

Program Outcomes - DRAFT OCTOBER 2024

Certificate_Driver/Operator (HSPS102,HSPS106,HSPS120,HSPS160,HSPS161,HSPS266)

2019-2020

<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>			
				106	mandatories
				120	(4) certificates:IS 100,200,700,800
				160	driver/pumper test
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.	HSPS 102, HSPS 120	IS 100,200,700,800 (P/F)		161	IDHS strategies and tactics
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.	HSPS 120, HSPS 161	IS 100,200,700,800 (P/F) IDHS Strategies and Tactics (P/F)			
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.	HSPS106, HSPS266, HSPS161,HSPS160	IDHS Mandatory (P/F) IDHS Strategies and Tactics (P/F) IDHS Driver/Operator - Pumper (P/F) Yooooool.			
Apply effective interpersonal communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.	HSPS120 , HSPS160, HSPS161	IS 100,200,700,800 (P/F) IDHS Strategies and Tactics (P/F) IDHS Driver/Operator - Pumper (P/F)			
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.	HPS106, HSPS160	IDHS Mandatory (P/F) IDHS Driver/Operator - Pumper (P/F)			
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.	HSPS106, HSPS266, HSPS161,HSPS160	IS 100,200,700,800 (P/F) IDHS Strategies and Tactics (P/F) IDHS Driver/Operator - Pumper (P/F) IDHS Mandatory (P/F)			
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.	HSPS161, HSPS160	IDHS Strategies and Tectics (P/F) IDHS Driver/Operator - Pumper (P/F)			

Program Outcomes

**Certificate Environmental (HSPS104, HSPS120,HSPS143, HSPS170,HSPS240, HSPS272)
2019-2020**

<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>			
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.	HSPS120, HSPS104, HSPS170	IS100, 200, 700, 800 (P/F)	assessment in 143 or 120		
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.	HSPS120, HSPS170	IS100, 200, 700, 800 (P/F)	120 IS		
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.	HSPS272, HSPS242, HSPS170 HSPS143	IDEM Class A (P/F)	143 Waste/water Class D or C		
Apply effective interpersonal communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.	HSPS120, HSPS240	IS100, 200, 700, 800 (P/F)			
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.	HSPS104 , HSPS143	IDEM Class A (P/F)			
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.	HSPS272, HSPS143	IDEM Class A (P/F)			
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.	HSPS272, HSPS170, HSPS143	IDEM Class A (P/F)			
Articulate the key principles and context of issues in environmental health as well as issues surrounding safety in the workplace	HSPS272, HSPS170, HSPS143	IDEM Class A (P/F)			

Program Outcomes		
Certificate_Firefigher (HSPS102, HSPS120, HSPS165, HSPS167, PARM102)		
2019-2020		
<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.	HSPS120, HSPS102	IS100, 200, 700, 800 (P/F)
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.	HSPS120, PARM102	IS100, 200, 700, 800 (P/F)
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.	HSPS165, HSPS167, PARM102	IDHS FF1 (P/F) IDHS FF2 (P/F) NREMT (P/F)
Apply effective interpersonal communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.	HSPS120, HSPS165, HSPS167, PARM102	IS100, 200, 700, 800 (P/F) IDHS FF1 (P/F) IDHS FF2 (P/F) NREMT (P/F)
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.	HSPS102, PARM102, HSPS165, HSPS167	IDHS FF1 (P/F) IDHS FF2 (P/F) NREMT (P/F)
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.	HSPS165, HSPS167, PARM102	IDHS FF1 (P/F) IDHS FF2 (P/F) NREMT (P/F)
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.	HSPS165, HSPS167, PARM102	IDHS FF1 (P/F) IDHS FF2 (P/F) NREMT (P/F)

