

<b>Datatel Program Code</b>	<b>FST.AAS</b>
<b>COTC Major Number</b>	<b>006400</b>
<b>CIP Code</b>	<b>43.0203</b>

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

\*\*Please refer to the Fire Science Technology Fact Sheet for additional information regarding these courses.

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>								
* ENGL-112	Composition I	3.00	4.00	NT	SM,AU,SP	OTM	COM-1535	4.00
* FIRE-102	Fire Fighter I**	6.00	10.00	T	AU	C-TAG	FST-5770	9.00
* FIRE-110	Principles of Emergency Services	3.00	3.00	T	AU	TAG	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 Listed Below			
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>16.00</b>	<b>28.00</b>					
<b>SEMESTER 2</b>								
* ENGL-113	Composition II	3.00	4.00	NT	SM,AU,SP	OTM	COM-1536	4.00
* FIRE-103	Fire Fighter II**	6.00	10.00	T	SP	C-TAG	FST-5774	9.00
	Non-Technical Elective - Mathematics	3.00	3.00	NT ELEC	See Choices Listed Below			
	Technical Elective	3.00	4.00	T ELEC	See Choices Listed Below			
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>15.00</b>	<b>21.00</b>					
<b>SEMESTER 3 (SUMMER)</b>								
* CHEM-100	Basic Chemistry	4.00	5.00	NT	SM,AU,SP	OTM	None	-----
* FIRE-120	Fire Prevention	3.00	3.00	T	SM	-----	FST-5760	3.00
* FIRE-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
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>12.00</b>	<b>13.00</b>					
<b>SEMESTER 4</b>								
* BIO-105	Environmental Science	4.00	5.00	NT	SM,AU,SP	OTM	BIO-1730	5.00
* FIRE-125	Building Construction for Fire Protection	3.00	3.00	T	AU	-----	FST-5706	4.00
* FIRE-230	Fire Behavior & Combustion	2.00	2.00	T	AU	TAG	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
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>15.00</b>	<b>16.00</b>					

The College Reserves the Right to Change Curricula Without Notice.

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<b>SEMESTER 5</b>								
* FIRE-215	Fire Protection Systems	2.00	2.00	T	SP	-----	FST-5701	4.00
* FIRE-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 Listed Below			
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>13.00</b>	<b>14.00</b>					

**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	SM,AU,SP	C-TAG	EMS-4330	9.50
* FIRE-101	Fire Fighter Health & Safety	2.50	3.50	T ELEC	AU	-----	FST-5775	3.50
* FIRE-104	Driver Operator Pumper & Emergency Vehicle Operations	2.00	4.00	T ELEC	AU	-----	FST-5776	4.00
* FIRE-132	Fire Safety Inspector	3.00	5.00	T ELEC	SP	-----	FST-5779	5.00
* FIRE-134	Fire Service Instructor	3.00	5.00	T ELEC	SP	-----	None	-----
* FIRE-135	Strategy & Tactics	3.00	3.00	T ELEC	SP	-----	FST-5725	5.00
* FIRE-165	Fire & Emergency Services Administration	3.00	3.00	T ELEC	AU	-----	FST-5713	3.00
* FOR-103	Introduction to Fire Origin & Causes	3.00	4.00	T ELEC	SP	-----	FOR-5550	3.00