

## High School or Area Vocational Center: Indian Valley Vocational Center

Name of Cluster: Law, Public Safety, Corrections & Security

Name of Pathway: Emergency & Fire Management Services

Program of Study: Fire Science

Grade	English	Math	Science	Social Studies/ Sciences	Other Required Courses, Recommended Electives, and Learner Activities	Career & Technical Courses	SAMPLE Occupations Relating to this Pathway
Interest Inventory Administered							
9	Lit & Comp I	Algebra I or Fundamental Math I	Physical Science or Biology	World History I and/or II (sem), Geography I and/or II (sem), and/or Mod Wld Issues (sem), and/or Recent Topics (sem)	All plans of study need to meet <b>local and state</b> high school graduation requirements as well as college entrance requirements.  Health Zero hour PE (fitness related content)		Volunteer firefighter, Probationary firefighter, Contract firefighter, Industrial firefighter
10	Lit & Comp II	Geometry or Fundamental Math II	Biology or A & P or Chemist ry	World History I and/or II (sem), Geography I and/or II (sem), and/or Mod Wld Issues (sem), and/or Recent Topics (sem)			
11	Amer Lit III or Contemp Lit or G & R (sem) or Creative Wr (sem) or Dramatic Lit (sem) or Pub Pro	Algebra II or Applied Tech Math or Fundamental Math III	A & P or Chemist ry	US History		Fire Science I	
12	Brit Lit or Contemp Lit or G & R or Creative Wr or Dramatic Lit or Pub Pro			Psychology and/or Sociology, Civics		Fire Science II	
<b>Early College Credit (articulated or dual). List name of college class below and * corresponding high school class above.</b>				<b>Describe Work-Based Learning Opportunities</b>		<b>List Industry Recognized Credentials</b>	
Dual credit and Articulated credit - Waubonsee Community College - FSC 105 Basic Operations Firefighter Module A, FSC 115 Basic Operations Firefighter Module B, FSC 118 Basic Operations Firefighter Module C, FSC 215 Technical Rescue & Vehicle Operations (Fire Science I) Waubonsee Community College - FSC 120 Hazardous Materials Operations, FSC 125 Advanced Firefighter Technician, FSC 150 Vehicle Machinery Operations (Fire Science II)				Ride-alongs with local fire departments, opportunities to serve as cadets on local fire departments (subject to application process at local dept)		National Firefighters "Courage To Be Safe" certification FEMA NIMS (National Incident Management System) 100, 200, 700 & 800 American Heart Association CPR & AED OSFM (Office of the State Fire Marshal) Basic Operations Firefighter OSFM Technical Rescue Awareness OSFM Fire Service Vehicle Operator OSFM Advanced Technician Firefighter OSFM Hazardous Materials Awareness/Operations OSFM Vehicle Machinery Operations	
<b>Postsecondary – name the degrees and certificates and institutions</b> Waubonsee Community College - <a href="#">Fire Science</a> , Joliet Junior College - <a href="#">Fire Science</a>							