

Datatel Program Code	SCI.AS
COTC Major Number	004900
CIP Code	24.0101

The Associate of Science degree will be awarded to students whose transcripts reflects their having successfully completed the minimum number of credit hours from each discipline area with courses in which students will have received a grade of C (2.00) or better.

**PLEASE NOTE:** A course may only fulfill a requirement ONCE on this plan of study. For example, If ENGL-211 Survey of American Literature is used to fulfill an English Composition & Literature requirement, the course MAY NOT be used to complete an Arts & Humanities requirement.

**KEY:** \* Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page  
 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>

Requirements to Complete This Degree	Course Name	Course Title	Course Credit Hours	Weekly Contact Hours	Semester(s) Course Offered	SEM Course Approved As A TAG, C-TAG or OTM	Equivalent Quarter Course	Equivalent Quarter Cr Hrs
<b>INTERDISCIPLINARY STUDIES</b>								
<b>Minimum of 1.00 Credit Hours Required to Complete this Degree</b>								
This Course MUST be Completed the First Semester of Enrollment	IDS-100	Campus Connections	1.00	2.00	SM,AU,SP	----	None	----
<b>ARTS AND HUMANITIES</b>								
<b>A Minimum of 12.00 Credit Hours Required to Complete This Degree</b>								
Must Take Two (both) Courses Listed (6.00 semester credit hours)	* PHIL-100	Critical Thinking	3.00	3.00	SM,AU,SP	OTM	BHS-1006	3.00
	* PHIL-200	Introduction to Ethics	3.00	3.00	SM,AU,SP	TAG, OTM	BHS-1340	3.00
Pick Two of the Listed Courses (6.00 semester credit hours)	ARCH-176	Architecture History Survey	3.00	3.00	SP	OTM	DDT-3718	3.00
	DMD-100	Fundamentals of Drawing	3.00	7.00	AU	TAG	DMD-3831	4.00
	DMD-105	Digital Photography I	3.00	5.00	SP	TAG	DMD-3822 & DMD-3825	3.00 & 3.00
	DMD-106	Mass Media Communications	3.00	4.00	SP	TAG	DMD-3836	3.00
	* ENGL-208	Technical Writing	3.00	4.00	SM,AU,SP	----	COM-1525	3.00
	* ENGL-211	Survey of American Literature I	3.00	3.00	AU	OTM, TAG	COM-1551	4.00
	* ENGL-212	Survey of American Literature II	3.00	3.00	SP	OTM, TAG	COM-1552	4.00
	* ENGL-221	Survey of British Literature I	3.00	3.00	AU	TAG	COM-1556	4.00
	* ENGL-222	Survey of British Literature II	3.00	3.00	SP	TAG	COM-1557	4.00
	HIST-150	US History I: to 1877	3.00	3.00	SM,AU,SP	TAG	HIS-1330	5.00
	HIST-151	US History II: Since 1877	3.00	3.00	SM,AU,SP	TAG	HIS-1331	5.00
	* PHIL-150	Introduction to Philosophy	3.00	3.00	SM,AU,SP	TAG	None	----
	SPAN-101	Spanish I	3.00	3.00	AU	----	None	----
	* SPAN-102	Spanish II	3.00	3.00	SP	----	None	----
* SPAN-103	Spanish III	3.00	3.00	AU	----	None	----	
* SPAN-104	Spanish IV	3.00	3.00	SP	----	None	----	

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<b>ENGLISH COMPOSITION AND LITERATURE</b>								
<b>A Minimum of 9.00 Semester Credit Hours is Required to Complete this Degree</b>								
<b>Pick Two of the Listed Courses (6.00 semester credit hours)</b>	* ENGL-112	Composition I	3.00	4.00	SM,AU,SP	OTM	COM-1535	4.00
	* ENGL-113	Composition II	3.00	4.00	SM,AU,SP	OTM	COM-1536	4.00
	* ENGL-216	Writing About Literature	3.00	4.00	SM,AU,SP	OTM	COM-1553	4.00
<b>Pick One of the Listed Courses (3.00 semester credit hours)</b>	* ENGL-207	Business & Professional Communication	3.00	4.00	SM,AU,SP	TAG	None	-----
	* ENGL-211	Survey of American Literature I	3.00	3.00	AU	OTM,TAG	COM-1551	4.00
	* ENGL-212	Survey of American Literature II	3.00	3.00	SP	OTM,TAG	COM-1552	4.00
	* ENGL-221	Survey of British Literature I	3.00	3.00	AU	TAG	COM-1556	4.00
	* ENGL-222	Survey of British Literature II	3.00	3.00	SP	TAG	COM-1557	4.00
<b>Pick One of the Listed Courses (3.00 semester credit hours)</b>	SPCH-100	Fundamentals of Communication	3.00	3.00	SM,AU,SP	TAG	COM-1534	4.00
	SPCH-205	Public Speaking	3.00	3.00	SM,AU,SP	TAG	COM-1504	3.00
	SPCH-210	Small Group Communications	3.00	3.00	SM,AU,SP	TAG	COM-1523	3.00
<b>SOCIAL AND BEHAVIORAL SCIENCES</b>								
<b>A Minimum of 12.00 Credit Hours Required to Complete this Degree</b>								
<b>Must Take This Course (3.00 semester credit hours)</b>	* SOC-110	Cultural Diversity	3.00	3.00	SM,AU,SP	OTM,TAG	BHS-1379	3.00
<b>Pick One of the Listed Courses (3.00 semester credit hours)</b>	* PSY-100	Introduction to Psychology	3.00	3.00	SM,AU,SP	OTM,TAG	BHS-1376	5.00
	* SOC-100	Introduction to Sociology	3.00	3.00	SM,AU,SP	OTM,TAG	BHS-1382	3.00
<b>Pick Two of the Listed Courses (6.00 semester credit hours)</b>	ECON-105	Principles of Microeconomics	3.00	3.00	SM,AU,SP	OTM,TAG	BMT-2025	4.00
	ECON-110	Principles of Macroeconomics	3.00	3.00	SM,AU,SP	TAG	BMT-2046	4.00
	HSV-100	Principles of Social Work	3.00	3.00	SM,AU,SP	TAG	HUM-5334	4.00
	* HSV-150	Social Welfare & Policy	3.00	3.00	SM,AU,SP	TAG	HUM-5344	4.00
	* SOC-235	Social Problems	3.00	3.00	AU	-----	HSV-230	3.00
	* PSY-200	Abnormal Psychology	3.00	3.00	SM,AU,SP	OTM,TAG	BHS-1378	3.00
	* PSY-210	Developmental Psychology	3.00	3.00	SM,AU,SP	OTM,TAG	BHS-1345	5.00
	* PSY-220	Social Psychology	3.00	3.00	SM,AU,SP	TAG	BHS-1370	5.00

