below			
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>18.00</b>	<b>25.00</b>					
<b>SEMESTER 3</b>								
CIT-101	User Support Concepts	3.00	4.00	T	AU	----	CMP-2501	3.00
CIT-120	PC Hardware: Troubleshooting & Maintenance	3.00	5.00	T	AU	C-TAG	EET-3039	3.00
* # CIT-130	Visual Basic I	3.00	5.00	T	AU	----	CMP-2576	4.00
# CIT-215	IT Project Management	3.00	4.00	NT	AU	----	CMP-2540	4.00
	Non-Technical Elective - Lab Science	4.00	5.00	NT ELEC	See Choices Below			
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>16.00</b>	<b>23.00</b>					

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<b>Total Semester Credit Hours Required for Completion of Degree</b>	<b>67.00</b>
<i>Non-Technical Required Semester Credit Hours</i>	31.00
<i>Technical Required Semester Credit Hours</i>	36.00

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<b>SEMESTER 4</b>								
CIT-125	Networking	4.00	6.00	T	SP	----	EET-3306 & EET-3326	3.00 & 4.00
* CIT-140	Java Programming	3.00	5.00	T	SP	----	CMP-2564	4.00
SPCH-100	Fundamentals of Communication	3.00	3.00	NT	SM,AU,SP	TAG	COM-1534	4.00
	Non-Technical Elective - Social & Behavioral Sciences	3.00	3.00	NT ELEC	See Choices Below			
	Technical Elective - General	3.00	6.00	T ELEC	See Choices Below			
	Technical Elective - IT Capstone	2.00	11.00	T ELEC	See Choices Below			
	<b>TOTAL CREDIT &amp; CONTACT HOURS</b>	<b>18.00</b>	<b>34.00</b>					
<b>Non-Technical Electives - Arts and Humanities</b>								
<b>Total of 3.00 Semester Credit Hours Required to Complete this Degree</b>								
* PHIL-100	Critical Thinking	3.00	3.00	NT Elec	SM,AU,SP	OTM	BHS-1006	3.00
* PHIL-150	Introduction to Philosophy	3.00	3.00	NT Elec	SM,AU,SP	TAG	None	----
* PHIL-200	Introduction to Ethics	3.00	3.00	NT Elec	SM,AU,SP	TAG, OTM	BHS-1340	3.00
	SPAN-101 Spanish I	3.00	3.00	NT Elec	AU	----	None	----
* SPAN-102	Spanish II	3.00	3.00	NT Elec	SP	----	None	----
<b>Non-Technical Elective - Lab Science</b>								
<b>Total of 3.00 Semester Credit Hours Required to Complete this Degree</b>								
BIO-105	Environmental Science	4.00	5.00	NT Elec	SM,AU,SP	OTM	BIO-1730	5.00
* BIO-120	General Biology	4.00	5.00	NT Elec	SM,AU,SP	OTM	BIO-1740	5.00
* BIO-121	Human Biology	4.00	5.00	NT Elec	SM,AU,SP	OTM	BIO-1745	5.00
	BIO-140 General Ecology	4.00	5.00	NT Elec	SM,AU,SP	OTM	----	----
	CHEM-100 Basic Chemistry	4.00	5.00	NT Elec	SM,AU,SP	OTM	None	----
* CHEM-101	General Organic Chemistry	4.00	5.00	NT Elec	SM,AU,SP	OTM	CHM-1710	6.00
* CHEM-102	Fundamental Chemistry	4.00	5.00	NT Elec	SM,AU,SP	----	CHM-1713	6.00
* PHYS-100	General Physics	4.00	5.00	NT Elec	SM,AU,SP	----	PHY-1721	5.00
<b>Non-Technical Elective - Social and Behavioral Sciences</b>								
<b>Total of 3.00 Semester Credit Hours Required to Complete this Degree</b>								
* PSY-100	Introduction to Psychology	3.00	3.00	NT Elec	SM,AU,SP	TAG, OTM	BHS-1376	5.00
* PSY-200	Abnormal Psychology	3.00	3.00	NT Elec	SM,AU,SP	TAG	BHS-1378	5.00
* PSY-220	Social Psychology	3.00	3.00	NT Elec	SM,AU,SP	TAG	BHS-1370	5.00
	SOC-100 Introduction to Sociology	3.00	3.00	NT Elec	SM,AU,SP	TAG, OTM	BHS-1382	3.00
	SOC-110 Cultural Diversity	3.00	3.00	NT Elec	SM,AU,SP	TAG, OTM	BHS-1379	3.00

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<b>Technical Elective - General</b>								
<b>Total of 3.00 Semester Credit Hours Required to Complete this Degree</b>								
ACCT-111	Financial Accounting	3.00	4.00	T Elec	AU	TAG	ACC-2113 & ACC-2114	5.00 & 5.00
BUS-125	PC Applications in Business	3.00	4.00	T Elec	AU	TAG	BMT-2464	4.00
BUS-155	Spreadsheet Applications	4.00	4.00	T Elec	AU	----	BMS-2037 & BMS-2038	3.00 & 3.00
CIT-103	Technology Integration Support	3.00	5.00	T Elec	SP	----	CMP-2505	3.00
* CIT-210	Systems Analysis & Design	4.00	6.00	T Elec	AU	----	CMP-2593	5.00
* CIT-230	Visual Basic II	3.00	5.00	T Elec	SP	----	CMP-2580	4.00
* # CIT-250	Internet Programming II	3.00	5.00	T Elec	AU	----	CMP-2599	4.00
CIT-265	Diaster Recovery & Business Continuity	3.00	4.00	T Elec	SP	----	CMP-2541	3.00
ENGR-100	Introduction to Engineering Technologies	1.00	1.00	T Elec	AU	----	None	----
* ELEC-113	Circuits I	3.00	5.00	T Elec	SP	----	EET-3028	4.00
<b>Technical Elective - IT Capstone/ Internship/ Work Experience</b>								
<b>Total of 2.00 Semester Credit Hours Required to Complete this Degree</b>								
* CIT-240	IT Specialist Capstone	2.00	4.00	T Elec	SP	----	CMP-2565	3.00
* CIT-270	Programming & Software Development Capstone	2.00	4.00	T Elec	SP	----	CMP-2565	3.00
* CIT-291	IT Internship	2.00	8.00	T Elec	SP	----	CMP-2551	3.00
* CIT-297	IT Cooperative Work Experience	2.00	11.00	T Elec	SP	----	CMP-2552	3.00

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

**REVISED - JUNE, 2014**