

Datatel Program Code	FST.AAS
COTC Major Number	006400
CIP Code	43.0203

The student who successfully completes the courses listed below on this Plan of Study will earn an Associate of Applied Science Degree in Fire Science Technology.

KEY:		* Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page							
		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	
SEMESTER 1									
* ENGL-110	Composition I	3.00	3.00	NT	SM,AU,SP	OTM	COM-1535	4.00	
* FIRESCI-102	Fire Fighter I	6.00	10.00	T	AU	-----	FST-5770	9.00	
* FIRESCI-110	Principles of Emergency Services	3.00	3.00	T	AU	-----	FST-5735	3.00	
IDS-100	Campus Connections	1.00	2.00	NT	SM,AU,SP	-----	None	-----	
	Technical Elective	3.00	9.00	T ELEC	See Choices Below				
TOTAL CREDIT & CONTACT HOURS		16.00	27.00						
SEMESTER 2									
* ENGL-111	Composition II	3.00	3.00	NT	SM,AU,SP	OTM	COM-1536	4.00	
* FIRESCI-103	Fire Fighter II	6.00	10.00	T	SP	-----	FST-5774	9.00	
	Non-Technical Elective - Mathematics	3.00	3.00	NT ELEC	See Choices Below				
	Technical Elective	3.00	4.00	T ELEC	See Choices Below				
TOTAL CREDIT & CONTACT HOURS		15.00	20.00						
SEMESTER 3									
* CHEM-100	Basic Chemistry	4.00	5.00	NT	SM,AU,SP	-----	None	-----	
* FIRESCI-120	Fire Prevention	3.00	3.00	T	SM	-----	FST-5760	3.00	
* FIRESCI-140	Principles of Fire & Emergency Services Safety & Survival	2.00	2.00	T	SM	-----	FST-5749	3.00	
SPCH-100	Fundamentals of Communication	3.00	3.00	NT	SM,AU,SP	TAG	COM-1534	4.00	
TOTAL CREDIT & CONTACT HOURS		12.00	13.00						
SEMESTER 4									
* BIO-105	Environmental Science	4.00	5.00	NT	SM,AU,SP	OTM	BIO-1730	5.00	
* FIRESCI-125	Building Construction for Fire Protection	3.00	3.00	T	AU	-----	FST-5706	4.00	
* FIRESCI-230	Fire Behavior & Combustion	2.00	2.00	T	AU	-----	FST-5703	4.00	
* PHIL-100	Critical Thinking	3.00	3.00	NT	SM,AU,SP	OTM	BHS-1006	3.00	
* PSYCH-100	Introduction to Psychology	3.00	3.00	NT	SM,AU,SP	TAG, OTM	BHS-1376	5.00	
TOTAL CREDIT & CONTACT HOURS		15.00	16.00						

The College Reserves the Right to Change Curricula Without Notice.

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SEMESTER 5								
* FIRESCI-215	Fire Protection Systems	2.00	2.00	T	SP	-----	FST-5701	4.00
* FIRESCI-270	Current Issues in Fire Services	2.00	2.00	T	SP	-----	FST-5716	3.00
* PHIL-200	Introduction to Ethics	3.00	3.00	NT	SM,AU,SP	TAG, OTM	BHS-1340	3.00
* SOC-110	Cultural Diversity	3.00	3.00	NT	SM,AU,SP	TAG, OTM	BHS-1379	3.00
	Technical Elective	3.00	4.00	T ELEC	See Choices Below			
TOTAL CREDIT & CONTACT HOURS		13.00	14.00					

Total Semester Credit Hours Required for Completion of Degree 71.00

<i>Non-Technical Required Semester Credit Hours</i>	33.00
<i>Technical Required Semester Credit Hours</i>	38.00

Non-Technical Elective - Mathematics								
Total of 3.00 Semester Credit Hours Required to Complete this Degree								
* MATH-130	Introduction to Statistics	3.00	3.00	NT Elec	SM,AU,SP	OTM	MTH-1218	5.00
* MATH-140	College Algebra	3.00	3.00	NT Elec	SM,AU,SP	OTM	MTH-1215	5.00
Technical Elective								
Total of 9.00 Semester Credit Hours Required to Complete this Degree								
* EMS-120	Emergency Medical Technician	7.00	9.00	T ELEC	AU	-----	EMS-4330	9.50
* FIRESCI-101	Fire Fighter Health & Safety	2.50	3.50	T ELEC	AU	-----	FST-5775	3.50
* FRESCI-104	Driver Operator Pumper & Emergency Vehicle Operations	2.00	4.00	T ELEC	SP	-----	FST-5776	4.00
* FIRESCI-132	Fire Safety Inspector	3.00	5.00	T ELEC	AU	-----	FST-5779	5.00
* FIRESCI-134	Fire Service Instructor	3.00	5.00	T ELEC	AU	-----	None	-----
* FIRESCI-135	Strategy & Tactics	3.00	3.00	T ELEC	SP	-----	FST-5725	5.00
* FIRESCI-145	Occupational Safety & Health for Emergency Services	2.00	2.00	T ELEC	AU	-----	None	-----
* FIRESCI-150	Fire Protection Hydraulics & Water Supply	3.00	3.00	T ELEC	SP	-----	FST-5750	4.00
* FIRESCI-155	Hazardous Materials	3.00	3.00	T ELEC	SP	-----	FST-5709	3.00
* FIRESCI-160	Legal Aspects of Emergency Services	3.00	3.00	T ELEC	AU	-----	FST-5702	4.00
* FIRESCI-165	Fire & Emergency Services Administration	3.00	3.00	T ELEC	SP	-----	FST-5713	3.00
* FIORSCI-103	Introduction to Fire Origin & Causes	3.00	4.00	T ELEC	SM	-----	FOR-5550	3.00
* FIRESCI-197-199	Special Topics in Fire Science	0.50-3.00	0.50-3.00	T Elec	SP	-----	None	-----
* FIRESCI-297-299	Special Topics in Science	0.50-3.00	0.50-3.00	T Elec	SP	-----	None	-----