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<b>SCIENCES AND MATHEMATICS</b>								
<b>A Minimum of 27.00 Credit Hours Required to Complete this Degree</b>								
<b>Mathematics Choices</b>								
<b>Pick One of the Listed Courses (3.00 semester credit hours)</b>	* MATH-110	Trigonometry	3.00	3.00	SM,AU,SP	OTM	MTH-1226	5.00
	* MATH-150	Pre-Calculus	5.00	5.00	SM,AU,SP	OTM	MTH-1216	5.00
<b>Must complete 9.00 semester credit hours chosen from Listed Courses</b>	* MATH-130	Introduction to Statistics	3.00	3.00	SM,AU,SP	OTM	MTH-1218	5.00
	* MATH-140	College Algebra	3.00	3.00	SM,AU,SP	OTM	MTH-1215	5.00
	* MATH-200	Calculus I	5.00	5.00	AU	OTM	MTH-1233 & MTH-1234	5.00 & 5.00
	* MATH-210	Calculus II	5.00	5.00	SP	OTM	MTH-1234 & MTH-1235	5.00 & 5.00
<b>Lab Science Choices</b>								
<b>Must complete a Minimum of 15.00 semester credit hours to include: One biology, one chemistry, one physics, and one additional course to complete a two-year science sequence</b>	BIO-105	Environmental Science	4.00	5.00	SM,AU,SP	OTM	BIO-1730	5.00
	BIO-110	Medical Terminology	2.00	2.00	SM,AU,SP	TAG	BIO-1760	2.00
	BIO-115	Human Nutrition	3.00	4.00	SM,AU,SP	TAG	BIO-1764	3.00
	* BIO-120	General Biology	4.00	5.00	SM,AU,SP	OTM	BIO-1740	5.00
	* BIO-121	Human Biology	4.00	5.00	SM,AU,SP	OTM	BIO-1745	5.00
	* BIO-130	Anatomy & Physiology I	4.00	5.00	SM,AU,SP	OTM	BIO-1772	6.00
	* BIO-131	Anatomy & Physiology II	4.00	5.00	SM,AU,SP	OTM	BIO-1773	6.00
	* BIO-140	General Ecology	4.00	5.00	SM,AU,SP	-----	None	-----
	* BIO-160	Biology I	5.00	7.00	SM,AU,SP	TAG	BIO-1780	6.00
	* BIO-161	Biology II	5.00	7.00	SM,AU,SP	TAG	BIO-1781	6.00
	* BIO-200	Microbiology	4.00	5.00	SM,AU,SP	OTM	BIO-1755	5.00
	* BIO-210	Pathophysiology of Human Diseases	4.00	5.00	SM,AU,SP	TAG	BIO-1778 & BIO-1779	3.00 & 3.00
	* CHEM-100	Basic Chemistry	4.00	5.00	SM,AU,SP	OTM	None	-----
	* CHEM-101	General Organic Chemistry	4.00	5.00	SM,AU,SP	OTM	CHM-1710	6.00
	* CHEM-102	Fundamentals of Chemistry	4.00	5.00	SM,AU,SP	-----	CHM-1713	6.00
	* CHEM-110	Chemistry I	5.00	7.00	SM,AU,SP	TAG	CHM-1790 & CHM-1791	5.00 & 5.00
	* CHEM-111	Chemistry II	5.00	7.00	SM,AU,SP	TAG	CHM-1791 & CHM-1792	5.00 & 5.00
	* PHYS-100	General Physics	4.00	5.00	SM,AU,SP	-----	PHY-1721	5.00
* PHYS-110	Physics I	4.00	5.00	SM,AU,SP	TAG	PHY-1726 & PHY-1728	5.00 & 5.00	
* PHYS-111	Physics II	4.00	5.00	SM,AU,SP	TAG	PHY-1727 & PHY-1728	5.00 & 5.00	

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<b>Total Semester Credit Hours Required for Completion of Degree</b>	<b>60.00</b>
Total Arts and Humanites Credit Hours Required	12.00
Total English Composition and Literature Credit Hours Required	9.00
Total Social and Behavioral Sciences Credit Hours Required	12.00
Total Sciences and Mathematics Credit Hours Required	27.00