Program Outcomes		
Certificate Fire Prevention and Investigation (HSPS102, HSPS120, HSPS163, HSPS169, HSPS204, HSPS262)		
2019-2020		
<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.	HSPS120, HSPS163	IS100, 200, 700, 800 (P/F) IDHS Fire Inspector (P/F)
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.	HSPS120, HSPS163	IS100, 200, 700, 800 (P/F) IDHS Fire Inspector (P/F)
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.	HSPS169, HSPS163	IDHS Fire Investigator (P/F) IDHS Fire Inspector (P/F)
Apply effective communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.	HSPS 102, HSPS 120, HSPS 163, HSPS 169, HSPS 204, HSPS 262	IS100, 200, 700, 800 (P/F) IDHS Fire Inspector (P/F) IDHS Fire Invesigator (P/F)
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.	HSPS262, HSPS204, HSPS163, HSPS169	IDHS Fire Investigator (P/F) IDHS Fire Inspector (P/F)
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.	HSPS262, HSPS163, HSPS169, HSPS204	IDHS Fire Investigator (P/F) IDHS Fire Inspector (P/F)
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.	HSPS163, HSPS169	IDHS Fire Investigator (P/F) IDHS Fire Inspector (P/F)

Program Outcomes		
Certificate_ Fire Service Administration (HSPS102, BUSN105, HSPS120, HSPS161, HSPS202, HSPS204, HSPS 264)		
2019-2020		
<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.	HSPS120, HSPS264, HSPS102	IS100,200,700,800 (P/F) IDHS Fire Officer 1&2 (P/F)
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.	HSPS120, HSPS161	IS100,200,700,800 (P/F) IDHS Fire Strat & Tactics (P/F)
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.	HSPS161, HSPS264	IDHS Fire Strat & Tactics (P/F) IDHS Fire Officer 1 & 2 (P/F)
Apply effective interpersonal communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.	HSPS120, HSPS161, BUSN105, HSPS204	IS100,200,700,800 (P/F) IDHS Strat & Tactics (P/F)
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.	HSPS264, HSPS102, HSPS204	IDHS Fire Officer 1 & 2 (P/F)
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.	HSPS161, HSPS202	IDHS Fire Strat & Tactics (P/F) IDHS Safety Officer (P/F)
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.	HSPS161, HSPS264, HSPS202	IDHS Fire Strat & Tactics (P/F) IDHS Safety Officer (P/F) IDHS Fire Officer 1 & 2 (P/F)

Program Outcomes		
Certificate_Hazardous Materials (HSPS102, HSPS104, HSPS120, HSPS121 or HSPS122, HSPS170,HSPS270)		
2019-2020		
<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.	HSPS120, HSPS102, HSPS104, HSPS170, HSPS270, HSPS121, HSPS122	IS100,200,700,800 (P/F) IDHS HazMat Awareness & Ops
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.	HSPS120, HSPS170, HSPS270	IS100,200,700,800 (P/F)
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.	HSPS121, HSPS122, HSPS170	IDHS HazMat Awareness & Ops
Apply effective interpersonal communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.	HSPS120, HSPS121, HSPS122, HSPS270	IS100,200,700,800 (P/F) IDHS HazMat Awareness & Ops
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.	HSPS102, HSPS104, HSPS121, HSPS122	IS100,200,700,800 (P/F) IDHS HazMat Awareness & Ops
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.	HSPS121, HSPS122	IDHS HazMat Awareness & Ops
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.	HSPS170, HSPS270	

Program Outcomes		
Certificate_Homeland Security (HSPS101, HSPS102, HSPS111, HSPS120, HSPS204, HSPS270)		
2019-2020		
<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.	HSPS102, HSPS101, HSPS120, HSPS270	IS100,200,700,800 (P/F)
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.	HSPS120, HSPS270	IS100,200,700,800 (P/F)
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.	HSPS111	
Apply effective interpersonal communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.	HSPS101, HSPS120, HSPS204, HSPS270	IS100,200,700,800 (P/F)
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.	HSPS102, HSPS204	
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.	HSPS111	
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.	HSPS101, HSPS111, HSPS270	

Program Outcomes		
Certificate_Public Safety (HSPS101, HSPS102, HSPS120, HSPS121 or HSPS122, HSPS204, HSPS220)		
2019-2020		
<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.	HSPS102, HSPS101, HSPS120,	IS100,200,700,800 (P/F)
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.	HSPS120, HSPS220	IS100,200,700,800 (P/F) IS300,400 (P/F)
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.	HSPS121, HSPS122, HSPS220	IDHS HazMat Awareness & Ops (P/F) IS300,400 (P/F)
Apply effective interpersonal communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.	HSPS101, HSPS120, HSPS204,	IS100,200,700,800 (P/F)
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.	HSPS102, HSPS204	
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.	HSPS121, HSPS122	IDHS HazMat Awareness & Ops (P/F)
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.	HSPS101, HSPS220	IS300,400 (P/F)

Program Outcomes		
Technical Certificate_HSPS		
2019-2020		
<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.		
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.		
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.		
Apply effective interpersonal communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.		
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.		
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.		
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.		

Program Outcomes		
Associate of Applied Science- HSPS		
2019-2020		
<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.		
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.		
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.		
Apply effective interpersonal communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.		
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.		
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.		
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.		
The student will examine the historical and evolving concept of homeland security within the broader political and national security system of the contemporary nation-state.		
Students will apply ethics, laws, cultural understanding, and policies to appropriate situations.		
The student will learn risk management and mitigation principles and apply those principles in their role in the Homeland Security discipline.		
Identify different theoretical frameworks to explain the function of various components of the Homeland Security and Public Safety system.		AAS HSPS-qualitative assesement (portfolio) administered in HSPS 279

Program Outcomes		
Associate of Applied Science- Environmental Health & Safety		
2019-2020		
<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.		
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.		
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.		
Apply effective interpersonal communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.		
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.		
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.		
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.		
Articulate the key principles and context of issues in environmental health as well as issues surrounding safety in the workplace		
The student will understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global, environmental, and workplace and community contexts.		
Students will learn how to prevent harm to workers, property, the environment and the general public by identifying hazardous conditions and practices and implementing alternative practices and/or corrective measures.		
Collect data on work environments for ongoing analysis that may predict risks and hazards and identify sources of exposure and/or contamination.		
Identify current ethical issues in environmental health and safety.		AAS HSPS-qualitative assesement (portfolio) administered in HSPS 279

Program Outcomes		
Associate of Applied Science- Fire Science		
2019-2020		
<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.		
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.		
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.		
Apply effective interpersonal communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.		
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.		
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.		
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.		
The Student will be able to apply strategies, tactics and Incident Command/Incident Management skills to emergency incidents.		
The student will develop skills and further their education for employment and advancement in Fire and Emergency Services.		
Acquire the skills and knowledge needed to become a firefighter in the state of Indiana, and perform the functions of a firefighter.		
The student will acquire the knowledge of building construction and fire protection systems and apply that knowledge in practical ways.		
Describe the different theories in fighting fires and their evolution throughout the history of the fire service.		
Identify the principles used in providing fire service to the public, and providing public safety service to the public in general.		AAS HSPS-qualitative assesement (portfolio) administered in HSPS 279

Program Outcomes		
Associate of Science- HSPS		
2019-2020		
<i>Program Level Student Learning Outcomes</i>	<i>Courses that Teach/Assess Outcome</i>	<i>Course Level Assessment</i>
Students will critically analyze and articulate the multidisciplinary perspectives of public safety and/or environmental health and safety.		
Students will demonstrate the ability to work with various inter- and multi-disciplinary organizations needed to better prevent and mitigate the impact of various actions/events upon a community, region, or state.		
Students will become proficient in identifying and utilizing information and psychomotor skills in critical incidents and issues within public safety and/or environmental health and safety.		
Apply effective interpersonal communication, critical thinking and decision-making skills commensurate with their defined level of responsibility within the workplace.		
Demonstrate a solid foundation of knowledge and psychomotor skills within their assigned role in public safety and/or environmental health and safety.		
Demonstrate safe practices and procedures by utilizing minimum standards of safety procedures compliant with modern industry standards.		
The student will apply knowledge and skills that prepare them for future leadership positions within public safety and or environmental health and safety.		
Students will apply ethics, laws, cultural understanding, and policies to appropriate situations.		
Students will demonstrate knowledge of basic terms, concepts, history, theories, and geography related to homeland security.		
Students will learn effective ways to problem solve and make decisions during emergency, or high intensity operations.		
Identify past, current, and future ethical issues in Homeland Security and Public Safety.		
Identify ways that political and social issues affects Homeland Security and Public Safety throughout the United States and the world in general.		
Demonstrate the ability to interact with persons from different ethnic and socioeconomic backgrounds.		AS HSPS-qualitative assesment (portfolio) administered in HSPS 279
Acquire the skills necessary, through general education requirements, to be a successful student at a transfer school, including but not limited to, basic math, English, writing, humanities, and science skills.	General Education Courses	Gen Ed Assessment